

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
Results for IV B.Tech I Semester [R13/R10] Regular/Supplementary Examinations Oct/Nov-2018
College: ADITYA ENGG. COLLEGE, SURAMPALEM, PEDDAPURAM:A9

Htno	Subcode	Subname	Internal	External	Credits
10251A1265	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	0	23	0
10251A1265	R41057	OPEN SOURCE SOFTWARE	0	12	0
10251A1265	R41126	INFORMATION RETRIEVAL SYSTEMS	0	24	0
10A91A0488	R41041	OPTICAL COMMUNICATIONS	5	28	0
10A91A0517	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	-1	0
10A91A0517	R41052	UML & DESIGN PATTERNS	15	-1	0
10A91A1208	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	10	17	0
11A91A0205	R41021	COMPUTER ORGANIZATION	14	15	0
11A91A0248	R41023	SWITCH GEAR & PROTECTION	21	9	0
11A91A02B3	R41021	COMPUTER ORGANIZATION	9	-1	0
11A91A02B3	R41023	SWITCH GEAR & PROTECTION	17	-1	0
11A91A02B3	R41024	POWER SYSTEM OPERATION & CONTROL	21	-1	0
11A91A02B3	R41026	INSTRUMENTATION	23	-1	0
11A91A02B3	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	23	-1	0
11A91A0416	R41041	OPTICAL COMMUNICATIONS	19	27	4
11A91A0474	R41043	DIGITAL IMAGE PROCESSING	15	0	0
11A91A04A4	R41043	DIGITAL IMAGE PROCESSING	16	9	0
11A91A0574	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	-1	0
11A91A0574	R41053	DATA WARE HOUSING AND DATA MINING	21	-1	0
11A91A0574	R4105B	SOFTWARE PROJECT MANAGEMENT	21	-1	0
11A91A1217	R41126	INFORMATION RETRIEVAL SYSTEMS	13	-1	0
11A95A0212	R41022	HIGH VOLTAGE ENGINEERING	17	10	0
127E1A0433	RT4104A	OPTICAL COMMUNICATION	5	-1	0
12A91A0148	R41012	DESIGN & DRAWING OF IRRIGATION STRUCTURES	14	13	0
12A91A0229	R41026	INSTRUMENTATION	23	-1	0
12A91A0230	R41023	SWITCH GEAR & PROTECTION	19	18	0
12A91A0329	R41035	MEMS	17	19	0
12A91A0378	R41032	CAD/CAM	16	38	4
12A91A0383	R41031	REFRIGERATION & AIR CONDITIONING	10	32	4
12A91A03D0	R41031	REFRIGERATION & AIR CONDITIONING	19	23	0
12A91A04F9	R41026	INSTRUMENTATION	20	-1	0
12A91A04F9	R41042	EMBEDDED SYSTEMS	10	-1	0
12A91A04F9	R41043	DIGITAL IMAGE PROCESSING	19	-1	0
12A91A04F9	R41044	RADAR SYSTEMS	9	-1	0
12A91A04F9	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	-1	0
12A91A04I4	R41026	INSTRUMENTATION	11	-1	0
12A91A04I4	R41041	OPTICAL COMMUNICATIONS	11	-1	0
12A91A04I4	R41042	EMBEDDED SYSTEMS	10	-1	0
12A91A04I4	R41043	DIGITAL IMAGE PROCESSING	7	-1	0
12A91A04I4	R41044	RADAR SYSTEMS	8	-1	0
12A91A04I4	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	13	-1	0
12A91A04M5	R41026	INSTRUMENTATION	6	-1	0
12A91A04M5	R41041	OPTICAL COMMUNICATIONS	7	-1	0
12A91A04M5	R41042	EMBEDDED SYSTEMS	8	-1	0

Htno	Subcode	Subname	Internal	External	Credits
12A91A04M5	R41043	DIGITAL IMAGE PROCESSING	3	-1	0
12A91A04M5	R41044	RADAR SYSTEMS	9	-1	0
12A91A04M5	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	3	-1	0
12A91A04M5	R4104B	DIGITAL SIGNAL PROCESSING LAB	12	-1	0
12A91A0527	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	25	3
12A91A0527	RT41052	UML AND DESIGN PATTERNS	12	44	3
12A91A0527	RT41053	MOBILE COMPUTING	19	44	3
12A91A0527	RT41054	SOFTWARE TESTING METHODOLOGIES	26	42	3
12A91A0527	RT4105B	HADOOP AND BIG DATA	24	35	3
12A91A0527	RT4105L	UML AND DESIGN PATTERNS LAB	14	32	2
12A91A0527	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	14	33	2
12A91A0527	RT4105N	SOFTWARE TESTING LAB	15	37	2
12A91A0527	RT4105O	HADOOP AND BIGDATA LAB	15	35	2
12A91A0560	R41057	OPEN SOURCE SOFTWARE	0	-1	0
12A91A0560	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	16	-1	0
12A91A1208	R41057	OPEN SOURCE SOFTWARE	18	9	0
12A91A2703	R41027	NON CONVENTIONAL SOURCES OF ENERGY	14	-1	0
12A91A2724	R41027	NON CONVENTIONAL SOURCES OF ENERGY	17	34	4
12A91A2724	R41081	TRANSPORT PHENOMENA	17	13	0
13A91A0109	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	38	3
13A91A0125	RT41014	WATER RESOURCES ENGINEERING - II	7	25	0
13A91A0154	RT41012	PRESTRESSED CONCRETE	13	-1	0
13A91A01C6	RT41014	WATER RESOURCES ENGINEERING - II	22	29	3
13A91A02A2	RT41023	POWER SYSTEM OPERATION AND CONTROL	5	19	0
13A91A02A2	RT41025	INSTRUMENTATION	3	-1	0
13A91A0309	RT41033	FINITE ELEMENT METHODS	15	7	0
13A91A0317	RT41033	FINITE ELEMENT METHODS	20	13	0
13A91A0321	RT41033	FINITE ELEMENT METHODS	19	37	3
13A91A0338	RT41033	FINITE ELEMENT METHODS	21	9	0
13A91A0338	RT41036	NANO TECHNOLOGY	23	7	0
13A91A0338	RT41039	AUTOMATION IN MANUFACTURING	17	1	0
13A91A0350	RT41031	AUTOMOBILE ENGINEERING	22	13	0
13A91A0351	RT41033	FINITE ELEMENT METHODS	18	0	0
13A91A0359	RT41033	FINITE ELEMENT METHODS	25	9	0
13A91A0363	RT41031	AUTOMOBILE ENGINEERING	18	33	3
13A91A0363	RT41032	CAD / CAM	16	15	0
13A91A0363	RT41033	FINITE ELEMENT METHODS	16	27	3
13A91A0363	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	29	3
13A91A0363	RT41035	MEMS	0	24	0
13A91A0363	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	18	34	3
13A91A0363	RT4103L	SIMULATION LAB	12	-1	0
13A91A0363	RT4103M	DESIGN FABRICATION PROJECT	28	0	1
13A91A0389	RT41032	CAD / CAM	4	30	0
13A91A0389	RT41033	FINITE ELEMENT METHODS	16	0	0
13A91A0389	RT41036	NANO TECHNOLOGY	17	32	3
13A91A0389	RT41039	AUTOMATION IN MANUFACTURING	17	0	0
13A91A0389	RT4103L	SIMULATION LAB	12	30	2
13A91A0394	RT41033	FINITE ELEMENT METHODS	24	22	0
13A91A0398	RT41033	FINITE ELEMENT METHODS	18	14	0
13A91A0399	RT41031	AUTOMOBILE ENGINEERING	20	39	3

Htno	Subcode	Subname	Internal	External	Credits
13A91A03E2	RT41031	AUTOMOBILE ENGINEERING	23	-1	0
13A91A03E2	RT41032	CAD / CAM	14	11	0
13A91A03E2	RT41033	FINITE ELEMENT METHODS	22	0	0
13A91A03E2	RT41036	NANO TECHNOLOGY	18	23	0
13A91A03E9	RT41032	CAD / CAM	25	36	3
13A91A03J4	RT41031	AUTOMOBILE ENGINEERING	18	8	0
13A91A03J4	RT41033	FINITE ELEMENT METHODS	25	7	0
13A91A04D4	RT4104A	OPTICAL COMMUNICATION	3	3	0
13A91A04F4	RT41041	VLSI DESIGN	15	3	0
13A91A04F4	RT41042	COMPUTER NETWORKS	18	3	0
13A91A04F4	RT41043	DIGITAL IMAGE PROCESSING	11	2	0
13A91A04F4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	8	2	0
13A91A04F4	RT41048	RADAR SYSTEMS	17	0	0
13A91A04F4	RT4104A	OPTICAL COMMUNICATION	15	2	0
13A91A0562	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	41	3
13A91A0567	RT41053	MOBILE COMPUTING	25	26	3
13A91A0572	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	-1	0
13A91A05E4	RT41052	UML AND DESIGN PATTERNS	19	25	3
13A91A05E4	RT41053	MOBILE COMPUTING	19	5	0
13A91A1204	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	4	6	0
13A91A1204	RT41052	UML AND DESIGN PATTERNS	12	3	0
13A91A1204	RT41053	MOBILE COMPUTING	6	-1	0
13A91A1204	RT4105B	HADOOP AND BIG DATA	11	-1	0
13A91A1215	RT41052	UML AND DESIGN PATTERNS	21	25	3
13A95A0434	R41043	DIGITAL IMAGE PROCESSING	12	-1	0
13A95A0434	R41044	RADAR SYSTEMS	13	-1	0
13MH1A03A8	RT41031	AUTOMOBILE ENGINEERING	20	-1	0
14A91A0101	RT41014	WATER RESOURCES ENGINEERING - II	21	25	3
14A91A0102	RT41012	PRESTRESSED CONCRETE	17	31	3
14A91A0102	RT41014	WATER RESOURCES ENGINEERING - II	20	49	3
14A91A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	12	29	3
14A91A0105	RT41014	WATER RESOURCES ENGINEERING - II	23	41	3
14A91A0108	RT41014	WATER RESOURCES ENGINEERING - II	22	42	3
14A91A0124	RT41012	PRESTRESSED CONCRETE	23	36	3
14A91A0140	RT41014	WATER RESOURCES ENGINEERING - II	21	25	3
14A91A0142	RT41014	WATER RESOURCES ENGINEERING - II	18	35	3
14A91A0166	RT41012	PRESTRESSED CONCRETE	26	-1	0
14A91A0166	RT41014	WATER RESOURCES ENGINEERING - II	17	0	0
14A91A0170	RT41014	WATER RESOURCES ENGINEERING - II	19	27	3
14A91A0183	RT41012	PRESTRESSED CONCRETE	15	16	0
14A91A0183	RT41014	WATER RESOURCES ENGINEERING - II	15	34	3
14A91A01B9	RT41012	PRESTRESSED CONCRETE	22	25	3
14A91A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	35	3
14A91A0212	RT41022	HVAC AND DC TRANSMISSION	29	52	3
14A91A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	46	3
14A91A0212	RT41025	INSTRUMENTATION	20	38	3
14A91A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	70	3
14A91A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
14A91A0212	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
14A91A0212	RT4102N	POWER SYSTEMS LAB	19	35	2

Htno	Subcode	Subname	Internal	External	Credits
14A91A0222	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	14	0
14A91A0226	RT41022	HVAC AND DC TRANSMISSION	25	0	0
14A91A0267	RT41022	HVAC AND DC TRANSMISSION	19	24	3
14A91A0267	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	25	3
14A91A0288	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	28	3
14A91A0295	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	36	3
14A91A0295	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	30	3
14A91A02A1	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	2	0
14A91A02A3	RT41022	HVAC AND DC TRANSMISSION	27	46	3
14A91A0301	RT41033	FINITE ELEMENT METHODS	22	28	3
14A91A0302	RT41032	CAD / CAM	18	24	3
14A91A0302	RT41033	FINITE ELEMENT METHODS	23	0	0
14A91A0302	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	29	3
14A91A0302	RT41036	NANO TECHNOLOGY	22	27	3
14A91A0310	RT41031	AUTOMOBILE ENGINEERING	21	28	3
14A91A0310	RT41032	CAD / CAM	19	14	0
14A91A0310	RT41039	AUTOMATION IN MANUFACTURING	23	14	0
14A91A0314	RT41032	CAD / CAM	17	12	0
14A91A0317	RT41033	FINITE ELEMENT METHODS	24	0	0
14A91A0320	RT41033	FINITE ELEMENT METHODS	16	0	0
14A91A0334	RT41033	FINITE ELEMENT METHODS	23	5	0
14A91A0343	RT41031	AUTOMOBILE ENGINEERING	16	25	3
14A91A0349	RT41036	NANO TECHNOLOGY	16	-1	0
14A91A0359	RT41031	AUTOMOBILE ENGINEERING	18	19	0
14A91A0359	RT41032	CAD / CAM	15	12	0
14A91A0359	RT41033	FINITE ELEMENT METHODS	12	0	0
14A91A0359	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	27	3
14A91A0359	RT41036	NANO TECHNOLOGY	11	13	0
14A91A0359	RT41039	AUTOMATION IN MANUFACTURING	12	13	0
14A91A0361	RT41033	FINITE ELEMENT METHODS	15	0	0
14A91A0362	RT41033	FINITE ELEMENT METHODS	19	40	3
14A91A0367	RT41032	CAD / CAM	20	34	3
14A91A0367	RT41033	FINITE ELEMENT METHODS	21	14	0
14A91A0371	RT41032	CAD / CAM	15	-1	0
14A91A0371	RT41033	FINITE ELEMENT METHODS	16	0	0
14A91A0371	RT41034	UNCONVENTIONAL MACHINING PROCESSES	4	-1	0
14A91A0371	RT41036	NANO TECHNOLOGY	20	-1	0
14A91A0373	RT41033	FINITE ELEMENT METHODS	19	31	3
14A91A0373	RT41036	NANO TECHNOLOGY	19	38	3
14A91A0381	RT41031	AUTOMOBILE ENGINEERING	12	15	0
14A91A0381	RT41032	CAD / CAM	18	11	0
14A91A0381	RT41033	FINITE ELEMENT METHODS	8	0	0
14A91A0381	RT41039	AUTOMATION IN MANUFACTURING	15	24	0
14A91A0384	RT41033	FINITE ELEMENT METHODS	17	9	0
14A91A0384	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	31	3
14A91A0388	RT41031	AUTOMOBILE ENGINEERING	17	30	3
14A91A0393	RT41033	FINITE ELEMENT METHODS	20	7	0
14A91A03A0	RT41033	FINITE ELEMENT METHODS	15	31	3
14A91A03A7	RT41033	FINITE ELEMENT METHODS	18	37	3
14A91A03A8	RT41033	FINITE ELEMENT METHODS	15	17	0

Htno	Subcode	Subname	Internal	External	Credits
14A91A03C3	RT41032	CAD / CAM	23	2	0
14A91A03C3	RT41033	FINITE ELEMENT METHODS	24	-1	0
14A91A03D4	RT41033	FINITE ELEMENT METHODS	19	18	0
14A91A03D5	RT41031	AUTOMOBILE ENGINEERING	17	24	3
14A91A03D5	RT41032	CAD / CAM	16	26	3
14A91A03D5	RT41033	FINITE ELEMENT METHODS	17	24	3
14A91A03D9	RT41033	FINITE ELEMENT METHODS	23	13	0
14A91A03E0	RT41031	AUTOMOBILE ENGINEERING	15	55	3
14A91A03E6	RT41032	CAD / CAM	17	-1	0
14A91A03E6	RT41033	FINITE ELEMENT METHODS	15	0	0
14A91A03E6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	15	0
14A91A03E6	RT41036	NANO TECHNOLOGY	23	0	0
14A91A03F1	RT41033	FINITE ELEMENT METHODS	22	16	0
14A91A03G2	RT41033	FINITE ELEMENT METHODS	18	34	3
14A91A03G9	RT41033	FINITE ELEMENT METHODS	18	28	3
14A91A03H1	RT41033	FINITE ELEMENT METHODS	23	18	0
14A91A03I1	RT41033	FINITE ELEMENT METHODS	15	11	0
14A91A0412	RT41041	VLSI DESIGN	24	37	3
14A91A0412	RT41042	COMPUTER NETWORKS	23	26	3
14A91A0412	RT41043	DIGITAL IMAGE PROCESSING	26	26	3
14A91A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	47	3
14A91A0412	RT41048	RADAR SYSTEMS	19	35	3
14A91A0412	RT4104A	OPTICAL COMMUNICATION	21	30	3
14A91A0412	RT4104L	V L S I LAB	25	48	2
14A91A0412	RT4104M	MICROWAVE ENGINEERING LAB	21	48	2
14A91A0413	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	3	0
14A91A0427	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	25	3
14A91A0427	RT41048	RADAR SYSTEMS	19	13	0
14A91A0435	RT41043	DIGITAL IMAGE PROCESSING	23	8	0
14A91A0470	RT41043	DIGITAL IMAGE PROCESSING	14	4	0
14A91A0470	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	6	0
14A91A0470	RT41048	RADAR SYSTEMS	15	20	0
14A91A0479	RT41043	DIGITAL IMAGE PROCESSING	18	21	0
14A91A0479	RT4104A	OPTICAL COMMUNICATION	18	28	3
14A91A04C5	RT41043	DIGITAL IMAGE PROCESSING	19	10	0
14A91A04C5	RT4104A	OPTICAL COMMUNICATION	17	37	3
14A91A04D5	RT41042	COMPUTER NETWORKS	18	31	3
14A91A04D5	RT41043	DIGITAL IMAGE PROCESSING	19	-1	0
14A91A04D5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	14	0
14A91A04D5	RT41048	RADAR SYSTEMS	7	2	0
14A91A04D5	RT4104A	OPTICAL COMMUNICATION	19	8	0
14A91A04D6	RT41048	RADAR SYSTEMS	14	36	3
14A91A04D8	RT41042	COMPUTER NETWORKS	21	37	3
14A91A04D8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	42	3
14A91A04E9	RT41048	RADAR SYSTEMS	9	17	0
14A91A04F8	RT41048	RADAR SYSTEMS	10	36	3
14A91A04F8	RT4104A	OPTICAL COMMUNICATION	14	26	3
14A91A04H9	RT4104A	OPTICAL COMMUNICATION	20	37	3
14A91A04I0	RT41043	DIGITAL IMAGE PROCESSING	15	26	3
14A91A04K4	RT41041	VLSI DESIGN	11	4	0

	Subcode	Subname	Internal	External	Credits
14A91A04K4	RT41042	COMPUTER NETWORKS	14	25	0
14A91A04K4	RT41043	DIGITAL IMAGE PROCESSING	14	4	0
14A91A04K4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	12	5	0
14A91A04K4	RT41048	RADAR SYSTEMS	12	4	0
14A91A04K4	RT4104A	OPTICAL COMMUNICATION	8	16	0
14A91A04K4	RT4104L	V L S I LAB	5	-1	0
14A91A04K4	RT4104M	MICROWAVE ENGINEERING LAB	5	-1	0
14A91A04K6	RT41042	COMPUTER NETWORKS	18	13	0
14A91A04K6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	20	0
14A91A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	26	3
14A91A0509	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	17	0
14A91A0509	RT41053	MOBILE COMPUTING	20	20	0
14A91A0517	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	12	0
14A91A0524	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	26	3
14A91A0524	RT41053	MOBILE COMPUTING	13	32	3
14A91A0541	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	30	3
14A91A0546	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	2	0
14A91A0563	RT41053	MOBILE COMPUTING	25	27	3
14A91A0586	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	45	3
14A91A0596	RT41052	UML AND DESIGN PATTERNS	16	17	0
14A91A05B8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	26	3
14A91A05B8	RT41052	UML AND DESIGN PATTERNS	15	29	3
14A91A05B8	RT41053	MOBILE COMPUTING	17	31	3
14A91A05B8	RT41057	ARTIFICIAL INTELLIGENCE	25	25	3
14A91A05B8	RT4105A	DIGITAL FORENSICS	18	36	3
14A91A05B8	RT4105L	UML AND DESIGN PATTERNS LAB	18	38	2
14A91A05B8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	17	38	2
14A91A05B8	RT4105N	SOFTWARE TESTING LAB	17	37	2
14A91A05B8	RT4105O	HADOOP AND BIGDATA LAB	19	42	2
14A91A05C6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	29	3
14A91A05C6	RT41053	MOBILE COMPUTING	24	29	3
14A91A05D6	RT41054	SOFTWARE TESTING METHODOLOGIES	16	44	3
14A91A05E6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	13	0
14A91A05E9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	0	0
14A91A05E9	RT41053	MOBILE COMPUTING	20	0	0
14A91A05E9	RT41054	SOFTWARE TESTING METHODOLOGIES	16	2	0
14A91A05F8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	10	11	0
14A91A05F8	RT41053	MOBILE COMPUTING	19	2	0
14A91A05F8	RT41054	SOFTWARE TESTING METHODOLOGIES	19	2	0
14A91A05G7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	33	3
14A91A05H6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	10	0
14A91A1227	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	17	0
14A91A1227	RT41056	INFORMATION RETRIEVAL SYSTEMS	16	3	0
14A91A1230	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	30	3
14A91A1230	RT41052	UML AND DESIGN PATTERNS	17	37	3
14A91A1230	RT41053	MOBILE COMPUTING	21	29	3
14A91A1230	RT41056	INFORMATION RETRIEVAL SYSTEMS	16	28	3
14A91A1230	RT4105B	HADOOP AND BIG DATA	20	24	3
14A91A1230	RT4112L	UML AND DESIGN PATTERNS LAB	18	40	2
14A91A1230	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	17	31	2

Htno	Subcode	Subname	Internal	External	Credits
14A91A1230	RT4112N	SOFTWARE ENGINEERING LAB	18	34	2
14A91A1230	RT41120	HADOOP AND BIGDATA LAB	18	33	2
14A91A2607	RT41261	MINE ECONOMICS	22	40	3
14A91A2607	RT41262	COMPUTER APPLICATIONS IN MINING	16	27	3
14A91A2607	RT41263	ROCK MECHANICS AND GROUND CONTROL	13	46	3
14A91A2607	RT41264	MINE LEGISLATION AND GENERAL SAFETY	23	42	3
14A91A2607	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	19	30	3
14A91A2607	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	12	8	0
14A91A2607	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	16	35	2
14A91A2607	RT4126M	ROCK MECHANICS LAB	24	45	2
14A91A2612	RT41264	MINE LEGISLATION AND GENERAL SAFETY	7	42	3
14A91A2613	RT41261	MINE ECONOMICS	25	45	3
14A91A2613	RT41262	COMPUTER APPLICATIONS IN MINING	26	49	3
14A91A2613	RT41263	ROCK MECHANICS AND GROUND CONTROL	25	66	3
14A91A2613	RT41264	MINE LEGISLATION AND GENERAL SAFETY	25	-1	0
14A91A2613	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	25	46	3
14A91A2613	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	23	32	3
14A91A2613	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	25	50	2
14A91A2613	RT4126M	ROCK MECHANICS LAB	24	47	2
14A91A2616	RT41262	COMPUTER APPLICATIONS IN MINING	18	-1	0
14A91A2616	RT41264	MINE LEGISLATION AND GENERAL SAFETY	17	-1	0
14A91A2616	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	17	-1	0
14A91A2704	RT41026	NON CONVENTIONAL SOURCES OF ENERGY	19	8	0
14A91A2704	RT41271	INTEGRATED ASSET MANAGEMENT	13	27	3
14A91A2704	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	19	16	0
14A91A2704	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	15	14	0
14A91A2704	RT41279	COAL BED METHANE ENGINEERING	18	24	3
14A91A2705	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	16	15	0
14A91A2713	RT41016F	GREEN TECHNOLOGIES	18	29	3
14A91A2713	RT41271	INTEGRATED ASSET MANAGEMENT	11	35	3
14A91A2713	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	11	44	3
14A91A2713	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	15	50	3
14A91A2713	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	17	8	0
14A91A2713	RT41279	COAL BED METHANE ENGINEERING	13	31	3
14A91A2713	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	18	38	2
14A91A2713	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	14	36	2
14A91A2713	RT4127N	PRESENTATION OF SIP REPORT	17	35	2
14A91A2714	RT41026	NON CONVENTIONAL SOURCES OF ENERGY	19	11	0
14A91A2715	RT41026	NON CONVENTIONAL SOURCES OF ENERGY	22	6	0
14A91A2715	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	18	14	0
14A91A2718	RT41016F	GREEN TECHNOLOGIES	19	38	3
14A91A2718	RT41271	INTEGRATED ASSET MANAGEMENT	20	47	3
14A91A2718	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	14	43	3
14A91A2718	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	15	43	3
14A91A2718	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	18	25	3
14A91A2718	RT41279	COAL BED METHANE ENGINEERING	16	35	3
14A91A2718	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	44	2
14A91A2718	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	23	44	2
14A91A2718	RT4127N	PRESENTATION OF SIP REPORT	24	48	2
14A91A2720	RT41026	NON CONVENTIONAL SOURCES OF ENERGY	20	26	3

Htno	Subcode	Subname	Internal	External	Credits
14A91A2726	RT41026	NON CONVENTIONAL SOURCES OF ENERGY	21	17	0
14A91A2726	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	17	27	3
14A91A2738	RT41016F	GREEN TECHNOLOGIES	3	29	0
14A91A2738	RT41271	INTEGRATED ASSET MANAGEMENT	18	28	3
14A91A2738	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	10	32	3
14A91A2738	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	17	33	3
14A91A2738	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	15	9	0
14A91A2738	RT41279	COAL BED METHANE ENGINEERING	13	29	3
14A91A2738	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	21	42	2
14A91A2738	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	21	43	2
14A91A2738	RT4127N	PRESENTATION OF SIP REPORT	22	45	2
14A91A2752	RT41026	NON CONVENTIONAL SOURCES OF ENERGY	22	18	0
14A91A2756	RT41016F	GREEN TECHNOLOGIES	13	32	3
14A91A2756	RT41271	INTEGRATED ASSET MANAGEMENT	8	33	3
14A91A2756	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	15	14	0
14A91A2756	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	13	42	3
14A91A2756	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	15	9	0
14A91A2756	RT41279	COAL BED METHANE ENGINEERING	11	29	3
14A91A2756	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	18	38	2
14A91A2756	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	13	37	2
14A91A2756	RT4127N	PRESENTATION OF SIP REPORT	17	35	2
14A91A3503	RT41351	MICRO IRRIGATION ENGINEERING	20	32	3
14A91A3503	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	14	19	0
14A91A3505	RT41351	MICRO IRRIGATION ENGINEERING	17	-1	0
14A91A3505	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	15	3	0
14A91A3508	RT41351	MICRO IRRIGATION ENGINEERING	20	6	0
14A91A3510	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	13	19	0
14A91A3511	RT41351	MICRO IRRIGATION ENGINEERING	16	-1	0
14A91A3511	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	9	-1	0
14A91A3513	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	15	27	3
14A91A3516	RT41351	MICRO IRRIGATION ENGINEERING	15	27	3
14A91A3516	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	10	24	0
14A91A3521	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	8	21	0
14A91A3527	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	18	39	3
14A91A3527	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	8	1	0
14A91A3529	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	13	0	0
14A91A3534	RT41351	MICRO IRRIGATION ENGINEERING	20	28	3
14A91A3534	RT41352	FARM MACHINERY AND EQUIPMENTS-II	21	15	0
14A91A3534	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	15	37	3
14A91A3534	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	20	36	3
14A91A3534	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	21	24	3
14A91A3534	RT41358	WATERSHED MANAGEMENT	18	26	3
14A91A3534	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	15	34	2
14A91A3534	RT4135M	DAIRY AND FOOD ENGINEERING LAB	19	34	2
14A95A0402	RT41041	VLSI DESIGN	24	24	3
14A95A0402	RT41042	COMPUTER NETWORKS	8	21	0
14A95A0402	RT41043	DIGITAL IMAGE PROCESSING	21	24	3
14A95A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	30	3
14A95A0402	RT41048	RADAR SYSTEMS	23	26	3
14A95A0402	RT4104A	OPTICAL COMMUNICATION	19	15	0

Htno	Subcode	Subname	Internal	External	Credits
14A95A0402	RT4104L	V L S I LAB	21	32	2
14A95A0402	RT4104M	MICROWAVE ENGINEERING LAB	21	31	2
15A91A0101	RT41011	ENVIRONMENTAL ENGINEERING- II	21	44	3
15A91A0101	RT41012	PRESTRESSED CONCRETE	17	41	3
15A91A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	36	3
15A91A0101	RT41014	WATER RESOURCES ENGINEERING - II	16	67	3
15A91A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	50	3
15A91A0101	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	33	3
15A91A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	43	2
15A91A0101	RT4101M	GIS AND CAD LAB	25	38	2
15A91A0102	RT41011	ENVIRONMENTAL ENGINEERING- II	15	36	3
15A91A0102	RT41012	PRESTRESSED CONCRETE	15	6	0
15A91A0102	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	32	3
15A91A0102	RT41014	WATER RESOURCES ENGINEERING - II	16	15	0
15A91A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	60	3
15A91A0102	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	25	3
15A91A0102	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	41	2
15A91A0102	RT4101M	GIS AND CAD LAB	19	38	2
15A91A0103	RT41011	ENVIRONMENTAL ENGINEERING- II	18	31	3
15A91A0103	RT41012	PRESTRESSED CONCRETE	13	27	3
15A91A0103	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	46	3
15A91A0103	RT41014	WATER RESOURCES ENGINEERING - II	18	34	3
15A91A0103	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	31	3
15A91A0103	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	10	0
15A91A0103	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
15A91A0103	RT4101M	GIS AND CAD LAB	13	36	2
15A91A0104	RT41011	ENVIRONMENTAL ENGINEERING- II	29	58	3
15A91A0104	RT41012	PRESTRESSED CONCRETE	29	69	3
15A91A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	53	3
15A91A0104	RT41014	WATER RESOURCES ENGINEERING - II	30	54	3
15A91A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	59	3
15A91A0104	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	61	3
15A91A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15A91A0104	RT4101M	GIS AND CAD LAB	25	49	2
15A91A0105	RT41011	ENVIRONMENTAL ENGINEERING- II	21	37	3
15A91A0105	RT41012	PRESTRESSED CONCRETE	25	42	3
15A91A0105	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	41	3
15A91A0105	RT41014	WATER RESOURCES ENGINEERING - II	26	49	3
15A91A0105	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	50	3
15A91A0105	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	29	3
15A91A0105	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
15A91A0105	RT4101M	GIS AND CAD LAB	22	42	2
15A91A0106	RT41011	ENVIRONMENTAL ENGINEERING- II	26	45	3
15A91A0106	RT41012	PRESTRESSED CONCRETE	25	38	3
15A91A0106	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	59	3
15A91A0106	RT41014	WATER RESOURCES ENGINEERING - II	30	42	3
15A91A0106	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	70	3
15A91A0106	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	26	3
15A91A0106	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	49	2
15A91A0106	RT4101M	GIS AND CAD LAB	24	47	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0107	RT41011	ENVIRONMENTAL ENGINEERING- II	24	32	3
15A91A0107	RT41012	PRESTRESSED CONCRETE	16	43	3
15A91A0107	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	44	3
15A91A0107	RT41014	WATER RESOURCES ENGINEERING - II	22	43	3
15A91A0107	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	27	3
15A91A0107	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	31	3
15A91A0107	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	44	2
15A91A0107	RT4101M	GIS AND CAD LAB	17	37	2
15A91A0108	RT41011	ENVIRONMENTAL ENGINEERING- II	15	33	3
15A91A0108	RT41012	PRESTRESSED CONCRETE	14	6	0
15A91A0108	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	33	3
15A91A0108	RT41014	WATER RESOURCES ENGINEERING - II	13	30	3
15A91A0108	RT41015	REMOTE SENSING AND GIS APPLICATIONS	15	34	3
15A91A0108	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	12	0
15A91A0108	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	33	2
15A91A0108	RT4101M	GIS AND CAD LAB	13	34	2
15A91A0110	RT41011	ENVIRONMENTAL ENGINEERING- II	20	40	3
15A91A0110	RT41012	PRESTRESSED CONCRETE	20	39	3
15A91A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	51	3
15A91A0110	RT41014	WATER RESOURCES ENGINEERING - II	20	47	3
15A91A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	15	51	3
15A91A0110	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	29	3
15A91A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	44	2
15A91A0110	RT4101M	GIS AND CAD LAB	13	36	2
15A91A0111	RT41011	ENVIRONMENTAL ENGINEERING- II	24	54	3
15A91A0111	RT41012	PRESTRESSED CONCRETE	24	43	3
15A91A0111	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	48	3
15A91A0111	RT41014	WATER RESOURCES ENGINEERING - II	28	42	3
15A91A0111	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	70	3
15A91A0111	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	43	3
15A91A0111	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
15A91A0111	RT4101M	GIS AND CAD LAB	24	49	2
15A91A0112	RT41011	ENVIRONMENTAL ENGINEERING- II	19	31	3
15A91A0112	RT41012	PRESTRESSED CONCRETE	21	36	3
15A91A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	55	3
15A91A0112	RT41014	WATER RESOURCES ENGINEERING - II	22	37	3
15A91A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	29	3
15A91A0112	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	39	3
15A91A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	43	2
15A91A0112	RT4101M	GIS AND CAD LAB	12	36	2
15A91A0113	RT41011	ENVIRONMENTAL ENGINEERING- II	16	19	0
15A91A0113	RT41012	PRESTRESSED CONCRETE	15	2	0
15A91A0113	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	9	0
15A91A0113	RT41014	WATER RESOURCES ENGINEERING - II	15	18	0
15A91A0113	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	32	3
15A91A0113	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	24	3
15A91A0113	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	34	2
15A91A0113	RT4101M	GIS AND CAD LAB	12	30	2
15A91A0114	RT41011	ENVIRONMENTAL ENGINEERING- II	2	24	0
15A91A0114	RT41012	PRESTRESSED CONCRETE	4	10	0

Htno	Subcode	Subname	Internal	External	Credits
15A91A0114	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	5	28	0
15A91A0114	RT41014	WATER RESOURCES ENGINEERING - II	3	42	3
15A91A0114	RT41015	REMOTE SENSING AND GIS APPLICATIONS	3	37	3
15A91A0114	RT41016	GROUND IMPROVEMENT TECHNIQUES	5	13	0
15A91A0114	RT4101L	ENVIRONMENTAL ENGINEERING LAB	6	32	2
15A91A0114	RT4101M	GIS AND CAD LAB	11	34	2
15A91A0115	RT41011	ENVIRONMENTAL ENGINEERING- II	24	40	3
15A91A0115	RT41012	PRESTRESSED CONCRETE	17	39	3
15A91A0115	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	41	3
15A91A0115	RT41014	WATER RESOURCES ENGINEERING - II	18	29	3
15A91A0115	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	70	3
15A91A0115	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	29	3
15A91A0115	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
15A91A0115	RT4101M	GIS AND CAD LAB	17	34	2
15A91A0116	RT41011	ENVIRONMENTAL ENGINEERING- II	22	36	3
15A91A0116	RT41012	PRESTRESSED CONCRETE	20	41	3
15A91A0116	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	48	3
15A91A0116	RT41014	WATER RESOURCES ENGINEERING - II	29	45	3
15A91A0116	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	34	3
15A91A0116	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	31	3
15A91A0116	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
15A91A0116	RT4101M	GIS AND CAD LAB	25	50	2
15A91A0117	RT41011	ENVIRONMENTAL ENGINEERING- II	21	33	3
15A91A0117	RT41012	PRESTRESSED CONCRETE	20	33	3
15A91A0117	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	28	3
15A91A0117	RT41014	WATER RESOURCES ENGINEERING - II	14	26	3
15A91A0117	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	34	3
15A91A0117	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	24	3
15A91A0117	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	44	2
15A91A0117	RT4101M	GIS AND CAD LAB	20	32	2
15A91A0118	RT41011	ENVIRONMENTAL ENGINEERING- II	23	39	3
15A91A0118	RT41012	PRESTRESSED CONCRETE	25	43	3
15A91A0118	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	60	3
15A91A0118	RT41014	WATER RESOURCES ENGINEERING - II	23	50	3
15A91A0118	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	60	3
15A91A0118	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	27	3
15A91A0118	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	44	2
15A91A0118	RT4101M	GIS AND CAD LAB	14	46	2
15A91A0119	RT41011	ENVIRONMENTAL ENGINEERING- II	23	42	3
15A91A0119	RT41012	PRESTRESSED CONCRETE	24	40	3
15A91A0119	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	49	3
15A91A0119	RT41014	WATER RESOURCES ENGINEERING - II	26	28	3
15A91A0119	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	69	3
15A91A0119	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	30	3
15A91A0119	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
15A91A0119	RT4101M	GIS AND CAD LAB	24	49	2
15A91A0120	RT41011	ENVIRONMENTAL ENGINEERING- II	20	45	3
15A91A0120	RT41012	PRESTRESSED CONCRETE	26	38	3
15A91A0120	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	48	3
15A91A0120	RT41014	WATER RESOURCES ENGINEERING - II	27	45	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0120	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	38	3
15A91A0120	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	42	3
15A91A0120	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	49	2
15A91A0120	RT4101M	GIS AND CAD LAB	23	47	2
15A91A0121	RT41011	ENVIRONMENTAL ENGINEERING- II	19	48	3
15A91A0121	RT41012	PRESTRESSED CONCRETE	21	35	3
15A91A0121	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	36	3
15A91A0121	RT41014	WATER RESOURCES ENGINEERING - II	17	39	3
15A91A0121	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	37	3
15A91A0121	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	45	3
15A91A0121	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	49	2
15A91A0121	RT4101M	GIS AND CAD LAB	23	48	2
15A91A0122	RT41011	ENVIRONMENTAL ENGINEERING- II	26	44	3
15A91A0122	RT41011	PRESTRESSED CONCRETE	25	50	3
15A91A0122	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	63	3
15A91A0122	RT41014	WATER RESOURCES ENGINEERING - II	29	68	3
15A91A0122	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	56	3
15A91A0122	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	34	3
15A91A0122	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	48	2
15A91A0122	RT4101L	GIS AND CAD LAB	24	46	2
15A91A0123	RT410111	ENVIRONMENTAL ENGINEERING- II	19	37	3
15A91A0123	RT41011	PRESTRESSED CONCRETE	20	18	0
15A91A0123	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	40	3
15A91A0123	RT41013	WATER RESOURCES ENGINEERING - II	20	24	3
15A91A0123	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	36	3
15A91A0123	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	24	3
15A91A0123	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15A91A0123	RT4101L	GIS AND CAD LAB	21	47	2
15A91A0124	RT41011	ENVIRONMENTAL ENGINEERING- II	24	38	3
15A91A0124	RT41012	PRESTRESSED CONCRETE	16	56	3
15A91A0124	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	42	3
15A91A0124	RT41014	WATER RESOURCES ENGINEERING - II	17	29	3
15A91A0124	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	32	3
15A91A0124	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	39	3
15A91A0124	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	44	2
15A91A0124	RT4101M	GIS AND CAD LAB	20	41	2
15A91A0125	RT41011	ENVIRONMENTAL ENGINEERING- II	30	44	3
15A91A0125	RT41012	PRESTRESSED CONCRETE	30	52	3
15A91A0125	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	48	3
15A91A0125	RT41014	WATER RESOURCES ENGINEERING - II	30	58	3
15A91A0125	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	56	3
15A91A0125	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	55	3
15A91A0125	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15A91A0125	RT4101M	GIS AND CAD LAB	25	50	2
15A91A0126	RT41011	ENVIRONMENTAL ENGINEERING- II	20	32	3
15A91A0126	RT41012	PRESTRESSED CONCRETE	18	30	3
15A91A0126	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	46	3
15A91A0126	RT41014	WATER RESOURCES ENGINEERING - II	16	56	3
15A91A0126	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	48	3
15A91A0126	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	27	3
	3.0	545-5			

Htno	Subcode	Subname	Internal	External	Credits
15A91A0126	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	39	2
15A91A0126	RT4101M	GIS AND CAD LAB	11	32	2
15A91A0127	RT41011	ENVIRONMENTAL ENGINEERING- II	29	67	3
15A91A0127	RT41012	PRESTRESSED CONCRETE	30	54	3
15A91A0127	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	61	3
15A91A0127	RT41014	WATER RESOURCES ENGINEERING - II	30	49	3
15A91A0127	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	70	3
15A91A0127	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	58	3
15A91A0127	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	49	2
15A91A0127	RT4101M	GIS AND CAD LAB	25	50	2
15A91A0128	RT41011	ENVIRONMENTAL ENGINEERING- II	19	33	3
15A91A0128	RT41012	PRESTRESSED CONCRETE	20	46	3
15A91A0128	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	41	3
15A91A0128	RT41014	WATER RESOURCES ENGINEERING - II	22	39	3
15A91A0128	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	30	3
15A91A0128	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	32	3
15A91A0128	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	49	2
15A91A0128	RT4101M	GIS AND CAD LAB	19	34	2
15A91A0129	RT41011	ENVIRONMENTAL ENGINEERING- II	16	24	3
15A91A0129	RT41012	PRESTRESSED CONCRETE	19	10	0
15A91A0129	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	33	3
15A91A0129	RT41014	WATER RESOURCES ENGINEERING - II	14	27	3
15A91A0129	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	33	3
15A91A0129	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	26	3
15A91A0129	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	34	2
15A91A0129	RT4101M	GIS AND CAD LAB	17	30	2
15A91A0130	RT41011	ENVIRONMENTAL ENGINEERING- II	18	30	3
15A91A0130	RT41012	PRESTRESSED CONCRETE	18	30	3
15A91A0130	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	43	3
15A91A0130	RT41014	WATER RESOURCES ENGINEERING - II	12	57	3
15A91A0130	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	47	3
15A91A0130	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	27	3
15A91A0130	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
15A91A0130	RT4101M	GIS AND CAD LAB	14	34	2
15A91A0131	RT41011	ENVIRONMENTAL ENGINEERING- II	25	49	3
15A91A0131	RT41012	PRESTRESSED CONCRETE	24	44	3
15A91A0131	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	59	3
15A91A0131	RT41014	WATER RESOURCES ENGINEERING - II	27	38	3
15A91A0131	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	70	3
15A91A0131	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	41	3
15A91A0131	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15A91A0131	RT4101M	GIS AND CAD LAB	21	41	2
15A91A0132	RT41011	ENVIRONMENTAL ENGINEERING- II	22	39	3
15A91A0132	RT41012	PRESTRESSED CONCRETE	22	43	3
15A91A0132	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	44	3
15A91A0132	RT41014	WATER RESOURCES ENGINEERING - II	22	35	3
15A91A0132	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	32	3
15A91A0132	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	37	3
15A91A0132	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
15A91A0132	RT4101M	GIS AND CAD LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0133	RT41011	ENVIRONMENTAL ENGINEERING- II	19	25	3
15A91A0133	RT41012	PRESTRESSED CONCRETE	21	50	3
15A91A0133	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	41	3
15A91A0133	RT41014	WATER RESOURCES ENGINEERING - II	16	44	3
15A91A0133	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	35	3
15A91A0133	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	34	3
15A91A0133	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	41	2
15A91A0133	RT4101M	GIS AND CAD LAB	16	38	2
15A91A0134	RT41011	ENVIRONMENTAL ENGINEERING- II	18	25	3
15A91A0134	RT41012	PRESTRESSED CONCRETE	15	36	3
15A91A0134	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	52	3
15A91A0134	RT41014	WATER RESOURCES ENGINEERING - II	11	69	3
15A91A0134	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	47	3
15A91A0134	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	27	3
15A91A0134	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	38	2
15A91A0134	RT4101M	GIS AND CAD LAB	12	34	2
15A91A0135	RT41011	ENVIRONMENTAL ENGINEERING- II	18	40	3
15A91A0135	RT41011	PRESTRESSED CONCRETE	20	10	0
15A91A0135	RT41012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	16	47	3
15A91A0135	RT41013	WATER RESOURCES ENGINEERING - II	17	24	3
15A91A0135	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	69	3
15A91A0135	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	30	3
15A91A0135	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
15A91A0135	RT4101L	GIS AND CAD LAB	17	38	2
15A91A0136	RT4101M	ENVIRONMENTAL ENGINEERING- II	22	33	3
15A91A0136	RT41011	PRESTRESSED CONCRETE	20	39	3
15A91A0136	RT41012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	35	3
15A91A0136	RT41013	WATER RESOURCES ENGINEERING - II	19	25	3
15A91A0136	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	28	3
15A91A0136	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	32	3
15A91A0136	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15A91A0136	RT4101L	GIS AND CAD LAB	13	33	2
15A91A0137	RT410111	ENVIRONMENTAL ENGINEERING- II	26	33	3
15A91A0137	RT41012	PRESTRESSED CONCRETE	22	48	3
15A91A0137	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	38	3
15A91A0137	RT41014	WATER RESOURCES ENGINEERING - II	26	38	3
15A91A0137	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	35	3
15A91A0137	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	45	3
15A91A0137	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
15A91A0137	RT4101M	GIS AND CAD LAB	24	46	2
15A91A0138	RT41011	ENVIRONMENTAL ENGINEERING- II	28	42	3
15A91A0138	RT41012	PRESTRESSED CONCRETE	26	48	3
15A91A0138	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	57	3
15A91A0138	RT41014	WATER RESOURCES ENGINEERING - II	28	70	3
15A91A0138	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	61	3
15A91A0138	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	48	3
15A91A0138	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	50	2
15A91A0138	RT4101L	GIS AND CAD LAB	24	49	2
15A91A0139	RT4101M	ENVIRONMENTAL ENGINEERING- II	27	45	3
15A91A0139	RT41011	PRESTRESSED CONCRETE	19	37	3
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15A91A0139 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 25 46 3 15A91A0139 RT41014 WATER RESOURCES ENGINEERING - II 17 38 3 15A91A0139 RT41015 REMOTE SENSING AND GIS APPULCATIONS 26 70 3 15A91A0139 RT41016 GROUND IMPROVEMENT TECHNIQUES 27 44 3 15A91A0139 RT41016 GROUND IMPROVEMENT TECHNIQUES 27 44 3 15A91A0139 RT41016 GROUND IMPROVEMENT TECHNIQUES 27 44 3 15A91A0139 RT41016 GROUND IMPROVEMENT TECHNIQUES 27 41 3 15A91A0140 RT41011 ENVIRONMENTAL ENGINEERING - II 27 61 3 15A91A0140 RT41011 ENVIRONMENTAL ENGINEERING - II 27 61 3 15A91A0140 RT41011 PRESTRESSED CONCRETE 26 54 3 15A91A0140 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 21 55 3 3 3 3 3 3 3 3	Htno	Subcode	Subname	Internal	External	Credits
15A91A0139						
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15A91A0149						
15A91A0140 RT41011 ENVIRONMENTAL ENGINEERING-						
15A91A0140 RT41012 PRESTRESSED CONCRETE 26 54 3 15A91A0140 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 21 55 3 3 15A91A0140 RT41015 REMOTE SENSING AND GIS APPLICATIONS 27 33 3 15A91A0140 RT41016 GROUND IMPROVEMENT TECHNIQUES 29 38 3 3 15A91A0140 RT41016 GROUND IMPROVEMENT TECHNIQUES 29 38 3 3 15A91A0140 RT41011 ENVIRONMENTAL ENGINEERING LAB 24 50 2 15A91A0141 RT41011 ENVIRONMENTAL ENGINEERING LAB 25 48 2 15A91A0141 RT41011 ENVIRONMENTAL ENGINEERING LAB 25 48 2 15A91A0141 RT41011 ENVIRONMENTAL ENGINEERING LAB 25 48 2 15A91A0141 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 17 38 3 15A91A0141 RT41014 WATER RESOURCES ENGINEERING - II 15 34 3 15A91A0141 RT41015 REMOTE SENSING AND GIS APPLICATIONS 15 34 3 15A91A0141 RT41016 GROUND IMPROVEMENT TECHNIQUES 27 42 3 33 2 2 2 2 3 38 2 2 2 3 38 2 2 3 3 3 3 3 3 3 3						
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15A91A0141 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 17 38 3 15A91A0141 RT41014 WATER RESOURCES ENGINEERING - 1 15 34 3 3 15A91A0141 RT41016 REMOTE SENSING AND GIS APPLICATIONS 15 34 3 3 15A91A0141 RT41016 GROUND IMPROVEMENT TECHNIQUES 27 42 3 38 2 2 15A91A0142 RT4101L ENVIRONMENTAL ENGINEERING LAB 23 38 2 2 2 3 38 2 2 3 38 2 2 3 3 2 3 3 2 3 3						
15A91A0141 RT41014 RT41015 REMOTE SENSING AND GIS APPLICATIONS 15 34 3 3 15A91A0141 RT41016 GROUND IMPROVEMENT TECHNIQUES 27 42 3 3 15A91A0141 RT41011 ENVIRONMENTAL ENGINEERING LAB 23 38 2 15A91A0141 RT41011 ENVIRONMENTAL ENGINEERING LAB 19 37 2 15A91A0142 RT41011 ENVIRONMENTAL ENGINEERING-II 28 51 3 3 15A91A0142 RT41012 PRESTRESSED CONCRETE 29 45 3 3 15A91A0142 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 27 61 3 3 15A91A0142 RT41014 WATER RESOURCES ENGINEERING-II 29 64 3 15A91A0142 RT41015 REMOTE SENSING AND GIS APPLICATIONS 30 60 3 3 15A91A0142 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 36 3 3 15A91A0142 RT41011 ENVIRONMENTAL ENGINEERING-II 15 25 50 2 2 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING-II 15 25 50 2 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING-II 15 25 3 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING-II 15 25 3 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING-II 15 25 3 3 15A91A0143 RT41012 PRESTRESSED CONCRETE 24 7 0 0 15A91A0143 RT41014 WATER RESOURCES ENGINEERING-II 9 15 0 15A91A0143 RT41014 WATER RESOURCES ENGINEERING-II 9 15 0 15A91A0143 RT41014 WATER RESOURCES ENGINEERING-II 9 15 0 15A91A0143 RT41016 GROUND IMPROVEMENT TECHNIQUES 26 25 3 15A91A0143 RT41014 WATER RESOURCES ENGINEERING-II 9 15 0 15A91A0144 RT41016 GROUND IMPROVEMENT TECHNIQUES 26 25 3 15A91A0144 RT41011 ENVIRONMENTAL ENGINEERING-II 28 42 3 15A91A0144 RT41014 GIS AND CAD LAB 14 31 2 15A91A0144 RT41014 RT41015 REMOTE SENSING AND GIS APPLICATIONS 28 43 3 15A91A0144 RT41014 WATER RESOURCES ENGINEERING-II 28 42 3 15A91A0144 RT41015 REMOTE SENSING AND GIS APPLICATIONS 28 43 3 15A91A0144 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 43 3 15A91A0144 RT41016 GROUND IMPROVEMENT TECHN						
15A91A0141 RT41015 REMOTE SENSING AND GIS APPLICATIONS 15 34 3 15A91A0141 RT41016 GROUND IMPROVEMENT TECHNIQUES 27 42 3 38 2 15A91A0141 RT41011 GIS AND CAD LAB 19 37 2 15A91A0141 RT41011 ENVIRONMENTAL ENGINEERING LAB 19 37 2 15A91A0142 RT41011 ENVIRONMENTAL ENGINEERING-II 28 51 3 15A91A0142 RT41011 ENVIRONMENTAL ENGINEERING-II 28 51 3 15A91A0142 RT41012 PRESTRESSED CONCRETE 29 45 3 15A91A0142 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 27 61 3 3 15A91A0142 RT41015 REMOTE SENSING AND GIS APPLICATIONS 30 60 3 3 15A91A0142 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 36 3 3 3 3 3 3 3 3						
15A91A0141 RT41016 GROUND IMPROVEMENT TECHNIQUES 27 42 3 15A91A0141 RT4101L ENVIRONMENTAL ENGINEERING LAB 23 38 2 2 2 2 3 38 2 2 2 3 38 2 2 2 3 38 2 2 2 3 38 2 2 2 3 38 2 2 2 3 38 2 2 2 3 38 2 2 2 3 38 2 2 2 3 38 2 2 2 3 38 2 2 2 3 38 2 2 3 38 2 2 3 38 2 2 3 38 2 2 3 38 2 2 3 38 2 2 3 38 2 3 3 3 3 3 3 3 3 3						
15A91A0141 RT4101L ENVIRONMENTAL ENGINEERING LAB 19 37 2 15A91A0141 RT4101M GIS AND CAD LAB 19 37 2 15A91A0142 RT41011 ENVIRONMENTAL ENGINEERING-II 28 51 3 15A91A0142 RT41012 PRESTRESSED CONCRETE 29 45 3 15A91A0142 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 27 61 3 15A91A0142 RT41014 WATER RESOURCES ENGINEERING-II 29 64 3 15A91A0142 RT41015 REMOTE SENSING AND GIS APPLICATIONS 30 60 3 3 3 6 3 15A91A0142 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 36 3 3 3 3 6 3 3 3						
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15A91A0142 RT41012 PRESTRESSED CONCRETE 29 45 3 15A91A0142 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 27 61 3 15A91A0142 RT41014 WATER RESOURCES ENGINEERING - II 29 64 3 15A91A0142 RT41015 REMOTE SENSING AND GIS APPLICATIONS 30 60 3 15A91A0142 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 36 3 15A91A0142 RT4101M GROUND IMPROVEMENT TECHNIQUES 30 36 3 15A91A0142 RT4101M GIS AND CAD LAB 25 50 2 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING- II 15 25 3 15A91A0143 RT41012 PRESTRESSED CONCRETE 24 7 0 15A91A0143 RT41014 WATER RESOURCES ENGINEERING- II 9 15 0 15A91A0143 RT41016 REMOTE SENSING AND GIS APPLICATIONS 15 38 3 15A91A0143 RT41016 GROUND IMPROVEMENT T						
15A91A0142 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 27 61 3 15A91A0142 RT41014 WATER RESOURCES ENGINEERING - II 29 64 3 15A91A0142 RT41015 REMOTE SENSING AND GIS APPLICATIONS 30 60 3 15A91A0142 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 36 3 15A91A0142 RT4101L ENVIRONMENTAL ENGINEERING LAB 24 50 2 15A91A0142 RT4101M GIS AND CAD LAB 25 50 2 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING- II 15 25 3 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING- II 15 25 3 15A91A0143 RT41014 WATER RESOURCES ENGINEERING - II 9 15 0 15A91A0143 RT41014 WATER RESOURCES ENGINEERING - II 9 15 0 15A91A0143 RT41015 REMOTE SENSING AND GIS APPLICATIONS 15 38 3 15A91A0143 RT41016 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
15A91A0142 RT41014 WATER RESOURCES ENGINEERING - II 29 64 3 15A91A0142 RT41015 REMOTE SENSING AND GIS APPLICATIONS 30 60 3 15A91A0142 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 36 3 15A91A0142 RT4101L ENVIRONMENTAL ENGINEERING LAB 24 50 2 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING- II 15 25 50 2 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING- II 15 25 3 15A91A0143 RT41012 PRESTRESSED CONCRETE 24 7 0 15A91A0143 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 17 39 3 15A91A0143 RT41014 WATER RESOURCES ENGINEERING - II 9 15 0 15A91A0143 RT41016 GROUND IMPROVEMENT TECHNIQUES 26 25 3 15A91A0143 RT4101L ENVIRONMENTAL ENGINEERING LAB 17 38 2 15A91A0144 RT41011						
15A91A0142 RT41015 REMOTE SENSING AND GIS APPLICATIONS 30 60 3 15A91A0142 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 36 3 15A91A0142 RT4101L ENVIRONMENTAL ENGINEERING LAB 24 50 2 15A91A0143 RT4101M GIS AND CAD LAB 25 50 2 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING-II 15 25 3 15A91A0143 RT41012 PRESTRESSED CONCRETE 24 7 0 15A91A0143 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 17 39 3 15A91A0143 RT41014 WATER RESOURCES ENGINEERING-II 9 15 0 15A91A0143 RT41015 REMOTE SENSING AND GIS APPLICATIONS 15 38 3 15A91A0143 RT41016 GROUND IMPROVEMENT TECHNIQUES 26 25 3 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING-II 28 42 3 15A91A0144 RT41011 ENVIRONMENTAL ENG						
15A91A0142 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 36 3 15A91A0142 RT4101L ENVIRONMENTAL ENGINEERING LAB 24 50 2 15A91A0142 RT4101M GIS AND CAD LAB 25 50 2 15A91A0143 RT41011 ENVIRONMENTAL ENGINEERING-II 15 25 3 15A91A0143 RT41012 PRESTRESSED CONCRETE 24 7 0 15A91A0143 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 17 39 3 15A91A0143 RT41014 WATER RESOURCES ENGINEERING - II 9 15 0 15A91A0143 RT41015 REMOTE SENSING AND GIS APPLICATIONS 15 38 3 15A91A0143 RT41016 GROUND IMPROVEMENT TECHNIQUES 26 25 3 15A91A0143 RT4101L ENVIRONMENTAL ENGINEERING LAB 17 38 2 15A91A0144 RT41011 ENVIRONMENTAL ENGINEERING-II 28 42 3 15A91A0144 RT41013 CONSTRUCTION TECHNOLO						
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15A91A0143 RT41015 REMOTE SENSING AND GIS APPLICATIONS 15 38 3 15A91A0143 RT41016 GROUND IMPROVEMENT TECHNIQUES 26 25 3 15A91A0143 RT4101L ENVIRONMENTAL ENGINEERING LAB 17 38 2 15A91A0143 RT4101M GIS AND CAD LAB 14 31 2 15A91A0144 RT41011 ENVIRONMENTAL ENGINEERING-II 28 42 3 15A91A0144 RT41012 PRESTRESSED CONCRETE 26 60 3 15A91A0144 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 28 53 3 15A91A0144 RT41014 WATER RESOURCES ENGINEERING - II 30 64 3 15A91A0144 RT41015 REMOTE SENSING AND GIS APPLICATIONS 28 43 3 15A91A0144 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 43 3 15A91A0144 RT4101L ENVIRONMENTAL ENGINEERING LAB 23 49 2 15A91A0144 RT4101M GIS AND CAD LAB 24 49 2 15A91A0146 RT41011 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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15A91A0144 RT41016 GROUND IMPROVEMENT TECHNIQUES 30 43 3 15A91A0144 RT4101L ENVIRONMENTAL ENGINEERING LAB 23 49 2 15A91A0144 RT4101M GIS AND CAD LAB 24 49 2 15A91A0146 RT41011 ENVIRONMENTAL ENGINEERING- II 23 39 3 15A91A0146 RT41012 PRESTRESSED CONCRETE 20 52 3	15A91A0144	RT41014	WATER RESOURCES ENGINEERING - II	30	64	3
15A91A0144 RT4101L ENVIRONMENTAL ENGINEERING LAB 23 49 2 15A91A0144 RT4101M GIS AND CAD LAB 24 49 2 15A91A0146 RT41011 ENVIRONMENTAL ENGINEERING- II 23 39 3 15A91A0146 RT41012 PRESTRESSED CONCRETE 20 52 3	15A91A0144	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	43	3
15A91A0144 RT4101M GIS AND CAD LAB 24 49 2 15A91A0146 RT41011 ENVIRONMENTAL ENGINEERING- II 23 39 3 15A91A0146 RT41012 PRESTRESSED CONCRETE 20 52 3	15A91A0144	RT41016	GROUND IMPROVEMENT TECHNIQUES			3
15A91A0146 RT41011 ENVIRONMENTAL ENGINEERING- II 23 39 3 15A91A0146 RT41012 PRESTRESSED CONCRETE 20 52 3	15A91A0144	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	49	2
15A91A0146 RT41012 PRESTRESSED CONCRETE 20 52 3	15A91A0144	RT4101M	GIS AND CAD LAB	24	49	2
	15A91A0146	RT41011	ENVIRONMENTAL ENGINEERING- II	23	39	3
15A91A0146 RT41013 CONSTRUCTION TECHNOLOGY AND MANAGEMENT 28 52 3	15A91A0146	RT41012	PRESTRESSED CONCRETE	20	52	3
	15A91A0146	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	52	3
15A91A0146 RT41014 WATER RESOURCES ENGINEERING - II 26 48 3	15A91A0146	RT41014	WATER RESOURCES ENGINEERING - II	26	48	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0146	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	51	3
15A91A0146	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	54	3
15A91A0146	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
15A91A0146	RT4101M	GIS AND CAD LAB	12	38	2
15A91A0147	RT41011	ENVIRONMENTAL ENGINEERING- II	24	40	3
15A91A0147	RT41012	PRESTRESSED CONCRETE	22	46	3
15A91A0147	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	58	3
15A91A0147	RT41014	WATER RESOURCES ENGINEERING - II	25	70	3
15A91A0147	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	52	3
15A91A0147	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	45	3
15A91A0147	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
15A91A0147	RT4101M	GIS AND CAD LAB	21	44	2
15A91A0148	RT41011	ENVIRONMENTAL ENGINEERING- II	29	56	3
15A91A0148	RT41012	PRESTRESSED CONCRETE	28	42	3
15A91A0148	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	57	3
15A91A0148	RT41014	WATER RESOURCES ENGINEERING - II	30	41	3
15A91A0148	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	70	3
15A91A0148	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	54	3
15A91A0148	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	50	2
15A91A0148	RT4101M	GIS AND CAD LAB	25	50	2
15A91A0149	RT41011	ENVIRONMENTAL ENGINEERING- II	25	35	3
15A91A0149	RT41012	PRESTRESSED CONCRETE	21	32	3
15A91A0149	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	58	3
15A91A0149	RT41014	WATER RESOURCES ENGINEERING - II	17	44	3
15A91A0149	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	27	3
15A91A0149	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	24	3
15A91A0149	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	39	2
15A91A0149	RT4101M	GIS AND CAD LAB	19	37	2
15A91A0150	RT41011	ENVIRONMENTAL ENGINEERING- II	16	10	0
15A91A0150	RT41012	PRESTRESSED CONCRETE	11	7	0
15A91A0150	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	27	3
15A91A0150	RT41014	WATER RESOURCES ENGINEERING - II	19	25	3
15A91A0150	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	7	0
15A91A0150	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	25	3
15A91A0150	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	39	2
15A91A0150	RT4101M	GIS AND CAD LAB	18	37	2
15A91A0151	RT41011	ENVIRONMENTAL ENGINEERING- II	23	45	3
15A91A0151	RT41012	PRESTRESSED CONCRETE	26	41	3
15A91A0151	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	44	3
15A91A0151	RT41014	WATER RESOURCES ENGINEERING - II	25	40	3
15A91A0151	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	37	3
15A91A0151	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	27	3
15A91A0151	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15A91A0151	RT4101M	GIS AND CAD LAB	21	44	2
15A91A0152	RT41011	ENVIRONMENTAL ENGINEERING- II	26	45	3
15A91A0152	RT41012	PRESTRESSED CONCRETE	26	40	3
15A91A0152	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	61	3
15A91A0152	RT41014	WATER RESOURCES ENGINEERING - II	24	42	3
15A91A0152	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	70	3
15A91A0152	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	40	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0152	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15A91A0152	RT4101M	GIS AND CAD LAB	24	48	2
15A91A0153	RT41011	ENVIRONMENTAL ENGINEERING- II	24	24	3
15A91A0153	RT41012	PRESTRESSED CONCRETE	20	33	3
15A91A0153	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	30	3
15A91A0153	RT41014	WATER RESOURCES ENGINEERING - II	24	28	3
15A91A0153	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	17	0
15A91A0153	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	8	0
15A91A0153	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	48	2
15A91A0153	RT4101M	GIS AND CAD LAB	19	38	2
15A91A0154	RT41011	ENVIRONMENTAL ENGINEERING- II	30	47	3
15A91A0154	RT41012	PRESTRESSED CONCRETE	28	70	3
15A91A0154	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	53	3
15A91A0154	RT41014	WATER RESOURCES ENGINEERING - II	30	54	3
15A91A0154	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	69	3
15A91A0154	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	67	3
15A91A0154	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15A91A0154	RT4101M	GIS AND CAD LAB	25	50	2
15A91A0155	RT41011	ENVIRONMENTAL ENGINEERING- II	21	43	3
15A91A0155	RT41012	PRESTRESSED CONCRETE	24	43	3
15A91A0155	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	54	3
15A91A0155	RT41014	WATER RESOURCES ENGINEERING - II	23	60	3
15A91A0155	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	38	3
15A91A0155	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	37	3
15A91A0155	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	44	2
15A91A0155	RT4101M	GIS AND CAD LAB	19	41	2
15A91A0156	RT41011	ENVIRONMENTAL ENGINEERING- II	18	45	3
15A91A0156	RT41012	PRESTRESSED CONCRETE	19	40	3
15A91A0156	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	46	3
15A91A0156	RT41014	WATER RESOURCES ENGINEERING - II	17	39	3
15A91A0156	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	70	3
15A91A0156	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	37	3
15A91A0156	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	39	2
15A91A0156	RT4101M	GIS AND CAD LAB	19	41	2
15A91A0157	RT41011	ENVIRONMENTAL ENGINEERING- II	29	43	3
15A91A0157	RT41012	PRESTRESSED CONCRETE	28	55	3
15A91A0157	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	47	3
15A91A0157	RT41014	WATER RESOURCES ENGINEERING - II	26	36	3
15A91A0157	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	29	3
15A91A0157	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	36	3
15A91A0157	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	43	2
15A91A0157	RT4101M	GIS AND CAD LAB	24	49	2
15A91A0158	RT41011	ENVIRONMENTAL ENGINEERING- II	25	55	3
15A91A0158	RT41012	PRESTRESSED CONCRETE	29	70	3
15A91A0158	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	39	3
15A91A0158	RT41014	WATER RESOURCES ENGINEERING - II	30	56	3
15A91A0158	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	58	3
15A91A0158	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	62	3
15A91A0158	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15A91A0158	RT4101M	GIS AND CAD LAB	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0159	RT41011	ENVIRONMENTAL ENGINEERING- II	18	35	3
15A91A0159	RT41012	PRESTRESSED CONCRETE	21	13	0
15A91A0159	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	44	3
15A91A0159	RT41014	WATER RESOURCES ENGINEERING - II	16	39	3
15A91A0159	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	41	3
15A91A0159	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	29	3
15A91A0159	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	41	2
15A91A0159	RT4101M	GIS AND CAD LAB	12	32	2
15A91A0160	RT41011	ENVIRONMENTAL ENGINEERING- II	19	33	3
15A91A0160	RT41012	PRESTRESSED CONCRETE	19	28	3
15A91A0160	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	57	3
15A91A0160	RT41014	WATER RESOURCES ENGINEERING - II	20	45	3
15A91A0160	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	37	3
15A91A0160	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	28	3
15A91A0160	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	44	2
15A91A0160	RT4101M	GIS AND CAD LAB	18	33	2
15A91A0161	RT41011	ENVIRONMENTAL ENGINEERING- II	30	44	3
15A91A0161	RT41012	PRESTRESSED CONCRETE	25	42	3
15A91A0161	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	50	3
15A91A0161	RT41014	WATER RESOURCES ENGINEERING - II	27	50	3
15A91A0161	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	36	3
15A91A0161	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	45	3
15A91A0161	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
15A91A0161	RT4101M	GIS AND CAD LAB	24	48	2
15A91A0162	RT41011	ENVIRONMENTAL ENGINEERING- II	21	44	3
15A91A0162	RT41012	PRESTRESSED CONCRETE	23	48	3
15A91A0162	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	48	3
15A91A0162	RT41014	WATER RESOURCES ENGINEERING - II	29	47	3
15A91A0162	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	39	3
15A91A0162	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	65	3
15A91A0162	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	43	2
15A91A0162	RT4101M	GIS AND CAD LAB	23	44	2
15A91A0163	RT41011	ENVIRONMENTAL ENGINEERING- II	22	34	3
15A91A0163	RT41012	PRESTRESSED CONCRETE	19	29	3
15A91A0163	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	46	3
15A91A0163	RT41014	WATER RESOURCES ENGINEERING - II	25	49	3
15A91A0163	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	28	3
15A91A0163	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	36	3
15A91A0163	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
15A91A0163	RT4101M	GIS AND CAD LAB	23	49	2
15A91A0164	RT41011	ENVIRONMENTAL ENGINEERING- II	16	25	3
15A91A0164	RT41012	PRESTRESSED CONCRETE	12	35	3
15A91A0164	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	38	3
15A91A0164	RT41014	WATER RESOURCES ENGINEERING - II	21	36	3
15A91A0164	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	34	3
15A91A0164	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	6	0
15A91A0164	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	44	2
15A91A0164	RT4101M	GIS AND CAD LAB	23	43	2
15A91A0165	RT41011	ENVIRONMENTAL ENGINEERING- II	26	32	3
15A91A0165	RT41012	PRESTRESSED CONCRETE	25	55	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0165	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	54	3
15A91A0165	RT41014	WATER RESOURCES ENGINEERING - II	27	42	3
15A91A0165	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	40	3
15A91A0165	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	42	3
15A91A0165	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	46	2
15A91A0165	RT4101M	GIS AND CAD LAB	22	44	2
15A91A0166	RT41011	ENVIRONMENTAL ENGINEERING- II	20	24	3
15A91A0166	RT41012	PRESTRESSED CONCRETE	11	22	0
15A91A0166	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	25	3
15A91A0166	RT41014	WATER RESOURCES ENGINEERING - II	19	24	3
15A91A0166	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	20	0
15A91A0166	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	36	3
15A91A0166	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	41	2
15A91A0166	RT4101M	GIS AND CAD LAB	18	38	2
15A91A0167	RT41011	ENVIRONMENTAL ENGINEERING- II	25	46	3
15A91A0167	RT41012	PRESTRESSED CONCRETE	29	35	3
15A91A0167	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	68	3
15A91A0167	RT41014	WATER RESOURCES ENGINEERING - II	29	60	3
15A91A0167	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	55	3
15A91A0167	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	31	3
15A91A0167	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15A91A0167	RT4101M	GIS AND CAD LAB	25	49	2
15A91A0168	RT41011	ENVIRONMENTAL ENGINEERING- II	27	60	3
15A91A0168	RT41012	PRESTRESSED CONCRETE	29	57	3
15A91A0168	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	70	3
15A91A0168	RT41014	WATER RESOURCES ENGINEERING - II	30	70	3
15A91A0168	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	70	3
15A91A0168	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	56	3
15A91A0168	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	49	2
15A91A0168	RT4101M	GIS AND CAD LAB	25	50	2
15A91A0169	RT41011	ENVIRONMENTAL ENGINEERING- II	16	24	3
15A91A0169	RT41012	PRESTRESSED CONCRETE	17	41	3
15A91A0169	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	36	3
15A91A0169	RT41014	WATER RESOURCES ENGINEERING - II	18	34	3
15A91A0169	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	29	3
15A91A0169	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	33	3
15A91A0169	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	40	2
15A91A0169	RT4101M	GIS AND CAD LAB	18	37	2
15A91A0170	RT41011	ENVIRONMENTAL ENGINEERING- II	15	40	3
15A91A0170	RT41012	PRESTRESSED CONCRETE	11	36	3
15A91A0170	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	35	3
15A91A0170	RT41014	WATER RESOURCES ENGINEERING - II	20	35	3
15A91A0170	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	34	3
15A91A0170	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	42	3
15A91A0170	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	43	2
15A91A0170	RT4101M	GIS AND CAD LAB	13	41	2
15A91A0172	RT41011	ENVIRONMENTAL ENGINEERING- II	18	26	3
15A91A0172	RT41012	PRESTRESSED CONCRETE	5	37	3
15A91A0172	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	9	43	3
15A91A0172	RT41014	WATER RESOURCES ENGINEERING - II	11	61	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0172	RT41015	REMOTE SENSING AND GIS APPLICATIONS	15	45	3
15A91A0172	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	28	3
15A91A0172	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	34	2
15A91A0172	RT4101M	GIS AND CAD LAB	18	37	2
15A91A0174	RT41011	ENVIRONMENTAL ENGINEERING- II	20	40	3
15A91A0174	RT41012	PRESTRESSED CONCRETE	13	35	3
15A91A0174	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	52	3
15A91A0174	RT41014	WATER RESOURCES ENGINEERING - II	22	29	3
15A91A0174	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	70	3
15A91A0174	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	27	3
15A91A0174	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	40	2
15A91A0174	RT4101M	GIS AND CAD LAB	18	37	2
15A91A0175	RT41011	ENVIRONMENTAL ENGINEERING- II	28	31	3
15A91A0175	RT41012	PRESTRESSED CONCRETE	27	44	3
15A91A0175	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	42	3
15A91A0175	RT41014	WATER RESOURCES ENGINEERING - II	26	41	3
15A91A0175	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	27	3
15A91A0175	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	40	3
15A91A0175	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
15A91A0175	RT4101M	GIS AND CAD LAB	21	47	2
15A91A0176	RT41011	ENVIRONMENTAL ENGINEERING- II	22	43	3
15A91A0176	RT41012	PRESTRESSED CONCRETE	22	36	3
15A91A0176	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	39	3
15A91A0176	RT41014	WATER RESOURCES ENGINEERING - II	26	36	3
15A91A0176	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	34	3
15A91A0176	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	44	3
15A91A0176	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	45	2
15A91A0176	RT4101M	GIS AND CAD LAB	22	42	2
15A91A0177	RT41011	ENVIRONMENTAL ENGINEERING- II	18	32	3
15A91A0177	RT41012	PRESTRESSED CONCRETE	22	46	3
15A91A0177	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	55	3
15A91A0177	RT41014	WATER RESOURCES ENGINEERING - II	22	64	3
15A91A0177	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	35	3
15A91A0177	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	38	3
15A91A0177	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	40	2
15A91A0177	RT4101M	GIS AND CAD LAB	16	37	2
15A91A0178	RT41011	ENVIRONMENTAL ENGINEERING- II	23	51	3
15A91A0178	RT41012	PRESTRESSED CONCRETE	20	47	3
15A91A0178	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	43	3
15A91A0178	RT41014	WATER RESOURCES ENGINEERING - II	20	35	3
15A91A0178	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	63	3
15A91A0178	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	30	3
15A91A0178	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	41	2
15A91A0178	RT4101M	GIS AND CAD LAB	21	42	2
15A91A0179	RT41011	ENVIRONMENTAL ENGINEERING- II	18	24	3
15A91A0179	RT41012	PRESTRESSED CONCRETE	18	40	3
15A91A0179	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	37	3
15A91A0179	RT41014	WATER RESOURCES ENGINEERING - II	16	38	3
15A91A0179	RT41015	REMOTE SENSING AND GIS APPLICATIONS	15	29	3
15A91A0179	RT41016	GROUND IMPROVEMENT TECHNIQUES	16	36	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0179	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	34	2
15A91A0179	RT4101M	GIS AND CAD LAB	19	38	2
15A91A0180	RT41011	ENVIRONMENTAL ENGINEERING- II	26	55	3
15A91A0180	RT41012	PRESTRESSED CONCRETE	28	70	3
15A91A0180	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	50	3
15A91A0180	RT41014	WATER RESOURCES ENGINEERING - II	30	39	3
15A91A0180	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	45	3
15A91A0180	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	61	3
15A91A0180	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15A91A0180	RT4101M	GIS AND CAD LAB	25	50	2
15A91A0181	RT41011	ENVIRONMENTAL ENGINEERING- II	26	38	3
15A91A0181	RT41012	PRESTRESSED CONCRETE	27	41	3
15A91A0181	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	46	3
15A91A0181	RT41014	WATER RESOURCES ENGINEERING - II	27	53	3
15A91A0181	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	56	3
15A91A0181	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	35	3
15A91A0181	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
15A91A0181	RT4101M	GIS AND CAD LAB	24	44	2
15A91A0182	RT41011	ENVIRONMENTAL ENGINEERING- II	23	36	3
15A91A0182	RT41012	PRESTRESSED CONCRETE	23	36	3
15A91A0182	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	44	3
15A91A0182	RT41014	WATER RESOURCES ENGINEERING - II	19	28	3
15A91A0182	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	70	3
15A91A0182	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	28	3
15A91A0182	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
15A91A0182	RT4101M	GIS AND CAD LAB	21	44	2
15A91A0183	RT41011	ENVIRONMENTAL ENGINEERING- II	23	31	3
15A91A0183	RT41012	PRESTRESSED CONCRETE	26	57	3
15A91A0183	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	53	3
15A91A0183	RT41014	WATER RESOURCES ENGINEERING - II	25	68	3
15A91A0183	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	40	3
15A91A0183	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	31	3
15A91A0183	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	45	2
15A91A0183	RT4101M	GIS AND CAD LAB	22	44	2
15A91A0184	RT41011	ENVIRONMENTAL ENGINEERING- II	23	40	3
15A91A0184	RT41012	PRESTRESSED CONCRETE	19	36	3
15A91A0184	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	48	3
15A91A0184	RT41014	WATER RESOURCES ENGINEERING - II	21	45	3
15A91A0184	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	49	3
15A91A0184	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	55	3
15A91A0184	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
15A91A0184	RT4101M	GIS AND CAD LAB	24	44	2
15A91A0185	RT41011	ENVIRONMENTAL ENGINEERING- II	18	26	3
15A91A0185	RT41012	PRESTRESSED CONCRETE	15	40	3
15A91A0185	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	40	3
15A91A0185	RT41014	WATER RESOURCES ENGINEERING - II	9	23	0
15A91A0185	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	29	3
15A91A0185	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	34	3
15A91A0185	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	44	2
15A91A0185	RT4101M	GIS AND CAD LAB	19	38	2
	2				

Htno	Subcode	Subname	Internal	External	Credits
15A91A0186	RT41011	ENVIRONMENTAL ENGINEERING- II	21	34	3
15A91A0186	RT41012	PRESTRESSED CONCRETE	19	16	0
15A91A0186	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	49	3
15A91A0186	RT41014	WATER RESOURCES ENGINEERING - II	23	41	3
15A91A0186	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	70	3
15A91A0186	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	28	3
15A91A0186	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	39	2
15A91A0186	RT4101M	GIS AND CAD LAB	19	38	2
15A91A0187	RT41011	ENVIRONMENTAL ENGINEERING- II	21	24	3
15A91A0187	RT41012	PRESTRESSED CONCRETE	25	43	3
15A91A0187	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	44	3
15A91A0187	RT41014	WATER RESOURCES ENGINEERING - II	27	29	3
15A91A0187	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	29	3
15A91A0187	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	37	3
15A91A0187	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	41	2
15A91A0187	RT4101M	GIS AND CAD LAB	24	47	2
15A91A0188	RT41011	ENVIRONMENTAL ENGINEERING- II	25	43	3
15A91A0188	RT41012	PRESTRESSED CONCRETE	21	50	3
15A91A0188	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	51	3
15A91A0188	RT41014	WATER RESOURCES ENGINEERING - II	28	50	3
15A91A0188	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	49	3
15A91A0188	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	57	3
15A91A0188	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	44	2
15A91A0188	RT4101M	GIS AND CAD LAB	24	47	2
15A91A0189	RT41011	ENVIRONMENTAL ENGINEERING- II	22	40	3
15A91A0189	RT41012	PRESTRESSED CONCRETE	20	52	3
15A91A0189	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	44	3
15A91A0189	RT41014	WATER RESOURCES ENGINEERING - II	25	40	3
15A91A0189	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	57	3
15A91A0189	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	36	3
15A91A0189	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
15A91A0189	RT4101M	GIS AND CAD LAB	23	47	2
15A91A0191	RT41011	ENVIRONMENTAL ENGINEERING- II	26	60	3
15A91A0191	RT41012	PRESTRESSED CONCRETE	23	39	3
15A91A0191	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	61	3
15A91A0191	RT41014	WATER RESOURCES ENGINEERING - II	29	48	3
15A91A0191	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	70	3
15A91A0191	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	35	3
15A91A0191	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15A91A0191	RT4101M	GIS AND CAD LAB	24	44	2
15A91A0192	RT41011	ENVIRONMENTAL ENGINEERING- II	29	43	3
15A91A0192	RT41012	PRESTRESSED CONCRETE	22	51	3
15A91A0192	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	46	3
15A91A0192	RT41014	WATER RESOURCES ENGINEERING - II	28	36	3
15A91A0192	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	33	3
15A91A0192	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	42	3
15A91A0192	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
15A91A0192	RT4101M	GIS AND CAD LAB	21	44	2
15A91A0193	RT41011	ENVIRONMENTAL ENGINEERING- II	29	46	3
15A91A0193	RT41012	PRESTRESSED CONCRETE	29	70	3
13.73.73					

Htno	Subcode	Subname	Internal	External	Credits
15A91A0193	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	53	3
15A91A0193	RT41014	WATER RESOURCES ENGINEERING - II	29	60	3
15A91A0193	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	62	3
15A91A0193	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	63	3
15A91A0193	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15A91A0193	RT4101M	GIS AND CAD LAB	23	48	2
15A91A0194	RT41011	ENVIRONMENTAL ENGINEERING- II	29	39	3
15A91A0194	RT41012	PRESTRESSED CONCRETE	27	52	3
15A91A0194	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	61	3
15A91A0194	RT41014	WATER RESOURCES ENGINEERING - II	26	70	3
15A91A0194	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	41	3
15A91A0194	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	31	3
15A91A0194	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
15A91A0194	RT4101M	GIS AND CAD LAB	24	47	2
15A91A0195	RT41011	ENVIRONMENTAL ENGINEERING- II	30	52	3
15A91A0195	RT41011	PRESTRESSED CONCRETE	29	49	3
15A91A0195	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	60	3
15A91A0195	RT41014	WATER RESOURCES ENGINEERING - II	30	46	3
15A91A0195	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	70	3
15A91A0195	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	36	3
15A91A0195	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15A91A0195	RT4101L	GIS AND CAD LAB	25	49	2
15A91A0197	RT410111	ENVIRONMENTAL ENGINEERING- II	30	44	3
15A91A0197	RT41011	PRESTRESSED CONCRETE	28	62	3
15A91A0197	RT41012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	53	3
15A91A0197	RT41014	WATER RESOURCES ENGINEERING - II	27	66	3
15A91A0197	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	46	3
15A91A0197	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	50	3
15A91A0197	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	48	2
15A91A0197	RT4101L	GIS AND CAD LAB	24	49	2
15A91A0198	RT41011	ENVIRONMENTAL ENGINEERING- II	29	34	3
15A91A0198	RT41011	PRESTRESSED CONCRETE	30	59	3
15A91A0198	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	53	3
15A91A0198	RT41014	WATER RESOURCES ENGINEERING - II	30	26	3
15A91A0198	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	56	3
15A91A0198	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	65	3
15A91A0198	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15A91A0198	RT4101L	GIS AND CAD LAB	25	50	2
15A91A0199	RT410111	ENVIRONMENTAL ENGINEERING- II	29	49	3
15A91A0199	RT41011	PRESTRESSED CONCRETE	28	52	3
15A91A0199	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	56	3
15A91A0199	RT41014	WATER RESOURCES ENGINEERING - II	30	70	3
15A91A0199	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	57	3
15A91A0199	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	43	3
15A91A0199	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15A91A0199	RT4101L	GIS AND CAD LAB	25	50	2
15A91A0201	RT4101M	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	16	0
15A91A0201	RT41021	HVAC AND DC TRANSMISSION	23	16	0
15A91A0201	RT41022	POWER SYSTEM OPERATION AND CONTROL	20	6	0
15A91A0201	RT41025	INSTRUMENTATION	19	4	0
10/10/1/10/201	11.11020		1.5	'	

Htno	Subcode	Subname	Internal	External	Credits
15A91A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	0	0
15A91A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	43	2
15A91A0201	RT4102M	ELECTRICAL SIMULATION LAB	18	34	2
15A91A0201	RT4102N	POWER SYSTEMS LAB	17	46	2
15A91A0202	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	15	25	3
15A91A0202	RT41022	HVAC AND DC TRANSMISSION	18	28	3
15A91A0202	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	24	3
15A91A0202	RT41025	INSTRUMENTATION	14	13	0
15A91A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	24	3
15A91A0202	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	32	2
15A91A0202	RT4102M	ELECTRICAL SIMULATION LAB	17	27	2
15A91A0202	RT4102N	POWER SYSTEMS LAB	11	35	2
15A91A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	31	3
15A91A0204	RT41022	HVAC AND DC TRANSMISSION	25	36	3
15A91A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	43	3
15A91A0204	RT41025	INSTRUMENTATION	16	6	0
15A91A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	55	3
15A91A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
15A91A0204	RT4102M	ELECTRICAL SIMULATION LAB	21	45	2
15A91A0204	RT4102N	POWER SYSTEMS LAB	14	35	2
15A91A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	50	3
15A91A0205	RT41022	HVAC AND DC TRANSMISSION	30	55	3
15A91A0205	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	40	3
15A91A0205	RT41025	INSTRUMENTATION	21	37	3
15A91A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	66	3
15A91A0205	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15A91A0205	RT4102M	ELECTRICAL SIMULATION LAB	21	46	2
15A91A0205	RT4102N	POWER SYSTEMS LAB	23	38	2
15A91A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	47	3
15A91A0206	RT41022	HVAC AND DC TRANSMISSION	27	40	3
15A91A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	40	3
15A91A0206	RT41025	INSTRUMENTATION	24	41	3
15A91A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	40	3
15A91A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15A91A0206	RT4102M	ELECTRICAL SIMULATION LAB	20	43	2
15A91A0206	RT4102N	POWER SYSTEMS LAB	19	50	2
15A91A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	31	3
15A91A0207	RT41022	HVAC AND DC TRANSMISSION	28	37	3
15A91A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	37	3
15A91A0207	RT41025	INSTRUMENTATION	22	39	3
15A91A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	43	3
15A91A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15A91A0207	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
15A91A0207	RT4102N	POWER SYSTEMS LAB	21	38	2
15A91A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	40	3
15A91A0208	RT41022	HVAC AND DC TRANSMISSION	29	36	3
15A91A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	35	3
15A91A0208	RT41025	INSTRUMENTATION	25	38	3
15A91A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	52	3
15A91A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0208	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A91A0208	RT4102N	POWER SYSTEMS LAB	23	48	2
15A91A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	34	3
15A91A0209	RT41022	HVAC AND DC TRANSMISSION	25	51	3
15A91A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	24	3
15A91A0209	RT41025	INSTRUMENTATION	29	38	3
15A91A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	61	3
15A91A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	33	2
15A91A0209	RT4102M	ELECTRICAL SIMULATION LAB	21	43	2
15A91A0209	RT4102N	POWER SYSTEMS LAB	23	35	2
15A91A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	68	3
15A91A0210	RT41022	HVAC AND DC TRANSMISSION	30	53	3
15A91A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	62	3
15A91A0210	RT41025	INSTRUMENTATION	29	45	3
15A91A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	50	3
15A91A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15A91A0210	RT4102M	ELECTRICAL SIMULATION LAB	24	50	2
15A91A0210	RT4102N	POWER SYSTEMS LAB	25	50	2
15A91A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	16	0
15A91A0211	RT41022	HVAC AND DC TRANSMISSION	20	35	3
15A91A0211	RT41023	POWER SYSTEM OPERATION AND CONTROL	17	30	3
15A91A0211	RT41025	INSTRUMENTATION	21	12	0
15A91A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	41	3
15A91A0211	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	35	2
15A91A0211	RT4102M	ELECTRICAL SIMULATION LAB	19	40	2
15A91A0211	RT4102N	POWER SYSTEMS LAB	21	40	2
15A91A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	17	0
15A91A0212	RT41022	HVAC AND DC TRANSMISSION	25	33	3
15A91A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	24	3
15A91A0212	RT41025	INSTRUMENTATION	17	33	3
15A91A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	60	3
15A91A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	46	2
15A91A0212	RT4102M	ELECTRICAL SIMULATION LAB	21	44	2
15A91A0212	RT4102N	POWER SYSTEMS LAB	24	48	2
15A91A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	29	3
15A91A0213	RT41022	HVAC AND DC TRANSMISSION	21	49	3
15A91A0213	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	28	3
15A91A0213	RT41025	INSTRUMENTATION	21	30	3
15A91A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	53	3
15A91A0213	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	47	2
15A91A0213	RT4102M	ELECTRICAL SIMULATION LAB	20	36	2
15A91A0213	RT4102N	POWER SYSTEMS LAB	21	40	2
15A91A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	42	3
15A91A0214	RT41022	HVAC AND DC TRANSMISSION	25	30	3
15A91A0214	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	37	3
15A91A0214	RT41025	INSTRUMENTATION	19	28	3
15A91A0214	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	43	3
15A91A0214	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15A91A0214	RT4102M	ELECTRICAL SIMULATION LAB	23	41	2
15A91A0214	RT4102N	POWER SYSTEMS LAB	16	45	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	24	3
15A91A0216	RT41022	HVAC AND DC TRANSMISSION	24	35	3
15A91A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	15	25	3
15A91A0216	RT41025	INSTRUMENTATION	17	27	3
15A91A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	24	3
15A91A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	37	2
15A91A0216	RT4102M	ELECTRICAL SIMULATION LAB	19	39	2
15A91A0216	RT4102N	POWER SYSTEMS LAB	19	25	2
15A91A0217	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	33	3
15A91A0217	RT41022	HVAC AND DC TRANSMISSION	24	31	3
15A91A0217	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	30	3
15A91A0217	RT41025	INSTRUMENTATION	18	7	0
15A91A0217	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	40	3
15A91A0217	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	33	2
15A91A0217	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
15A91A0217	RT4102N	POWER SYSTEMS LAB	16	35	2
15A91A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	46	3
15A91A0218	RT41022	HVAC AND DC TRANSMISSION	29	51	3
15A91A0218	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	54	3
15A91A0218	RT41025	INSTRUMENTATION	25	41	3
15A91A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	62	3
15A91A0218	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15A91A0218	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A91A0218	RT4102N	POWER SYSTEMS LAB	24	45	2
15A91A0219	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	50	3
15A91A0219	RT41022	HVAC AND DC TRANSMISSION	29	44	3
15A91A0219	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	36	3
15A91A0219	RT41025	INSTRUMENTATION	24	35	3
15A91A0219	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	34	3
15A91A0219	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15A91A0219	RT4102M	ELECTRICAL SIMULATION LAB	21	46	2
15A91A0219	RT4102N	POWER SYSTEMS LAB	17	35	2
15A91A0220	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	38	3
15A91A0220	RT41022	HVAC AND DC TRANSMISSION	28	61	3
15A91A0220	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	36	3
15A91A0220	RT41025	INSTRUMENTATION	20	49	3
15A91A0220	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	47	3
15A91A0220	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	50	2
15A91A0220	RT4102M	ELECTRICAL SIMULATION LAB	24	50	2
15A91A0220	RT4102N	POWER SYSTEMS LAB	20	49	2
15A91A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	32	3
15A91A0221	RT41022	HVAC AND DC TRANSMISSION	25	35	3
15A91A0221	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	36	3
15A91A0221	RT41025	INSTRUMENTATION	20	16	0
15A91A0221	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	45	3
15A91A0221	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
15A91A0221	RT4102M	ELECTRICAL SIMULATION LAB	21	47	2
15A91A0221	RT4102N	POWER SYSTEMS LAB	16	27	2
15A91A0222	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	26	3
15A91A0222	RT41022	HVAC AND DC TRANSMISSION	21	36	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0222	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	13	0
15A91A0222	RT41025	INSTRUMENTATION	18	31	3
15A91A0222	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	12	0
15A91A0222	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	34	2
15A91A0222	RT4102M	ELECTRICAL SIMULATION LAB	24	35	2
15A91A0222	RT4102N	POWER SYSTEMS LAB	20	27	2
15A91A0223	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	54	3
15A91A0223	RT41022	HVAC AND DC TRANSMISSION	23	40	3
15A91A0223	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	38	3
15A91A0223	RT41025	INSTRUMENTATION	18	35	3
15A91A0223	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	35	3
15A91A0223	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	49	2
15A91A0223	RT4102M	ELECTRICAL SIMULATION LAB	22	49	2
15A91A0223	RT4102N	POWER SYSTEMS LAB	18	45	2
15A91A0224	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	29	3
15A91A0224	RT41022	HVAC AND DC TRANSMISSION	30	55	3
15A91A0224	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	37	3
15A91A0224	RT41025	INSTRUMENTATION	22	37	3
15A91A0224	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	40	3
15A91A0224	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
15A91A0224	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A91A0224	RT4102N	POWER SYSTEMS LAB	25	49	2
15A91A0225	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	33	3
15A91A0225	RT41022	HVAC AND DC TRANSMISSION	27	45	3
15A91A0225	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	58	3
15A91A0225	RT41025	INSTRUMENTATION	26	38	3
15A91A0225	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	58	3
15A91A0225	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	44	2
15A91A0225	RT4102M	ELECTRICAL SIMULATION LAB	21	40	2
15A91A0225	RT4102N	POWER SYSTEMS LAB	24	48	2
15A91A0226	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	34	3
15A91A0226	RT41022	HVAC AND DC TRANSMISSION	26	42	3
15A91A0226	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	29	3
15A91A0226	RT41025	INSTRUMENTATION	21	33	3
15A91A0226	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	44	3
15A91A0226	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15A91A0226	RT4102M	ELECTRICAL SIMULATION LAB	19	43	2
15A91A0226	RT4102N	POWER SYSTEMS LAB	24	35	2
15A91A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	55	3
15A91A0227	RT41022	HVAC AND DC TRANSMISSION	29	43	3
15A91A0227	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	43	3
15A91A0227	RT41025	INSTRUMENTATION	27	46	3
15A91A0227	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	47	3
15A91A0227	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2
15A91A0227	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
15A91A0227	RT4102N	POWER SYSTEMS LAB	25	49	2
15A91A0228	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	31	3
15A91A0228	RT41022	HVAC AND DC TRANSMISSION	30	46	3
15A91A0228	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	37	3
15A91A0228	RT41025	INSTRUMENTATION	23	36	3

15A91A0228 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 48 3 15A91A0228 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 25 50 2 15A91A0228 RT4102M ELECTRICAL SIMULATION LAB 22 45 2 15A91A0229 RT4102N POWER SYSTEMS LAB 19 41 2 15A91A0229 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 52 3 15A91A0229 RT41021 HVAC AND DC TRANSMISSION 27 37 3 15A91A0229 RT41022 HVAC AND DC TRANSMISSION 27 37 3 15A91A0229 RT41022 HVAC AND DC TRANSMISSION 21 24 3 15A91A0229 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 22 34 2 15A91A0229 RT4102M ELECTRICAL SIMULATION LAB 19 45 2 15A91A0229 RT4102N POWER SYSTEMS LAB 25 37 2 15A91A0230 RT41021 HVAC AND DC TRANSMISSION <th>tno</th> <th>ubcode</th> <th>Subname</th> <th>Internal</th> <th>External</th> <th>Credits</th>	tno	ubcode	Subname	Internal	External	Credits
15A91A0228 RT4102M ELECTRICAL SIMULATION LAB 22 45 2 15A91A0228 RT4102N POWER SYSTEMS LAB 19 41 2 15A91A0229 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 52 3 15A91A0229 RT41022 HVAC AND DC TRANSMISSION 27 37 3 15A91A0229 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 37 3 15A91A0229 RT41025 INSTRUMENTATION 21 24 3 15A91A0229 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 50 3 15A91A0229 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 34 2 15A91A0229 RT4102M ELECTRICAL SIMULATION LAB 19 45 2 15A91A0229 RT4102N POWER SYSTEMS LAB 25 37 2 15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41023 POWER SYSTEM OPERATION AND CONT	5A91A0228	T41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	48	3
15A91A0228 RT4102N POWER SYSTEMS LAB 19 41 2 15A91A0229 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 52 3 15A91A0229 RT41022 HVAC AND DC TRANSMISSION 27 37 3 15A91A0229 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 37 3 15A91A0229 RT41025 INSTRUMENTATION 21 24 3 15A91A0229 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 50 3 15A91A0229 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 34 2 15A91A0229 RT4102L ELECTRICAL SIMULATION LAB 19 45 2 15A91A0229 RT4102L POWER SYSTEMS LAB 25 37 2 15A91A0229 RT4102L RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 61 3 15A91A0230 RT41023 POWER SYSTEM OPERATI	5A91A0228	T4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15A91A0229 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 52 3 15A91A0229 RT41022 HVAC AND DC TRANSMISSION 27 37 3 15A91A0229 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 37 3 15A91A0229 RT41025 INSTRUMENTATION 21 24 3 15A91A0229 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 50 3 15A91A0229 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 34 2 15A91A0229 RT4102M ELECTRICAL SIMULATION LAB 19 45 2 15A91A0229 RT4102N POWER SYSTEMS LAB 25 37 2 15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41022 HVAC AND DC TRANSMISSION 28 61 3 15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41025 MICROPROCESSORS AND MICROCONTROLLE	5A91A0228	T4102M	ELECTRICAL SIMULATION LAB	22	45	2
15A91A0229 RT41022 HVAC AND DC TRANSMISSION 27 37 3 15A91A0229 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 37 3 15A91A0229 RT41025 INSTRUMENTATION 21 24 3 15A91A0229 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 50 3 15A91A0229 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 34 2 15A91A0229 RT4102M ELECTRICAL SIMULATION LAB 19 45 2 15A91A0229 RT4102N POWER SYSTEMS LAB 25 37 2 15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41022 HVAC AND DC TRANSMISSION 28 61 3 15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41025 MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0230 RT4102M ELECTRICAL DISTRIBUTION LAB <td>5A91A0228</td> <td>T4102N</td> <td>POWER SYSTEMS LAB</td> <td>19</td> <td>41</td> <td>2</td>	5A91A0228	T4102N	POWER SYSTEMS LAB	19	41	2
15A91A0229 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 37 3 15A91A0229 RT41025 INSTRUMENTATION 21 24 3 15A91A0229 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 50 3 15A91A0229 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 34 2 15A91A0229 RT4102M ELECTRICAL SIMULATION LAB 19 45 2 15A91A0229 RT4102N POWER SYSTEMS LAB 25 37 2 15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41022 HVAC AND DC TRANSMISSION 28 61 3 15A91A0230 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 58 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0231 RT4102N POWE	5A91A0229	T41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	52	3
15A91A0229 RT41025 INSTRUMENTATION 21 24 3 15A91A0229 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 50 3 15A91A0229 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 34 2 15A91A0229 RT4102M ELECTRICAL SIMULATION LAB 19 45 2 15A91A0229 RT4102N POWER SYSTEMS LAB 25 37 2 15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41022 HVAC AND DC TRANSMISSION 28 61 3 15A91A0230 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 58 3 15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102M MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCE	5A91A0229	T41022	HVAC AND DC TRANSMISSION	27	37	3
15A91A0229 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 50 3 15A91A0229 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 34 2 15A91A0229 RT4102M ELECTRICAL SIMULATION LAB 19 45 2 15A91A0229 RT4102N POWER SYSTEMS LAB 25 37 2 15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41022 HVAC AND DC TRANSMISSION 28 61 3 15A91A0230 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 58 3 15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0230 RT4102M POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022	5A91A0229	T41023	POWER SYSTEM OPERATION AND CONTROL	28	37	3
15A91A0229 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 34 2 15A91A0229 RT4102M ELECTRICAL SIMULATION LAB 19 45 2 15A91A0229 RT4102N POWER SYSTEMS LAB 25 37 2 15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41022 HVAC AND DC TRANSMISSION 28 61 3 15A91A0230 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 58 3 15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022 HVAC AND	5A91A0229	T41025	INSTRUMENTATION	21	24	3
15A91A0229 RT4102M ELECTRICAL SIMULATION LAB 19 45 2 15A91A0229 RT4102N POWER SYSTEMS LAB 25 37 2 15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41022 HVAC AND DC TRANSMISSION 28 61 3 15A91A0230 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 58 3 15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0231 RT4102N POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025	5A91A0229	T41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	50	3
15A91A0229 RT4102N POWER SYSTEMS LAB 25 37 2 15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41022 HVAC AND DC TRANSMISSION 28 61 3 15A91A0230 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 58 3 15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0231 RT4102N POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 <t< td=""><td>5A91A0229</td><td>T4102L</td><td>MICROPROCESSORS AND MICROCONTROLLERS LAB</td><td>22</td><td>34</td><td>2</td></t<>	5A91A0229	T4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	34	2
15A91A0230 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0230 RT41022 HVAC AND DC TRANSMISSION 28 61 3 15A91A0230 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 58 3 15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0230 RT4102N POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT4102L	5A91A0229	T4102M	ELECTRICAL SIMULATION LAB	19	45	2
15A91A0230 RT41022 HVAC AND DC TRANSMISSION 28 61 3 15A91A0230 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 58 3 15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0230 RT4102N POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L	5A91A0229	T4102N	POWER SYSTEMS LAB	25	37	2
15A91A0230 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 58 3 15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0230 RT4102N POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41024 MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231	5A91A0230	T41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	38	3
15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0230 RT4102N POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2	5A91A0230	T41022	HVAC AND DC TRANSMISSION	28	61	3
15A91A0230 RT41025 INSTRUMENTATION 25 39 3 15A91A0230 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 61 3 15A91A0230 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0230 RT4102N POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2	5A91A0230	T41023	POWER SYSTEM OPERATION AND CONTROL	30	58	3
15A91A0230 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 44 2 15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0230 RT4102N POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2	5A91A0230	T41025	INSTRUMENTATION	25	39	3
15A91A0230 RT4102M ELECTRICAL SIMULATION LAB 20 44 2 15A91A0230 RT4102N POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2	5A91A0230	T41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	61	3
15A91A0230 RT4102N POWER SYSTEMS LAB 23 47 2 15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2	5A91A0230	T4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	
15A91A0231 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 47 3 15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2	5A91A0230	T4102M	ELECTRICAL SIMULATION LAB	20	44	2
15A91A0231 RT41022 HVAC AND DC TRANSMISSION 27 33 3 15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2	5A91A0230	T4102N	POWER SYSTEMS LAB	23	47	
15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2	5A91A0231	T41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	47	3
15A91A0231 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 37 3 15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2	5A91A0231	T41022	HVAC AND DC TRANSMISSION		33	3
15A91A0231 RT41025 INSTRUMENTATION 28 33 3 15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2			POWER SYSTEM OPERATION AND CONTROL	29	37	3
15A91A0231 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 32 3 15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2						
15A91A0231 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 49 2 15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2	5A91A0231	T41029	ELECTRICAL DISTRIBUTION SYSTEMS			
15A91A0231 RT4102M ELECTRICAL SIMULATION LAB 24 50 2						
LEAGUAGOS DE LUCON DOMED OVOTENO LA	5A91A0231	T4102M	ELECTRICAL SIMULATION LAB	24	50	2
[15A91A0231 RT4102N POWER SYSTEMS LAB 25 49 2	5A91A0231	T4102N	POWER SYSTEMS LAB	25	49	2
15A91A0232 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 32 3	5A91A0232	T41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	32	3
15A91A0232 RT41022 HVAC AND DC TRANSMISSION 27 48 3	5A91A0232	T41022	HVAC AND DC TRANSMISSION	27	48	3
15A91A0232 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 25 3	5A91A0232	T41023	POWER SYSTEM OPERATION AND CONTROL	24	25	3
15A91A0232 RT41025 INSTRUMENTATION 22 32 3	5A91A0232	T41025	INSTRUMENTATION	22	32	3
15A91A0232 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 47 3	5A91A0232	T41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	47	3
15A91A0232 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 18 50 2	5A91A0232	T4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	50	2
15A91A0232 RT4102M ELECTRICAL SIMULATION LAB 22 48 2	5A91A0232	T4102M	ELECTRICAL SIMULATION LAB	22	48	2
15A91A0232 RT4102N POWER SYSTEMS LAB 20 44 2	5A91A0232	T4102N	POWER SYSTEMS LAB	20	44	2
15A91A0233 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 20 10 0	5A91A0233	T41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	10	0
15A91A0233 RT41022 HVAC AND DC TRANSMISSION 21 24 3	5A91A0233	T41022	HVAC AND DC TRANSMISSION	21	24	3
15A91A0233 RT41023 POWER SYSTEM OPERATION AND CONTROL 25 4 0	5A91A0233	T41023	POWER SYSTEM OPERATION AND CONTROL	25	4	0
15A91A0233 RT41025 INSTRUMENTATION 12 0 0	5A91A0233	T41025	INSTRUMENTATION	12	0	0
15A91A0233 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 22 44 3	5A91A0233	T41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	44	3
15A91A0233 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 45 2	5A91A0233	T4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	45	2
15A91A0233 RT4102M ELECTRICAL SIMULATION LAB 19 40 2	5A91A0233	T4102M	ELECTRICAL SIMULATION LAB	19	40	2
15A91A0233 RT4102N POWER SYSTEMS LAB 18 35 2	5A91A0233	T4102N	POWER SYSTEMS LAB	18	35	2
15A91A0234 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 24 47 3	5A91A0234	T41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	47	3
15A91A0234 RT41022 HVAC AND DC TRANSMISSION 30 48 3	5A91A0234	T41022	HVAC AND DC TRANSMISSION	30	48	3
15A91A0234 RT41023 POWER SYSTEM OPERATION AND CONTROL 25 31 3	5A91A0234	T41023	POWER SYSTEM OPERATION AND CONTROL	25	31	3
15A91A0234 RT41025 INSTRUMENTATION 21 39 3	5A91A0234	T41025	INSTRUMENTATION	21	39	3
15A91A0234 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 61 3	5A91A0234	T41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	61	3
15A91A0234 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 41 2	5A91A0234	T4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0234	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
15A91A0234	RT4102N	POWER SYSTEMS LAB	21	46	2
15A91A0236	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	26	3
15A91A0236	RT41022	HVAC AND DC TRANSMISSION	24	29	3
15A91A0236	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	16	0
15A91A0236	RT41025	INSTRUMENTATION	15	25	3
15A91A0236	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	7	0
15A91A0236	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	35	2
15A91A0236	RT4102M	ELECTRICAL SIMULATION LAB	17	35	2
15A91A0236	RT4102N	POWER SYSTEMS LAB	20	27	2
15A91A0237	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	30	3
15A91A0237	RT41022	HVAC AND DC TRANSMISSION	25	42	3
15A91A0237	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	24	3
15A91A0237	RT41025	INSTRUMENTATION	17	30	3
15A91A0237	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	32	3
15A91A0237	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	35	2
15A91A0237	RT4102M	ELECTRICAL SIMULATION LAB	17	38	2
15A91A0237	RT4102N	POWER SYSTEMS LAB	19	48	2
15A91A0238	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	40	3
15A91A0238	RT41022	HVAC AND DC TRANSMISSION	27	46	3
15A91A0238	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	50	3
15A91A0238	RT41025	INSTRUMENTATION	26	49	3
15A91A0238	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	46	3
15A91A0238	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15A91A0238	RT4102M	ELECTRICAL SIMULATION LAB	24	50	2
15A91A0238	RT4102N	POWER SYSTEMS LAB	22	50	2
15A91A0240	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	34	3
15A91A0240	RT41022	HVAC AND DC TRANSMISSION	23	45	3
15A91A0240	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	37	3
15A91A0240	RT41025	INSTRUMENTATION	19	28	3
15A91A0240	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	64	3
15A91A0240	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	49	2
15A91A0240	RT4102M	ELECTRICAL SIMULATION LAB	20	47	2
15A91A0240	RT4102N	POWER SYSTEMS LAB	18	45	2
15A91A0241	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	16	26	3
15A91A0241	RT41022	HVAC AND DC TRANSMISSION	21	17	0
15A91A0241	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	15	0
15A91A0241	RT41025	INSTRUMENTATION	14	17	0
15A91A0241	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	18	16	0
15A91A0241	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	35	2
15A91A0241	RT4102M	ELECTRICAL SIMULATION LAB	14	34	2
15A91A0241	RT4102N	POWER SYSTEMS LAB	16	20	2
15A91A0242	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	34	3
15A91A0242	RT41022	HVAC AND DC TRANSMISSION	30	62	3
15A91A0242	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	41	3
15A91A0242	RT41025	INSTRUMENTATION	27	50	3
15A91A0242	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	49	3
15A91A0242	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
15A91A0242	RT4102M	ELECTRICAL SIMULATION LAB	24	45	2
15A91A0242	RT4102N	POWER SYSTEMS LAB	25	49	2
	,				

Htno	Subcode	Subname	Internal	External	Credits
15A91A0243	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	39	3
15A91A0243	RT41021	HVAC AND DC TRANSMISSION	26	38	3
15A91A0243	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	46	3
15A91A0243	RT41025	INSTRUMENTATION	22	37	3
15A91A0243	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	52	3
15A91A0243	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	47	2
15A91A0243	RT4102M	ELECTRICAL SIMULATION LAB	21	46	2
15A91A0243	RT4102N	POWER SYSTEMS LAB	18	49	2
15A91A0244	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	26	3
15A91A0244	RT41022	HVAC AND DC TRANSMISSION	22	26	3
15A91A0244	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	12	0
15A91A0244	RT41025	INSTRUMENTATION	17	35	3
15A91A0244	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	24	3
15A91A0244	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15A91A0244	RT4102M	ELECTRICAL SIMULATION LAB	18	46	2
15A91A0244	RT4102N	POWER SYSTEMS LAB	20	27	2
15A91A0245	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	36	3
15A91A0245	RT41021	HVAC AND DC TRANSMISSION	28	40	3
15A91A0245	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	42	3
15A91A0245	RT41025	INSTRUMENTATION	17	36	3
15A91A0245	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	38	3
15A91A0245	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
15A91A0245	RT4102M	ELECTRICAL SIMULATION LAB	19	40	2
15A91A0245	RT4102N	POWER SYSTEMS LAB	24	28	2
15A91A0246	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	43	3
15A91A0246	RT41021	HVAC AND DC TRANSMISSION	29	55	3
15A91A0246	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	39	3
15A91A0246	RT41025	INSTRUMENTATION	20	39	3
15A91A0246	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	51	3
15A91A0246	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	50	2
15A91A0246	RT4102M	ELECTRICAL SIMULATION LAB	21	46	2
15A91A0246	RT4102N	POWER SYSTEMS LAB	20	47	2
15A91A0247	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	4	0
15A91A0247	RT41022	HVAC AND DC TRANSMISSION	20	26	3
15A91A0247	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	6	0
15A91A0247	RT41025	INSTRUMENTATION	14	9	0
15A91A0247	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	38	3
15A91A0247	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	35	2
15A91A0247	RT4102M	ELECTRICAL SIMULATION LAB	20	43	2
15A91A0247	RT4102N	POWER SYSTEMS LAB	20	35	2
15A91A0248	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	36	3
15A91A0248	RT41022	HVAC AND DC TRANSMISSION	28	52	3
15A91A0248	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	36	3
15A91A0248	RT41025	INSTRUMENTATION	30	39	3
15A91A0248	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	70	3
15A91A0248	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15A91A0248	RT4102M	ELECTRICAL SIMULATION LAB	22	40	2
15A91A0248	RT4102N	POWER SYSTEMS LAB	25	48	2
15A91A0249	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	41	3
15A91A0249	RT41022	HVAC AND DC TRANSMISSION	30	48	3
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Htno	Subcode	Subname	Internal	External	Credits
15A91A0249	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	44	3
15A91A0249	RT41025	INSTRUMENTATION	20	47	3
15A91A0249	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	59	3
15A91A0249	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A91A0249	RT4102M	ELECTRICAL SIMULATION LAB	21	44	2
15A91A0249	RT4102N	POWER SYSTEMS LAB	16	48	2
15A91A0250	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	28	3
15A91A0250	RT41022	HVAC AND DC TRANSMISSION	25	45	3
15A91A0250	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	36	3
15A91A0250	RT41025	INSTRUMENTATION	23	38	3
15A91A0250	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	50	3
15A91A0250	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	40	2
15A91A0250	RT4102M	ELECTRICAL SIMULATION LAB	19	40	2
15A91A0250	RT4102N	POWER SYSTEMS LAB	23	35	2
15A91A0251	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	57	3
15A91A0251	RT41021	HVAC AND DC TRANSMISSION	30	44	3
15A91A0251	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	46	3
15A91A0251	RT41025	INSTRUMENTATION	30	59	3
15A91A0251	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	62	3
15A91A0251	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A91A0251	RT4102L	ELECTRICAL SIMULATION LAB	24	50	2
15A91A0251	RT4102N	POWER SYSTEMS LAB	25	50	2
15A91A0252	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	38	3
15A91A0252	RT41021	HVAC AND DC TRANSMISSION	28	40	3
15A91A0252	RT41022	POWER SYSTEM OPERATION AND CONTROL	29	29	3
15A91A0252	RT41025	INSTRUMENTATION	26	37	3
15A91A0252	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	46	3
15A91A0252	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15A91A0252	RT4102M	ELECTRICAL SIMULATION LAB	24	40	2
15A91A0252	RT4102N	POWER SYSTEMS LAB	25	43	2
15A91A0253	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	40	3
15A91A0253	RT41021	HVAC AND DC TRANSMISSION	27	36	3
15A91A0253	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	26	3
15A91A0253	RT41025	INSTRUMENTATION	19	26	3
15A91A0253	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	35	3
15A91A0253	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	27	2
15A91A0253	RT4102L	ELECTRICAL SIMULATION LAB	21	45	2
15A91A0253	RT4102N	POWER SYSTEMS LAB	21	19	2
15A91A0254	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	31	3
15A91A0254	RT41021	HVAC AND DC TRANSMISSION	24	48	3
15A91A0254	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	30	3
15A91A0254	RT41025	INSTRUMENTATION	18	33	3
15A91A0254	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	48	3
15A91A0254	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	36	2
15A91A0254	RT4102M	ELECTRICAL SIMULATION LAB	19	43	2
15A91A0254	RT4102N	POWER SYSTEMS LAB	19	48	2
15A91A0255	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	26	3
15A91A0255	RT41022	HVAC AND DC TRANSMISSION	27	48	3
15A91A0255	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	36	3
15A91A0255	RT41025	INSTRUMENTATION	25	34	3
13.13.113200				-	-

15A91A0255 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 56 3 3 15A91A0255 RT4102M MICROPROCESSORS AND MICROCONTROLLERS LAB 18 35 2 2 2 2 2 2 2 4 2 2	Htno	Subcode	Subname	Internal	External	Credits
15A91A0255 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 18 35 2 15A91A0256 RT4102M ELECTRICAL SIMULATION LAB 20 49 2 15A91A0256 RT41021 ROWER SYSTEMS LAB 19 44 2 15A91A0256 RT41021 ENCACAMINE SOURCES AND SYSTEMS 28 45 3 15A91A0256 RT41022 HVAC AND DC TRANSMISSION 30 49 3 15A91A0256 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 36 3 15A91A0256 RT41021 ELECTRICAL DISTRIBUTION SYSTEMS 29 60 3 15A91A0256 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 15A91A0257 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 47 3 15A91A0257 RT41022 HVAC AND DC TRANSMISSION 25 33 3 15A91A0257 RT41022 HVAC AND DC TRANSMISSION 25 33 3 15A91A0257 RT41028 INST	15A91A0255	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	56	3
15A91A0255 RT4102M ELECTRICAL SIMULATION LAB 20 49 44 2 15A91A0256 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 45 3 3 15A91A0256 RT410221 HVAC AND DC TRANSMISSION 30 49 3 3 15A91A0256 RT410221 POWER SYSTEM OPERATION AND CONTROL 30 36 3 3 15A91A0256 RT41022 POWER SYSTEM OPERATION AND CONTROL 30 36 3 3 15A91A0256 RT41022 ELECTRICAL DISTRIBUTION SYSTEMS 29 60 3 15A91A0256 RT41028 ELECTRICAL DISTRIBUTION SYSTEMS 29 60 3 15A91A0256 RT41028 ELECTRICAL DISTRIBUTION SYSTEMS 20 49 2 2 15A91A0256 RT41028 ELECTRICAL DISTRIBUTION SYSTEMS 20 49 2 2 15A91A0256 RT41028 POWER SYSTEMS LAB 20 49 2 2 15A91A0257 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 47 3 3 3 3 3 3 3 3 3						
15A91A0255 RT4102N POWER SYSTEMS LAB 19 44 2 15A91A0256 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 45 3 15A91A0256 RT41022 POWER SYSTEM OPERATION AND CONTROL 30 36 3 15A91A0256 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 43 3 15A91A0256 RT4102L INSTRUMENTATION 29 60 3 15A91A0256 RT4102L ELECTRICAL DISTRIBUTION SYSTEMS 29 60 3 15A91A0256 RT4102L ELECTRICAL DISTRIBUTION SYSTEMS 29 60 3 15A91A0257 RT4102L ELECTRICAL SIMULATION LAB 20 49 2 15A91A0257 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 47 3 15A91A0257 RT41022 HVAC AND DC TRANSMISSION 25 33 3 15A91A0257 RT41022 HVAC AND DC TRANSMISSION 25 26 3 15A91A0257 RT41024 ELECTRICAL SIMULATION AN						
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15A91A0256 RT41022 HVAC AND DC TRANSMISSION 30 49 3 15A91A0256 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 36 3 15A91A0256 RT41029 INSTRUMENTATION 29 43 3 15A91A0256 RT41021 INGROPROCESSORS AND MICROCONTROLLERS LAB 20 49 2 15A91A0256 RT41021 ELECTRICAL SIMULATION LAB 20 39 2 15A91A0256 RT4102N ELECTRICAL SIMULATION LAB 20 39 2 15A91A0257 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 47 3 15A91A0257 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 24 3 15A91A0257 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 24 3 15A91A0257 RT41021 INSTRUMENTATION 15 26 3 15A91A0257 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 19 39 2 15A91A0258 RT41021 RENEWABLE			RENEWABLE ENERGY SOURCES AND SYSTEMS	28	45	3
15A91A0256 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 36 3 15A91A0256 RT41025 INSTRUMENTATION 29 43 3 15A91A0256 RT41021 ELECTRICAL DISTRIBUTION SYSTEMS 29 60 3 15A91A0256 RT4102M MICROPROCESSORS AND MICROCONTROLLERS LAB 20 49 2 15A91A0256 RT4102M POWER SYSTEMS LAB 24 45 2 15A91A0257 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 47 3 15A91A0257 RT41022 HVAC AND DC TRANSMISSION 25 33 3 15A91A0257 RT41029 POWER SYSTEM OPERATION AND CONTROL 29 24 3 15A91A0257 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 16 0 15A91A0257 RT4102M POWER SYSTEM OPERATION AND CONTROLLERS LAB 29 36 2 15A91A0258 RT4102M ELECTRICAL SIMULATION LAB 20 36 2 15A91A0258 RT41022 HV						
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15A91A0257 RT41022 HVAC AND DC TRANSMISSION 25 33 3 15A91A0257 RT41023 POWER SYSTEM OPERATION AND CONTROL 29 24 3 15A91A0257 RT41025 INSTRUMENTATION 15 26 3 15A91A0257 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 16 0 15A91A0257 RT41024 MICROPROCESSORS AND MICROCONTROLLERS LAB 19 39 2 15A91A0257 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 19 39 2 15A91A0258 RT41021 RECETRICAL SIMULATION LAB 20 36 2 15A91A0258 RT41022 HVAC AND DC TRANSMISSION 16 48 3 15A91A0258 RT41025 INSTRUMENTATION 16 48 3 15A91A0258 RT41025 ELECTRICAL DISTRIBUTION SYSTEMS 20 50 3 15A91A0258 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 17 29 2 15A91A0258 RT41021 RENEWABLE EN		RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26		3
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15A91A0259 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 15 27 2 15A91A0259 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0259 RT4102N POWER SYSTEMS LAB 15 31 2 15A91A0260 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 37 3 15A91A0260 RT41022 HVAC AND DC TRANSMISSION 25 37 3 15A91A0260 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 19 0 15A91A0260 RT41025 INSTRUMENTATION 16 6 0 15A91A0260 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 -1 0 15A91A0260 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 28 2 15A91A0260 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 <td< td=""><td></td><td></td><td>INSTRUMENTATION</td><td></td><td></td><td></td></td<>			INSTRUMENTATION			
15A91A0259 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 15 27 2 15A91A0259 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0259 RT4102N POWER SYSTEMS LAB 15 31 2 15A91A0260 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 37 3 15A91A0260 RT41022 HVAC AND DC TRANSMISSION 25 37 3 15A91A0260 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 19 0 15A91A0260 RT41025 INSTRUMENTATION 16 6 0 15A91A0260 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 -1 0 15A91A0260 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 28 2 15A91A0260 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 <td< td=""><td>15A91A0259</td><td>RT41029</td><td>ELECTRICAL DISTRIBUTION SYSTEMS</td><td>25</td><td>27</td><td>3</td></td<>	15A91A0259	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	27	3
15A91A0259 RT4102N POWER SYSTEMS LAB 15 31 2 15A91A0260 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 37 3 15A91A0260 RT41022 HVAC AND DC TRANSMISSION 25 37 3 15A91A0260 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 19 0 15A91A0260 RT41025 INSTRUMENTATION 16 6 0 15A91A0260 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 -1 0 15A91A0260 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 28 2 15A91A0260 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 15A91A0260 RT4102N POWER SYSTEMS LAB 20 32 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025	15A91A0259	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	27	2
15A91A0260 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 37 3 15A91A0260 RT41022 HVAC AND DC TRANSMISSION 25 37 3 15A91A0260 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 19 0 15A91A0260 RT41025 INSTRUMENTATION 16 6 0 15A91A0260 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 -1 0 15A91A0260 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 28 2 15A91A0260 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 15A91A0260 RT4102N POWER SYSTEMS LAB 20 32 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029	15A91A0259	RT4102M	ELECTRICAL SIMULATION LAB	19	41	2
15A91A0260 RT41022 HVAC AND DC TRANSMISSION 25 37 3 15A91A0260 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 19 0 15A91A0260 RT41025 INSTRUMENTATION 16 6 0 15A91A0260 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 -1 0 15A91A0260 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 28 2 15A91A0260 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 15A91A0260 RT4102N POWER SYSTEMS LAB 20 32 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41023 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0259	RT4102N	POWER SYSTEMS LAB	15	31	2
15A91A0260 RT41022 HVAC AND DC TRANSMISSION 25 37 3 15A91A0260 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 19 0 15A91A0260 RT41025 INSTRUMENTATION 16 6 0 15A91A0260 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 -1 0 15A91A0260 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 28 2 15A91A0260 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 15A91A0260 RT4102N POWER SYSTEMS LAB 20 32 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41023 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3		RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS			3
15A91A0260 RT41025 INSTRUMENTATION 16 6 0 15A91A0260 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 -1 0 15A91A0260 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 28 2 15A91A0260 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 15A91A0260 RT4102N POWER SYSTEMS LAB 20 32 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0260	RT41022	HVAC AND DC TRANSMISSION	25	37	3
15A91A0260 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 27 -1 0 15A91A0260 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 28 2 15A91A0260 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 15A91A0260 RT4102N POWER SYSTEMS LAB 20 32 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0260	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	19	0
15A91A0260 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 28 2 15A91A0260 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 15A91A0260 RT4102N POWER SYSTEMS LAB 20 32 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0260	RT41025	INSTRUMENTATION	16	6	0
15A91A0260 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 15A91A0260 RT4102N POWER SYSTEMS LAB 20 32 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0260	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	-1	0
15A91A0260 RT4102N POWER SYSTEMS LAB 20 32 2 15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0260	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	28	2
15A91A0261 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 47 3 15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0260	RT4102M	ELECTRICAL SIMULATION LAB	21	47	2
15A91A0261 RT41022 HVAC AND DC TRANSMISSION 26 40 3 15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0260	RT4102N	POWER SYSTEMS LAB	20	32	2
15A91A0261 RT41023 POWER SYSTEM OPERATION AND CONTROL 19 47 3 15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0261	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	47	3
15A91A0261 RT41025 INSTRUMENTATION 30 29 3 15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0261	RT41022	HVAC AND DC TRANSMISSION	26	40	3
15A91A0261 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 49 3	15A91A0261	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	47	3
	15A91A0261	RT41025	INSTRUMENTATION	30	29	3
	15A91A0261	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	49	3
15A91A0261 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 25 45 2	15A91A0261	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0261	RT4102M	ELECTRICAL SIMULATION LAB	19	40	2
15A91A0261	RT4102N	POWER SYSTEMS LAB	21	49	2
15A91A0262	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	39	3
15A91A0262	RT41022	HVAC AND DC TRANSMISSION	28	32	3
15A91A0262	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	27	3
15A91A0262	RT41025	INSTRUMENTATION	15	30	3
15A91A0262	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	36	3
15A91A0262	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	30	2
15A91A0262	RT4102M	ELECTRICAL SIMULATION LAB	16	38	2
15A91A0262	RT4102N	POWER SYSTEMS LAB	11	33	2
15A91A0263	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	9	0
15A91A0263	RT41022	HVAC AND DC TRANSMISSION	23	29	3
15A91A0263	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	9	0
15A91A0263	RT41025	INSTRUMENTATION	9	5	0
15A91A0263	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	12	0
15A91A0263	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	42	2
15A91A0263	RT4102M	ELECTRICAL SIMULATION LAB	18	41	2
15A91A0263	RT4102N	POWER SYSTEMS LAB	18	33	2
15A91A0264	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	46	3
15A91A0264	RT41022	HVAC AND DC TRANSMISSION	29	49	3
15A91A0264	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	61	3
15A91A0264	RT41025	INSTRUMENTATION	29	37	3
15A91A0264	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	70	3
15A91A0264	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15A91A0264	RT4102M	ELECTRICAL SIMULATION LAB	21	46	2
15A91A0264	RT4102N	POWER SYSTEMS LAB	25	45	2
15A91A0265	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	45	3
15A91A0265	RT41022	HVAC AND DC TRANSMISSION	27	40	3
15A91A0265	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	35	3
15A91A0265	RT41025	INSTRUMENTATION	22	42	3
15A91A0265	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	30	3
15A91A0265	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	34	2
15A91A0265	RT4102M	ELECTRICAL SIMULATION LAB	19	39	2
15A91A0265	RT4102N	POWER SYSTEMS LAB	20	38	2
15A91A0266	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	32	3
15A91A0266	RT41022	HVAC AND DC TRANSMISSION	24	46	3
15A91A0266	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	32	3
15A91A0266	RT41025	INSTRUMENTATION	17	38	3
15A91A0266	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	18	0
15A91A0266	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
15A91A0266	RT4102M	ELECTRICAL SIMULATION LAB	19	40	2
15A91A0266	RT4102N	POWER SYSTEMS LAB	21	49	2
15A91A0267	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	62	3
15A91A0267	RT41022	HVAC AND DC TRANSMISSION	29	41	3
15A91A0267	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	49	3
15A91A0267	RT41025	INSTRUMENTATION	30	24	3
15A91A0267	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	64	3
15A91A0267	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15A91A0267	RT4102M	ELECTRICAL SIMULATION LAB	21	48	2
15A91A0267	RT4102N	POWER SYSTEMS LAB	25	50	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0268	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	50	3
15A91A0268	RT41021	HVAC AND DC TRANSMISSION	26	47	3
15A91A0268	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	42	3
15A91A0268	RT41025	INSTRUMENTATION	21	41	3
15A91A0268	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	64	3
15A91A0268	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	35	2
15A91A0268	RT4102M	ELECTRICAL SIMULATION LAB	21	37	2
15A91A0268	RT4102N	POWER SYSTEMS LAB	25	31	2
15A91A0269	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	36	3
15A91A0269	RT41022	HVAC AND DC TRANSMISSION	26	33	3
15A91A0269	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	37	3
15A91A0269	RT41025	INSTRUMENTATION	19	30	3
15A91A0269	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	31	3
15A91A0269	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	43	2
15A91A0269	RT4102M	ELECTRICAL SIMULATION LAB	19	37	2
15A91A0269	RT4102N	POWER SYSTEMS LAB	16	31	2
15A91A0270	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	30	3
15A91A0270	RT41021	HVAC AND DC TRANSMISSION	30	53	3
15A91A0270	RT41022	POWER SYSTEM OPERATION AND CONTROL	30	32	3
15A91A0270	RT41025	INSTRUMENTATION	29	43	3
15A91A0270	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	55	3
15A91A0270	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15A91A0270	RT4102L	ELECTRICAL SIMULATION LAB	24	46	2
15A91A0270	RT4102N	POWER SYSTEMS LAB	25	50	2
15A91A0271	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	50	3
15A91A0271	RT41021	HVAC AND DC TRANSMISSION	26	34	3
15A91A0271	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	40	3
15A91A0271	RT41025	INSTRUMENTATION	17	14	0
15A91A0271	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	39	3
15A91A0271	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	35	2
15A91A0271	RT4102L	ELECTRICAL SIMULATION LAB	19	39	2
15A91A0271	RT4102N	POWER SYSTEMS LAB	22	45	2
15A91A0272	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	37	3
15A91A0272	RT41022	HVAC AND DC TRANSMISSION	25	37	3
15A91A0272	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	36	3
15A91A0272	RT41025	INSTRUMENTATION	24	33	3
15A91A0272	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	39	3
15A91A0272	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	50	2
15A91A0272	RT4102M	ELECTRICAL SIMULATION LAB	20	43	2
15A91A0272	RT4102N	POWER SYSTEMS LAB	12	46	2
15A91A0274	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	54	3
15A91A0274	RT41021	HVAC AND DC TRANSMISSION	25	37	3
15A91A0274	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	56	3
15A91A0274	RT41025	INSTRUMENTATION	29	42	3
15A91A0274	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	51	3
15A91A0274	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	50	2
15A91A0274	RT4102M	ELECTRICAL SIMULATION LAB	23	40	2
15A91A0274	RT4102N	POWER SYSTEMS LAB	21	39	2
15A91A0275	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	29	3
15A91A0275	RT41022	HVAC AND DC TRANSMISSION	30	53	3
					-

Htno	Subcode	Subname	Internal	External	Credits
15A91A0275	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	32	3
15A91A0275	RT41025	INSTRUMENTATION	29	42	3
15A91A0275	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	57	3
15A91A0275	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	50	2
15A91A0275	RT4102M	ELECTRICAL SIMULATION LAB	20	48	2
15A91A0275	RT4102N	POWER SYSTEMS LAB	22	39	2
15A91A0276	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	54	3
15A91A0276	RT41022	HVAC AND DC TRANSMISSION	24	40	3
15A91A0276	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	36	3
15A91A0276	RT41025	INSTRUMENTATION	19	39	3
15A91A0276	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	44	3
15A91A0276	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	38	2
15A91A0276	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
15A91A0276	RT4102N	POWER SYSTEMS LAB	18	48	2
15A91A0277	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	34	3
15A91A0277	RT41022	HVAC AND DC TRANSMISSION	24	38	3
15A91A0277	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	7	0
15A91A0277	RT41025	INSTRUMENTATION	15	42	3
15A91A0277	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	62	3
15A91A0277	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	39	2
15A91A0277	RT4102M	ELECTRICAL SIMULATION LAB	21	41	2
15A91A0277	RT4102N	POWER SYSTEMS LAB	15	35	2
15A91A0279	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	38	3
15A91A0279	RT41022	HVAC AND DC TRANSMISSION	29	39	3
15A91A0279	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	43	3
15A91A0279	RT41025	INSTRUMENTATION	29	34	3
15A91A0279	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	42	3
15A91A0279	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	41	2
15A91A0279	RT4102M	ELECTRICAL SIMULATION LAB	22	49	2
15A91A0279	RT4102N	POWER SYSTEMS LAB	19	48	2
15A91A0280	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	13	0
15A91A0280	RT41022	HVAC AND DC TRANSMISSION	24	50	3
15A91A0280	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	24	3
15A91A0280	RT41025	INSTRUMENTATION	18	27	3
15A91A0280	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	28	3
15A91A0280	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15A91A0280	RT4102M	ELECTRICAL SIMULATION LAB	20	36	2
15A91A0280	RT4102N	POWER SYSTEMS LAB	19	35	2
15A91A0281	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	43	3
15A91A0281	RT41022	HVAC AND DC TRANSMISSION	26	36	3
15A91A0281	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	37	3
15A91A0281	RT41025	INSTRUMENTATION	19	5	0
15A91A0281	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	39	3
15A91A0281	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15A91A0281	RT4102M	ELECTRICAL SIMULATION LAB	21	42	2
15A91A0281	RT4102N	POWER SYSTEMS LAB	20	49	2
15A91A0282	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	40	3
15A91A0282	RT41022	HVAC AND DC TRANSMISSION	26	50	3
15A91A0282	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	24	3
15A91A0282	RT41025	INSTRUMENTATION	20	33	3

15A91A0282	Htno	Subcode	Subname	Internal	External	Credits
15A91A0282	15A91A0282	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	46	3
15A91A0282 RT4102M ELECTRICAL SIMULATION LAB 20 49 2 15A91A0282 RT4102P POWER SYSTEMS LAB 15 49 2 15A91A0283 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 26 3 3 15A91A0283 RT41029 HYAC AND DC TRANSMISSION 20 26 3 3 15A91A0283 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 22 27 3 3 2 2 2 2 2 2 2 2						
15A91A0282						
15A91A0283 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 26 3 3 15A91A0283 RT41022 HVAC AND DC TRANSMISSION 26 35 3 3 15A91A0283 RT41025 DOWER SYSTEM OPERATION AND CONTROL 27 18 0 15A91A0283 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 27 3 15A91A0283 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 27 3 15A91A0283 RT41024 ELECTRICAL DISTRIBUTION SYSTEMS 28 20 40 2 2 2 2 2 2 2 2 2	15A91A0282		POWER SYSTEMS LAB			
15A91A0283						
15A91A0283						
15A91A0283	15A91A0283	RT41023	POWER SYSTEM OPERATION AND CONTROL			
15A91A0283		RT41025	INSTRUMENTATION	20	26	3
15A91A0283						
15A91A0283						
15A91A0283			ELECTRICAL SIMULATION LAB			2
15A91A0284						
15A91A0284						
15A91A0284						
15A91A0284 RT41025 INSTRUMENTATION 30 42 3 3 15A91A0284 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 54 3 3 15A91A0284 RT4102M MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 15A91A0284 RT4102M ELECTRICAL SIMULATION LAB 24 50 2 15A91A0285 RT4102N POWER SYSTEMS LAB 25 49 2 2 3 3 3 3 3 3 3 3						
15A91A0284						
15A91A0284 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 2 15A91A0284 RT4102M ELECTRICAL SIMULATION LAB 24 50 2 2 2 15A91A0285 RT4102N POWER SYSTEMS LAB 25 49 2 2 15A91A0285 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 29 24 3 3 15A91A0285 RT41022 HVAC AND DC TRANSMISSION 21 36 3 3 15A91A0285 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 28 3 15A91A0285 RT41025 INSTRUMENTATION 19 16 0 0 15A91A0285 RT41025 INSTRUMENTATION 19 16 0 0 15A91A0285 RT41024 ELECTRICAL DISTRIBUTION SYSTEMS 27 40 3 15A91A0285 RT41024 MICROPROCESSORS AND MICROCONTROLLERS LAB 21 32 2 15A91A0285 RT4102M ELECTRICAL SIMULATION LAB 19 40 2 15A91A0285 RT4102N POWER SYSTEMS LAB 24 49 2 15A91A0286 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 39 3 15A91A0286 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 39 3 15A91A0286 RT41022 HVAC AND DC TRANSMISSION 27 47 3 15A91A0286 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 28 3 15A91A0286 RT41025 INSTRUMENTATION 22 38 3 15A91A0286 RT41025 INSTRUMENTATION 22 38 3 15A91A0286 RT41024 ELECTRICAL DISTRIBUTION SYSTEMS 28 48 3 15A91A0286 RT41024 ELECTRICAL DISTRIBUTION SYSTEMS 28 48 3 15A91A0286 RT41024 ELECTRICAL SIMULATION LAB 24 49 2 15A91A0286 RT41024 ELECTRICAL SIMULATION LAB 24 49 2 15A91A0286 RT41024 ELECTRICAL SIMULATION LAB 24 49 2 15A91A0287 RT41029 ELECTRICAL SIMULATION LAB 24 49 2 15A91A0287 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0287 RT41022 POWER SYSTEM OPERATION AND CONTROL 30 26 3 15A91A0287 RT41022 POWER SYSTEM OPERATION AND CONTROL 30 26 3 15A91A0287 RT41024 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 37 3 15A91A0287 RT41024 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 37 3 15A91A0287 RT41024 RENEWABLE EN						
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15A91A0286 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 45 2 15A91A0286 RT4102M ELECTRICAL SIMULATION LAB 24 49 2 15A91A0286 RT4102N POWER SYSTEMS LAB 25 28 2 15A91A0287 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0287 RT41022 HVAC AND DC TRANSMISSION 28 40 3 15A91A0287 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 26 3 15A91A0287 RT41025 INSTRUMENTATION 25 33 3 15A91A0287 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 37 3 15A91A0287 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 43 2 15A91A0287 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT410			INSTRUMENTATION	22		
15A91A0286 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 45 2 15A91A0286 RT4102M ELECTRICAL SIMULATION LAB 24 49 2 15A91A0286 RT4102N POWER SYSTEMS LAB 25 28 2 15A91A0287 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0287 RT41022 HVAC AND DC TRANSMISSION 28 40 3 15A91A0287 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 26 3 15A91A0287 RT41025 INSTRUMENTATION 25 33 3 15A91A0287 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 37 3 15A91A0287 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 43 2 15A91A0287 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT410	15A91A0286	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	48	3
15A91A0286 RT4102N POWER SYSTEMS LAB 25 28 2 15A91A0287 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0287 RT41022 HVAC AND DC TRANSMISSION 28 40 3 15A91A0287 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 26 3 15A91A0287 RT41025 INSTRUMENTATION 25 33 3 15A91A0287 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 37 3 15A91A0287 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 43 2 15A91A0287 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT41022 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025	15A91A0286	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15A91A0287 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 38 3 15A91A0287 RT41022 HVAC AND DC TRANSMISSION 28 40 3 15A91A0287 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 26 3 15A91A0287 RT41025 INSTRUMENTATION 25 33 3 15A91A0287 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 37 3 15A91A0287 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 43 2 15A91A0287 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT41022 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0286	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A91A0287 RT41022 HVAC AND DC TRANSMISSION 28 40 3 15A91A0287 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 26 3 15A91A0287 RT41025 INSTRUMENTATION 25 33 3 15A91A0287 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 37 3 15A91A0287 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 43 2 15A91A0287 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT41023 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0286	RT4102N	POWER SYSTEMS LAB	25	28	2
15A91A0287 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 26 3 15A91A0287 RT41025 INSTRUMENTATION 25 33 3 15A91A0287 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 37 3 15A91A0287 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 43 2 15A91A0287 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT41022 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0287	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	38	3
15A91A0287 RT41025 INSTRUMENTATION 25 33 3 15A91A0287 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 37 3 15A91A0287 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 43 2 15A91A0287 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT41022 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0287	RT41022	HVAC AND DC TRANSMISSION	28	40	3
15A91A0287 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 37 3 15A91A0287 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 43 2 15A91A0287 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT41022 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0287	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	26	3
15A91A0287 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 43 2 15A91A0287 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT41022 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0287	RT41025	INSTRUMENTATION	25	33	3
15A91A0287 RT4102M ELECTRICAL SIMULATION LAB 19 41 2 15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT41022 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0287	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	37	3
15A91A0287 RT4102N POWER SYSTEMS LAB 22 35 2 15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT41022 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0287	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15A91A0289 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 39 3 15A91A0289 RT41022 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0287	RT4102M	ELECTRICAL SIMULATION LAB	19	41	2
15A91A0289 RT41022 HVAC AND DC TRANSMISSION 23 61 3 15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0287	RT4102N	POWER SYSTEMS LAB	22	35	2
15A91A0289 RT41023 POWER SYSTEM OPERATION AND CONTROL 23 33 3 15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0289	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	39	3
15A91A0289 RT41025 INSTRUMENTATION 23 38 3	15A91A0289	RT41022	HVAC AND DC TRANSMISSION	23	61	3
	15A91A0289	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	33	3
15A91A0289 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 24 49 3	15A91A0289	RT41025	INSTRUMENTATION	23	38	3
1	15A91A0289	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	49	3
15A91A0289 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 32 2	15A91A0289	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	32	2

15A91A0289 RT4102N POWER SYSTEMS LAB 17 37 2 15A91A0290 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 35 3 15A91A0290 RT41022 HVAC AND DC TRANSMISSION 22 26 3 15A91A0290 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 12 (2 42 (2 (2 (2 (2 (2 (2 (2 (2	2 2 3 3 0 0 0 3 2 2 2 2 3 3 3 3 3 3 2 2 2 2
15A91A0289 RT4102N POWER SYSTEMS LAB 17 37 2 15A91A0290 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 35 3 15A91A0290 RT41022 HVAC AND DC TRANSMISSION 22 26 3 15A91A0290 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 12 (12	2 3 3 0 0 3 2 2 2 3 3 3 3 3 2 2 2 2 2 2
15A91A0290 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 35 15A91A0290 RT41022 HVAC AND DC TRANSMISSION 22 26 35 15A91A0290 RT41022 HVAC AND DC TRANSMISSION 22 26 35 15A91A0290 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 12 12 15A91A0290 RT41025 INSTRUMENTATION 19 13 13 13 11 15A91A0290 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 41 31 31 31 32 32 32 32 32 32 32 33 32 33 32 33 32 33<	3 3 0 0 3 2 2 2 2 3 3 3 3 3 2 2 2 2 2 2
15A91A0290 RT41022 HVAC AND DC TRANSMISSION 22 26 : 15A91A0290 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 12 (1 15A91A0290 RT41025 INSTRUMENTATION 19 13 (1 15A91A0290 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 41 : 15A91A0290 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 30 : 15A91A0290 RT4102M ELECTRICAL SIMULATION LAB 20 41 : 15A91A0290 RT4102M POWER SYSTEMS LAB 21 35 : 15A91A0291 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 48 : 15A91A0291 RT41022 HVAC AND DC TRANSMISSION 25 49 : 15A91A0291 RT41023 POWER SYSTEM OPERATION AND CONTROL 20 42 : 15A91A0291 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 67 : 15A91A0291 RT4102M MICROPROCESSORS AN	3 0 0 3 2 2 2 3 3 3 3 3 2 2 2 2 2 2 2 2
15A91A0290 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 12 15A91A0290 RT41025 INSTRUMENTATION 19 13 15A91A0290 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 41 15A91A0290 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 30 15A91A0290 RT4102M ELECTRICAL SIMULATION LAB 20 41 2 15A91A0290 RT4102N POWER SYSTEMS LAB 21 35 2 15A91A0291 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 48 3 15A91A0291 RT41022 HVAC AND DC TRANSMISSION 25 49 3 15A91A0291 RT41023 POWER SYSTEM OPERATION AND CONTROL 20 42 3 15A91A0291 RT41025 INSTRUMENTATION 23 33 3 15A91A0291 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 67 3 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 2 <	0 0 3 2 2 2 2 3 3 3 3 3 2 2 2 2
15A91A0290 RT41025 INSTRUMENTATION 19 13 0 15A91A0290 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 41 3 15A91A0290 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 30 2 15A91A0290 RT4102M ELECTRICAL SIMULATION LAB 20 41 35 15A91A0290 RT4102N POWER SYSTEMS LAB 21 35 2 15A91A0291 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 48 3 15A91A0291 RT41022 HVAC AND DC TRANSMISSION 25 49 3 15A91A0291 RT41023 POWER SYSTEM OPERATION AND CONTROL 20 42 3 15A91A0291 RT41025 INSTRUMENTATION 23 33 3 15A91A0291 RT41024 MICROPROCESSORS AND MICROCONTROLLERS LAB 22 43 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 15A91A0292 RT4102N POWER SYSTEMS LAB 21 49 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 2	0 3 2 2 2 3 3 3 3 3 3 2 2
15A91A0290 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 41 3 15A91A0290 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 30 2 15A91A0290 RT4102M ELECTRICAL SIMULATION LAB 20 41 35 15A91A0290 RT4102N POWER SYSTEMS LAB 21 35 2 15A91A0291 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 48 3 15A91A0291 RT41022 HVAC AND DC TRANSMISSION 25 49 3 15A91A0291 RT41023 POWER SYSTEM OPERATION AND CONTROL 20 42 3 15A91A0291 RT41025 INSTRUMENTATION 23 33 3 15A91A0291 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 67 3 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 2 15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 3 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41023	2 2 3 3 3 3 3 2 2
15A91A0290 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 30 2 15A91A0290 RT4102M ELECTRICAL SIMULATION LAB 20 41 2 15A91A0290 RT4102N POWER SYSTEMS LAB 21 35 35 15A91A0291 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 48 3 15A91A0291 RT41022 HVAC AND DC TRANSMISSION 25 49 3 15A91A0291 RT41023 POWER SYSTEM OPERATION AND CONTROL 20 42 3 15A91A0291 RT41025 INSTRUMENTATION 23 33 3 15A91A0291 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 67 3 15A91A0291 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 43 3 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 2 15A91A0292 RT4102N POWER SYSTEMS LAB 21 49 2 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES A	2 2 3 3 3 3 3 2 2
15A91A0290 RT4102N POWER SYSTEMS LAB 21 35 2 15A91A0291 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 48 3 15A91A0291 RT41022 HVAC AND DC TRANSMISSION 25 49 3 15A91A0291 RT41023 POWER SYSTEM OPERATION AND CONTROL 20 42 3 15A91A0291 RT41025 INSTRUMENTATION 23 33 3 15A91A0291 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 67 3 15A91A0291 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 43 3 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 3 15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 3 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	2 3 3 3 3 3 2 2 2
15A91A0291 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 25 48 3 15A91A0291 RT41022 HVAC AND DC TRANSMISSION 25 49 3 15A91A0291 RT41023 POWER SYSTEM OPERATION AND CONTROL 20 42 3 15A91A0291 RT41025 INSTRUMENTATION 23 33 3 15A91A0291 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 67 3 15A91A0291 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 43 2 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 3 15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 2 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	3 3 3 3 3 2 2 2
15A91A0291 RT41022 HVAC AND DC TRANSMISSION 25 49 3 15A91A0291 RT41023 POWER SYSTEM OPERATION AND CONTROL 20 42 3 15A91A0291 RT41025 INSTRUMENTATION 23 33 3 15A91A0291 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 67 3 15A91A0291 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 43 2 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 2 15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 2 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	3 3 3 3 2 2 2
15A91A0291 RT41022 HVAC AND DC TRANSMISSION 25 49 3 15A91A0291 RT41023 POWER SYSTEM OPERATION AND CONTROL 20 42 3 15A91A0291 RT41025 INSTRUMENTATION 23 33 3 15A91A0291 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 67 3 15A91A0291 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 43 2 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 2 15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 2 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	3 3 3 2 2 2
15A91A0291 RT41025 INSTRUMENTATION 23 33 3 15A91A0291 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 67 3 15A91A0291 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 43 2 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 2 15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 2 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41023 HVAC AND DC TRANSMISSION 24 43 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	3 3 2 2 2
15A91A0291 RT41025 INSTRUMENTATION 23 33 3 15A91A0291 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 23 67 3 15A91A0291 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 43 2 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 2 15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 2 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41023 HVAC AND DC TRANSMISSION 24 43 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	3 3 2 2 2
15A91A0291 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 43 2 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 2 15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 2 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41022 HVAC AND DC TRANSMISSION 24 43 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	2 2 2
15A91A0291 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 43 2 15A91A0291 RT4102M ELECTRICAL SIMULATION LAB 23 40 2 15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 2 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41022 HVAC AND DC TRANSMISSION 24 43 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	2 2 2
15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 2 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41022 HVAC AND DC TRANSMISSION 24 43 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	2
15A91A0291 RT4102N POWER SYSTEMS LAB 21 49 2 15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41022 HVAC AND DC TRANSMISSION 24 43 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	2
15A91A0292 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 28 42 3 15A91A0292 RT41022 HVAC AND DC TRANSMISSION 24 43 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	
15A91A0292 RT41022 HVAC AND DC TRANSMISSION 24 43 3 15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	
15A91A0292 RT41023 POWER SYSTEM OPERATION AND CONTROL 28 44 3 15A91A0292 RT41025 INSTRUMENTATION 20 39 3	3
15A91A0292 RT41025 INSTRUMENTATION 20 39 3	3
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	3
15A91A0292 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 22 44 2	2
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15A91A0293 RT41025 INSTRUMENTATION 26 36 3	3
15A91A0293 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 29 51 :	3
15A91A0293 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 46 2	2
15A91A0293 RT4102M ELECTRICAL SIMULATION LAB 22 47 2	2
15A91A0293 RT4102N POWER SYSTEMS LAB 24 49 2	2
15A91A0294 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 30 31 3	3
15A91A0294 RT41022 HVAC AND DC TRANSMISSION 26 42 ;	3
15A91A0294 RT41023 POWER SYSTEM OPERATION AND CONTROL 27 36 ;	3
15A91A0294 RT41025 INSTRUMENTATION 26 46 :	3
15A91A0294 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 46 ;	3
15A91A0294 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2	2
15A91A0294 RT4102M ELECTRICAL SIMULATION LAB 24 43 2	2
15A91A0294 RT4102N POWER SYSTEMS LAB 25 49 2	2
15A91A0301 RT41031 AUTOMOBILE ENGINEERING 29 53 :	3
15A91A0301 RT41032 CAD / CAM 22 69 3	3
15A91A0301 RT41033 FINITE ELEMENT METHODS 27 47 :	3
15A91A0301 RT41034 UNCONVENTIONAL MACHINING PROCESSES 30 52 :	3
15A91A0301 RT41035 MEMS 29 49 3	3
15A91A0301 RT41039 AUTOMATION IN MANUFACTURING 30 45 :	3
15A91A0301 RT4103L SIMULATION LAB 25 49 2	2
15A91A0301 RT4103M DESIGN FABRICATION PROJECT 50 0	1

Htno	Subcode	Subname	Internal	External	Credits
15A91A0302	RT41031	AUTOMOBILE ENGINEERING	27	34	3
15A91A0302	RT41032	CAD / CAM	22	41	3
15A91A0302	RT41033	FINITE ELEMENT METHODS	29	34	3
15A91A0302	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	54	3
15A91A0302	RT41035	MEMS	29	46	3
15A91A0302	RT41039	AUTOMATION IN MANUFACTURING	29	24	3
15A91A0302	RT4103L	SIMULATION LAB	24	50	2
15A91A0302	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0303	RT41031	AUTOMOBILE ENGINEERING	27	44	3
15A91A0303	RT41032	CAD / CAM	23	53	3
15A91A0303	RT41033	FINITE ELEMENT METHODS	25	52	3
15A91A0303	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	33	3
15A91A0303	RT41035	MEMS	27	38	3
15A91A0303	RT41039	AUTOMATION IN MANUFACTURING	26	42	3
15A91A0303	RT4103L	SIMULATION LAB	20	49	2
15A91A0303	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15A91A0304	RT41031	AUTOMOBILE ENGINEERING	27	37	3
15A91A0304	RT41032	CAD / CAM	20	39	3
15A91A0304	RT41033	FINITE ELEMENT METHODS	22	33	3
15A91A0304	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	38	3
15A91A0304	RT41035	MEMS	28	28	3
15A91A0304	RT41039	AUTOMATION IN MANUFACTURING	26	30	3
15A91A0304	RT4103L	SIMULATION LAB	23	47	2
15A91A0304	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15A91A0305	RT41031	AUTOMOBILE ENGINEERING	28	57	3
15A91A0305	RT41032	CAD / CAM	22	59	3
15A91A0305	RT41033	FINITE ELEMENT METHODS	26	47	3
15A91A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	42	3
15A91A0305	RT41035	MEMS	20	49	3
15A91A0305	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	57	3
15A91A0305	RT4103L	SIMULATION LAB	22	40	2
15A91A0305	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A0306	RT41031	AUTOMOBILE ENGINEERING	27	7	0
15A91A0306	RT41032	CAD / CAM	19	0	0
15A91A0306	RT41033	FINITE ELEMENT METHODS	17	-1	0
15A91A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	18	0
15A91A0306	RT41035	MEMS	21	-1	0
15A91A0306	RT41039	AUTOMATION IN MANUFACTURING	17	-1	0
15A91A0306	RT4103L	SIMULATION LAB	22	45	2
15A91A0306	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A91A0307	RT41031	AUTOMOBILE ENGINEERING	24	44	3
15A91A0307	RT41032	CAD / CAM	22	51	3
15A91A0307	RT41033	FINITE ELEMENT METHODS	18	36	3
15A91A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	31	3
15A91A0307	RT41035	MEMS	21	39	3
15A91A0307	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	48	3
15A91A0307	RT4103L	SIMULATION LAB	21	46	2
15A91A0307	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A0308	RT41031	AUTOMOBILE ENGINEERING	26	41	3
15A91A0308	RT41032	CAD / CAM	21	30	3

15A91A0308	Htno	Subcode	Subname	Internal	External	Credits
15A91A0308	15A91A0308	RT41033	FINITE ELEMENT METHODS	20	24	3
15A91A0308 RT4103A INDUSTRIAL HYDRAULICS AND PNEUMATICS 24 34 3 15A91A0308 RT4103L SIMULATION LAB 22 36 2 15A91A0309 RT4103M DESIGN FABRICATION PROJECT 47 0 1 15A91A0309 RT41031 AUTOMOBILE ENGINEERING 25 47 3 15A91A0309 RT41032 CAD / CAM 23 41 3 15A91A0309 RT41033 FINITE ELEMENT METHODS 25 39 3 15A91A0309 RT41034 UNCONVENTIONAL MACHINING PROCESSES 25 41 3 15A91A0309 RT41035 MEMS 25 39 3 15A91A0309 RT41031 SIMULATION LAB 25 46 2 15A91A0309 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3	15A91A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	31	3
15A91A0308 RT4103L SIMULATION LAB 22 36 2 15A91A0308 RT4103M DESIGN FABRICATION PROJECT 47 0 1 15A91A0309 RT41031 AUTOMOBILE ENGINEERING 25 47 3 15A91A0309 RT41032 CAD / CAM 23 41 3 15A91A0309 RT41033 FINITE ELEMENT METHODS 25 39 3 15A91A0309 RT41034 UNCONVENTIONAL MACHINING PROCESSES 25 41 3 15A91A0309 RT41034 UNCONVENTIONAL MACHINING PROCESSES 25 39 3 15A91A0309 RT41031 MEMS 25 39 3 15A91A0309 RT41031 SIMULATION LAB 25 46 2 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A9	15A91A0308	RT41035	MEMS	20	28	3
15A91A0308 RT4103M DESIGN FABRICATION PROJECT 47 0 1 15A91A0309 RT41031 AUTOMOBILE ENGINEERING 25 47 3 15A91A0309 RT41032 CAD / CAM 23 41 3 15A91A0309 RT41033 FINITE ELEMENT METHODS 25 39 3 15A91A0309 RT41034 UNCONVENTIONAL MACHINING PROCESSES 25 41 3 15A91A0309 RT41034 UNCONVENTIONAL MACHINING PROCESSES 25 41 3 15A91A0309 RT41034 UNCONVENTIONAL MACHINING PROCESSES 25 41 3 15A91A0309 RT41034 UNCONVENTIONAL MACHINING 20 24 3 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41033 MEMS 21 29 3 <	15A91A0308	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	34	3
15A91A0309 RT41031 AUTOMOBILE ENGINEERING 25 47 3 15A91A0309 RT41032 CAD / CAM 23 41 3 15A91A0309 RT41033 FINITE ELEMENT METHODS 25 39 3 15A91A0309 RT41034 UNCONVENTIONAL MACHINING PROCESSES 25 41 3 15A91A0309 RT41035 MEMS 25 39 3 15A91A0309 RT41039 AUTOMATION IN MANUFACTURING 20 24 3 15A91A0309 RT4103L SIMULATION LAB 25 46 2 15A91A0310 RT4103L DESIGN FABRICATION PROJECT 47 0 1 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 <	15A91A0308	RT4103L	SIMULATION LAB	22	36	2
15A91A0309 RT41032 CAD / CAM 23 41 3 15A91A0309 RT41033 FINITE ELEMENT METHODS 25 39 3 15A91A0309 RT41034 UNCONVENTIONAL MACHINING PROCESSES 25 41 3 15A91A0309 RT41035 MEMS 25 39 3 15A91A0309 RT41039 AUTOMATION IN MANUFACTURING 20 24 3 15A91A0309 RT41031 SIMULATION LAB 25 46 2 15A91A0309 RT41031 DESIGN FABRICATION PROJECT 47 0 1 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41031 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41031 AUTOMOBILE ENGI	15A91A0308	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A0309 RT41033 FINITE ELEMENT METHODS 25 39 3 15A91A0309 RT41034 UNCONVENTIONAL MACHINING PROCESSES 25 41 3 15A91A0309 RT41035 MEMS 25 39 3 15A91A0309 RT41039 AUTOMATION IN MANUFACTURING 20 24 3 15A91A0309 RT4103L SIMULATION LAB 25 46 2 15A91A0309 RT4103M DESIGN FABRICATION PROJECT 47 0 1 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41039 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 <td>15A91A0309</td> <td>RT41031</td> <td>AUTOMOBILE ENGINEERING</td> <td>25</td> <td>47</td> <td>3</td>	15A91A0309	RT41031	AUTOMOBILE ENGINEERING	25	47	3
15A91A0309 RT41034 UNCONVENTIONAL MACHINING PROCESSES 25 41 3 15A91A0309 RT41035 MEMS 25 39 3 15A91A0309 RT41039 AUTOMATION IN MANUFACTURING 20 24 3 15A91A0309 RT4103L SIMULATION LAB 25 46 2 15A91A0309 RT4103M DESIGN FABRICATION PROJECT 47 0 1 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41031 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3	15A91A0309	RT41032	CAD / CAM	23	41	3
15A91A0309 RT41035 MEMS 25 39 3 15A91A0309 RT41039 AUTOMATION IN MANUFACTURING 20 24 3 15A91A0309 RT4103L SIMULATION LAB 25 46 2 15A91A0309 RT4103M DESIGN FABRICATION PROJECT 47 0 1 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41031 SIMULATION LAB 25 42 2 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 <t< td=""><td>15A91A0309</td><td>RT41033</td><td>FINITE ELEMENT METHODS</td><td>25</td><td>39</td><td>3</td></t<>	15A91A0309	RT41033	FINITE ELEMENT METHODS	25	39	3
15A91A0309 RT41039 AUTOMATION IN MANUFACTURING 20 24 3 15A91A0309 RT4103L SIMULATION LAB 25 46 2 15A91A0309 RT4103M DESIGN FABRICATION PROJECT 47 0 1 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41039 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0310 RT4103L SIMULATION LAB 25 42 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3	15A91A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	41	3
15A91A0309 RT4103L SIMULATION LAB 25 46 2 15A91A0309 RT4103M DESIGN FABRICATION PROJECT 47 0 1 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41039 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0310 RT4103L SIMULATION LAB 25 42 2 15A91A0310 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A03	15A91A0309	RT41035	MEMS	25	39	3
15A91A0309 RT4103M DESIGN FABRICATION PROJECT 47 0 1 15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41039 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0310 RT4103L SIMULATION LAB 25 42 2 15A91A0310 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 39 3	15A91A0309	RT41039	AUTOMATION IN MANUFACTURING	20	24	3
15A91A0310 RT41031 AUTOMOBILE ENGINEERING 26 30 3 15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41039 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0310 RT4103L SIMULATION LAB 25 42 2 15A91A0310 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41031 AUTOMATION IN MANUFACTURING 23 30 3	15A91A0309	RT4103L	SIMULATION LAB	25	46	2
15A91A0310 RT41032 CAD / CAM 23 35 3 15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41039 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0310 RT4103L SIMULATION LAB 25 42 2 15A91A0310 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3	15A91A0309	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A0310 RT41033 FINITE ELEMENT METHODS 21 24 3 15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41039 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0310 RT4103L SIMULATION LAB 25 42 2 15A91A0310 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 39 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41031 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 <	15A91A0310	RT41031	AUTOMOBILE ENGINEERING	26	30	3
15A91A0310 RT41034 UNCONVENTIONAL MACHINING PROCESSES 24 39 3 15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41039 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0310 RT4103L SIMULATION LAB 25 42 2 15A91A0310 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT4103B AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1	15A91A0310	RT41032	CAD / CAM	23	35	3
15A91A0310 RT41035 MEMS 21 29 3 15A91A0310 RT41039 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0310 RT4103L SIMULATION LAB 25 42 2 15A91A0310 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3 </td <td>15A91A0310</td> <td>RT41033</td> <td>FINITE ELEMENT METHODS</td> <td>21</td> <td>24</td> <td>3</td>	15A91A0310	RT41033	FINITE ELEMENT METHODS	21	24	3
15A91A0310 RT41039 AUTOMATION IN MANUFACTURING 18 32 3 15A91A0310 RT4103L SIMULATION LAB 25 42 2 15A91A0310 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	39	3
15A91A0310 RT4103L SIMULATION LAB 25 42 2 15A91A0310 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0310	RT41035	MEMS	21	29	3
15A91A0310 RT4103M DESIGN FABRICATION PROJECT 40 0 1 15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0310	RT41039	AUTOMATION IN MANUFACTURING	18	32	3
15A91A0311 RT41031 AUTOMOBILE ENGINEERING 28 51 3 15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0310	RT4103L	SIMULATION LAB	25	42	2
15A91A0311 RT41032 CAD / CAM 22 53 3 15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0310	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A91A0311 RT41033 FINITE ELEMENT METHODS 23 40 3 15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0311	RT41031	AUTOMOBILE ENGINEERING	28	51	3
15A91A0311 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 33 3 15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0311	RT41032	CAD / CAM	22	53	3
15A91A0311 RT41035 MEMS 29 39 3 15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0311	RT41033	FINITE ELEMENT METHODS	23	40	3
15A91A0311 RT41039 AUTOMATION IN MANUFACTURING 23 30 3 15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0311	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	33	3
15A91A0311 RT4103L SIMULATION LAB 24 45 2 15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0311	RT41035	MEMS	29	39	3
15A91A0311 RT4103M DESIGN FABRICATION PROJECT 42 0 1 15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0311	RT41039	AUTOMATION IN MANUFACTURING	23	30	3
15A91A0312 RT41031 AUTOMOBILE ENGINEERING 27 53 3	15A91A0311	RT4103L	SIMULATION LAB	24	45	2
	15A91A0311	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A01A0212 PT41022 CAD / CAM	15A91A0312	RT41031	AUTOMOBILE ENGINEERING	27	53	3
13A31A0312	15A91A0312	RT41032	CAD / CAM	25	54	3
15A91A0312 RT41033 FINITE ELEMENT METHODS 27 39 3	15A91A0312	RT41033	FINITE ELEMENT METHODS	27	39	3
15A91A0312 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 39 3	15A91A0312	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	39	3
15A91A0312 RT41035 MEMS 27 40 3	15A91A0312	RT41035	MEMS	27	40	3
15A91A0312 RT41039 AUTOMATION IN MANUFACTURING 27 51 3	15A91A0312	RT41039	AUTOMATION IN MANUFACTURING	27	51	3
15A91A0312 RT4103L SIMULATION LAB 25 48 2	15A91A0312	RT4103L	SIMULATION LAB	25	48	2
15A91A0312 RT4103M DESIGN FABRICATION PROJECT 48 0 1	15A91A0312	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0313 RT41031 AUTOMOBILE ENGINEERING 26 55 3	15A91A0313	RT41031	AUTOMOBILE ENGINEERING	26	55	3
15A91A0313 RT41032 CAD / CAM 23 48 3	15A91A0313	RT41032	CAD / CAM	23	48	3
15A91A0313 RT41033 FINITE ELEMENT METHODS 26 32 3	15A91A0313	RT41033	FINITE ELEMENT METHODS	26	32	3
15A91A0313 RT41034 UNCONVENTIONAL MACHINING PROCESSES 29 48 3	15A91A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	48	3
15A91A0313 RT41035 MEMS 29 45 3	15A91A0313	RT41035	MEMS	29	45	3
15A91A0313 RT41039 AUTOMATION IN MANUFACTURING 26 33 3	15A91A0313	RT41039	AUTOMATION IN MANUFACTURING	26	33	3
15A91A0313 RT4103L SIMULATION LAB 24 42 2	15A91A0313	RT4103L	SIMULATION LAB	24	42	2
15A91A0313 RT4103M DESIGN FABRICATION PROJECT 46 0 1	15A91A0313	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A0314 RT41031 AUTOMOBILE ENGINEERING 26 49 3	15A91A0314	RT41031	AUTOMOBILE ENGINEERING	26	49	3
15A91A0314 RT41032 CAD / CAM 22 43 3	15A91A0314	RT41032	CAD / CAM	22	43	3
15A91A0314 RT41033 FINITE ELEMENT METHODS 28 42 3	15A91A0314	RT41033	FINITE ELEMENT METHODS	28	42	3
15A91A0314 RT41034 UNCONVENTIONAL MACHINING PROCESSES 27 61 3	15A91A0314	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	61	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0314	RT41035	MEMS	28	68	3
15A91A0314	RT41039	AUTOMATION IN MANUFACTURING	21	54	3
15A91A0314	RT4103L	SIMULATION LAB	25	43	2
15A91A0314	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
15A91A0315	RT41031	AUTOMOBILE ENGINEERING	25	37	3
15A91A0315	RT41032	CAD / CAM	20	38	3
15A91A0315	RT41033	FINITE ELEMENT METHODS	21	28	3
15A91A0315	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	31	3
15A91A0315	RT41035	MEMS	22	9	0
15A91A0315	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	17	6	0
15A91A0315	RT4103L	SIMULATION LAB	16	48	2
15A91A0315	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15A91A0316	RT41031	AUTOMOBILE ENGINEERING	26	52	3
15A91A0316	RT41032	CAD / CAM	16	47	3
15A91A0316	RT41033	FINITE ELEMENT METHODS	22	30	3
15A91A0316	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	31	3
15A91A0316	RT41035	MEMS	22	29	3
15A91A0316	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	22	46	3
15A91A0316	RT4103L	SIMULATION LAB	16	38	2
15A91A0316	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15A91A0317	RT41031	AUTOMOBILE ENGINEERING	24	38	3
15A91A0317	RT41032	CAD / CAM	17	33	3
15A91A0317	RT41033	FINITE ELEMENT METHODS	23	17	0
15A91A0317	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	43	3
15A91A0317	RT41035	MEMS	22	27	3
15A91A0317	RT41039	AUTOMATION IN MANUFACTURING	20	24	3
15A91A0317	RT4103L	SIMULATION LAB	23	50	2
15A91A0317	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15A91A0318	RT41031	AUTOMOBILE ENGINEERING	23	35	3
15A91A0318	RT41032	CAD / CAM	19	24	3
15A91A0318	RT41033	FINITE ELEMENT METHODS	21	14	0
15A91A0318	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	51	3
15A91A0318	RT41035	MEMS	22	11	0
15A91A0318	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	22	35	3
15A91A0318	RT4103L	SIMULATION LAB	20	40	2
15A91A0318	RT4103M	DESIGN FABRICATION PROJECT	30	0	1
15A91A0319	RT41031	AUTOMOBILE ENGINEERING	27	51	3
15A91A0319	RT41032	CAD / CAM	19	54	3
15A91A0319	RT41033	FINITE ELEMENT METHODS	23	44	3
15A91A0319	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	33	3
15A91A0319	RT41035	MEMS	23	40	3
15A91A0319	RT41039	AUTOMATION IN MANUFACTURING	20	46	3
15A91A0319	RT4103L	SIMULATION LAB	24	44	2
15A91A0319	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15A91A0320	RT41031	AUTOMOBILE ENGINEERING	27	37	3
15A91A0320	RT41032	CAD / CAM	20	47	3
15A91A0320	RT41033	FINITE ELEMENT METHODS	19	30	3
15A91A0320	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	38	3
15A91A0320	RT41035	MEMS	22	34	3
15A91A0320	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	21	40	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0320	RT4103L	SIMULATION LAB	16	44	2
15A91A0320	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A0321	RT41031	AUTOMOBILE ENGINEERING	20	35	3
15A91A0321	RT41032	CAD / CAM	17	31	3
15A91A0321	RT41033	FINITE ELEMENT METHODS	19	0	0
15A91A0321	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	29	3
15A91A0321	RT41035	MEMS	21	38	3
15A91A0321	RT41039	AUTOMATION IN MANUFACTURING	7	24	0
15A91A0321	RT4103L	SIMULATION LAB	20	33	2
15A91A0321	RT4103M	DESIGN FABRICATION PROJECT	19	0	0
15A91A0323	RT41031	AUTOMOBILE ENGINEERING	23	36	3
15A91A0323	RT41032	CAD / CAM	17	34	3
15A91A0323	RT41033	FINITE ELEMENT METHODS	19	34	3
15A91A0323	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	36	3
15A91A0323	RT41035	MEMS	22	50	3
15A91A0323	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	29	3
15A91A0323	RT4103L	SIMULATION LAB	20	42	2
15A91A0323	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A0324	RT41031	AUTOMOBILE ENGINEERING	22	29	3
15A91A0324	RT41032	CAD / CAM	19	50	3
15A91A0324	RT41033	FINITE ELEMENT METHODS	20	41	3
15A91A0324	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	24	3
15A91A0324	RT41035	MEMS	19	39	3
15A91A0324	RT41039	AUTOMATION IN MANUFACTURING	19	32	3
15A91A0324	RT4103L	SIMULATION LAB	15	45	2
15A91A0324	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A0327	RT41031	AUTOMOBILE ENGINEERING	22	37	3
15A91A0327	RT41032	CAD / CAM	22	49	3
15A91A0327	RT41033	FINITE ELEMENT METHODS	19	31	3
15A91A0327	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	40	3
15A91A0327	RT41035	MEMS	21	30	3
15A91A0327	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	41	3
15A91A0327	RT4103L	SIMULATION LAB	22	43	2
15A91A0327	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
15A91A0328	RT41031	AUTOMOBILE ENGINEERING	25	52	3
15A91A0328	RT41032	CAD / CAM	21	33	3
15A91A0328	RT41033	FINITE ELEMENT METHODS	24	35	3
15A91A0328	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	41	3
15A91A0328	RT41035	MEMS	24	40	3
15A91A0328	RT41039	AUTOMATION IN MANUFACTURING	16	28	3
15A91A0328	RT4103L	SIMULATION LAB	24	50	2
15A91A0328	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A91A0329	RT41031	AUTOMOBILE ENGINEERING	12	17	0
15A91A0329	RT41032	CAD / CAM	16	32	3
15A91A0329	RT41033	FINITE ELEMENT METHODS	17	0	0
15A91A0329	RT41034	UNCONVENTIONAL MACHINING PROCESSES	11	36	3
15A91A0329	RT41035	MEMS	18	35	3
15A91A0329	RT41039	AUTOMATION IN MANUFACTURING	12	28	3
15A91A0329	RT4103L	SIMULATION LAB	19	41	2
15A91A0329	RT4103M	DESIGN FABRICATION PROJECT	38	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A91A0330	RT41031	AUTOMOBILE ENGINEERING	29	54	3
15A91A0330	RT41032	CAD / CAM	25	48	3
15A91A0330	RT41033	FINITE ELEMENT METHODS	27	48	3
15A91A0330	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	24	3
15A91A0330	RT41035	MEMS	29	39	3
15A91A0330	RT41039	AUTOMATION IN MANUFACTURING	23	24	3
15A91A0330	RT4103L	SIMULATION LAB	25	42	2
15A91A0330	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A91A0331	RT41031	AUTOMOBILE ENGINEERING	26	36	3
15A91A0331	RT41032	CAD / CAM	25	37	3
15A91A0331	RT41033	FINITE ELEMENT METHODS	23	37	3
15A91A0331	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	37	3
15A91A0331	RT41035	MEMS	27	33	3
15A91A0331	RT41039	AUTOMATION IN MANUFACTURING	22	40	3
15A91A0331	RT4103L	SIMULATION LAB	17	38	2
15A91A0331	RT4103M	DESIGN FABRICATION PROJECT	32	0	1
15A91A0332	RT41031	AUTOMOBILE ENGINEERING	27	54	3
15A91A0332	RT41032	CAD / CAM	24	26	3
15A91A0332	RT41033	FINITE ELEMENT METHODS	27	41	3
15A91A0332	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	37	3
15A91A0332	RT41035	MEMS	28	41	3
15A91A0332	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	51	3
15A91A0332	RT4103L	SIMULATION LAB	22	45	2
15A91A0332	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0333	RT41031	AUTOMOBILE ENGINEERING	21	35	3
15A91A0333	RT41032	CAD / CAM	16	38	3
15A91A0333	RT41033	FINITE ELEMENT METHODS	17	15	0
15A91A0333	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	44	3
15A91A0333	RT41035	MEMS	16	24	3
15A91A0333	RT41039	AUTOMATION IN MANUFACTURING	17	16	0
15A91A0333	RT4103L	SIMULATION LAB	20	43	2
15A91A0333	RT4103M	DESIGN FABRICATION PROJECT	26	0	1
15A91A0334	RT41031	AUTOMOBILE ENGINEERING	25	29	3
15A91A0334	RT41032	CAD / CAM	18	44	3
15A91A0334	RT41033	FINITE ELEMENT METHODS	20	24	3
15A91A0334	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	11	0
15A91A0334	RT41035	MEMS	20	25	3
15A91A0334	RT41039	AUTOMATION IN MANUFACTURING	17	26	3
15A91A0334	RT4103L	SIMULATION LAB	23	46	2
15A91A0334	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A0335	RT41031	AUTOMOBILE ENGINEERING	21	41	3
15A91A0335	RT41032	CAD / CAM	24	44	3
15A91A0335	RT41033	FINITE ELEMENT METHODS	21	39	3
15A91A0335	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	38	3
15A91A0335	RT41035	MEMS	23	32	3
15A91A0335	RT41039	AUTOMATION IN MANUFACTURING	21	32	3
15A91A0335	RT4103L	SIMULATION LAB	24	46	2
15A91A0335	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A0336	RT41031	AUTOMOBILE ENGINEERING	26	57	3
15A91A0336	RT41032	CAD / CAM	25	32	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0336	RT41033	FINITE ELEMENT METHODS	24	35	3
15A91A0336	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	43	3
15A91A0336	RT41035	MEMS	27	46	3
15A91A0336	RT41039	AUTOMATION IN MANUFACTURING	29	45	3
15A91A0336	RT4103L	SIMULATION LAB	25	42	2
15A91A0336	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0337	RT41031	AUTOMOBILE ENGINEERING	26	35	3
15A91A0337	RT41032	CAD / CAM	21	41	3
15A91A0337	RT41033	FINITE ELEMENT METHODS	23	37	3
15A91A0337	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	51	3
15A91A0337	RT41035	MEMS	23	59	3
15A91A0337	RT41039	AUTOMATION IN MANUFACTURING	24	35	3
15A91A0337	RT4103L	SIMULATION LAB	23	47	2
15A91A0337	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15A91A0338	RT41031	AUTOMOBILE ENGINEERING	23	34	3
15A91A0338	RT41032	CAD / CAM	22	49	3
15A91A0338	RT41033	FINITE ELEMENT METHODS	22	43	3
15A91A0338	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	33	3
15A91A0338	RT41035	MEMS	29	36	3
15A91A0338	RT41039	AUTOMATION IN MANUFACTURING	22	39	3
15A91A0338	RT4103L	SIMULATION LAB	23	37	2
15A91A0338	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A91A0339	RT41031	AUTOMOBILE ENGINEERING	25	41	3
15A91A0339	RT41032	CAD / CAM	21	47	3
15A91A0339	RT41033	FINITE ELEMENT METHODS	24	30	3
15A91A0339	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	35	3
15A91A0339	RT41035	MEMS	26	24	3
15A91A0339	RT41039	AUTOMATION IN MANUFACTURING	28	28	3
15A91A0339	RT4103L	SIMULATION LAB	23	43	2
15A91A0339	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A0340	RT41031	AUTOMOBILE ENGINEERING	28	56	3
15A91A0340	RT41032	CAD / CAM	24	34	3
15A91A0340	RT41033	FINITE ELEMENT METHODS	29	30	3
15A91A0340	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	40	3
15A91A0340	RT41035	MEMS	25	47	3
15A91A0340	RT41039	AUTOMATION IN MANUFACTURING	23	43	3
15A91A0340	RT4103L	SIMULATION LAB	24	49	2
15A91A0340	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0341	RT41031	AUTOMOBILE ENGINEERING	15	0	0
15A91A0341	RT41032	CAD / CAM	17	3	0
15A91A0341	RT41033	FINITE ELEMENT METHODS	23	0	0
15A91A0341	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	7	0
15A91A0341	RT41035	MEMS	25	0	0
15A91A0341	RT41039	AUTOMATION IN MANUFACTURING	16	4	0
15A91A0341	RT4103L	SIMULATION LAB	14	-1	0
15A91A0341	RT4103M	DESIGN FABRICATION PROJECT	25	0	1
15A91A0342	RT41031	AUTOMOBILE ENGINEERING	25	24	3
15A91A0342	RT41032	CAD / CAM	20	43	3
15A91A0342	RT41033	FINITE ELEMENT METHODS	22	16	0
15A91A0342	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	18	0

Htno	Subcode	Subname	Internal	External	Credits
15A91A0342	RT41035	MEMS	19	24	3
15A91A0342	RT41039	AUTOMATION IN MANUFACTURING	16	30	3
15A91A0342	RT4103L	SIMULATION LAB	20	45	2
15A91A0342	RT4103M	DESIGN FABRICATION PROJECT	27	0	1
15A91A0343	RT41031	AUTOMOBILE ENGINEERING	27	48	3
15A91A0343	RT41032	CAD / CAM	21	36	3
15A91A0343	RT41033	FINITE ELEMENT METHODS	28	42	3
15A91A0343	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	28	3
15A91A0343	RT41035	MEMS	28	30	3
15A91A0343	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	33	3
15A91A0343	RT4103L	SIMULATION LAB	23	48	2
15A91A0343	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0345	RT41031	AUTOMOBILE ENGINEERING	26	61	3
15A91A0345	RT41032	CAD / CAM	23	63	3
15A91A0345	RT41033	FINITE ELEMENT METHODS	20	43	3
15A91A0345	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	49	3
15A91A0345	RT41035	MEMS	22	48	3
15A91A0345	RT41039	AUTOMATION IN MANUFACTURING	25	40	3
15A91A0345	RT4103L	SIMULATION LAB	23	43	2
15A91A0345	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0346	RT41031	AUTOMOBILE ENGINEERING	30	46	3
15A91A0346	RT41032	CAD / CAM	22	54	3
15A91A0346	RT41033	FINITE ELEMENT METHODS	29	46	3
15A91A0346	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	55	3
15A91A0346	RT41035	MEMS	30	61	3
15A91A0346	RT41039	AUTOMATION IN MANUFACTURING	28	49	3
15A91A0346	RT4103L	SIMULATION LAB	24	42	2
15A91A0346	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
15A91A0347	RT41031	AUTOMOBILE ENGINEERING	26	37	3
15A91A0347	RT41032	CAD / CAM	18	46	3
15A91A0347	RT41033	FINITE ELEMENT METHODS	26	36	3
15A91A0347	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	36	3
15A91A0347	RT41035	MEMS	24	37	3
15A91A0347	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	20	45	3
15A91A0347	RT4103L	SIMULATION LAB	24	50	2
15A91A0347	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A91A0348	RT41031	AUTOMOBILE ENGINEERING	25	36	3
15A91A0348	RT41032	CAD / CAM	18	43	3
15A91A0348	RT41033	FINITE ELEMENT METHODS	21	30	3
15A91A0348	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	43	3
15A91A0348	RT41035	MEMS	22	38	3
15A91A0348	RT41039	AUTOMATION IN MANUFACTURING	22	28	3
15A91A0348	RT4103L	SIMULATION LAB	24	48	2
15A91A0348	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0349	RT41031	AUTOMOBILE ENGINEERING	21	31	3
15A91A0349	RT41032	CAD / CAM	18	40	3
15A91A0349	RT41033	FINITE ELEMENT METHODS	20	24	3
15A91A0349	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	27	3
15A91A0349	RT41035	MEMS	21	31	3
15A91A0349	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	22	37	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0349	RT4103L	SIMULATION LAB	14	49	2
15A91A0349	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A0350	RT41031	AUTOMOBILE ENGINEERING	27	25	3
15A91A0350	RT41032	CAD / CAM	23	30	3
15A91A0350	RT41033	FINITE ELEMENT METHODS	21	34	3
15A91A0350	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	48	3
15A91A0350	RT41035	MEMS	24	37	3
15A91A0350	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	35	3
15A91A0350	RT4103L	SIMULATION LAB	21	46	2
15A91A0350	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A91A0351	RT41031	AUTOMOBILE ENGINEERING	28	47	3
15A91A0351	RT41032	CAD / CAM	21	55	3
15A91A0351	RT41033	FINITE ELEMENT METHODS	24	38	3
15A91A0351	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	24	3
15A91A0351	RT41035	MEMS	24	42	3
15A91A0351	RT41039	AUTOMATION IN MANUFACTURING	21	36	3
15A91A0351	RT4103L	SIMULATION LAB	24	50	2
15A91A0351	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A0353	RT41031	AUTOMOBILE ENGINEERING	22	38	3
15A91A0353	RT41032	CAD / CAM	23	48	3
15A91A0353	RT41033	FINITE ELEMENT METHODS	21	25	3
15A91A0353	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	28	3
15A91A0353	RT41036	NANO TECHNOLOGY	15	30	3
15A91A0353	RT41039	AUTOMATION IN MANUFACTURING	20	24	3
15A91A0353	RT4103L	SIMULATION LAB	22	38	2
15A91A0353	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A91A0355	RT41031	AUTOMOBILE ENGINEERING	21	69	3
15A91A0355	RT41032	CAD / CAM	18	55	3
15A91A0355	RT41033	FINITE ELEMENT METHODS	28	42	3
15A91A0355	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	50	3
15A91A0355	RT41036	NANO TECHNOLOGY	12	55	3
15A91A0355	RT41039	AUTOMATION IN MANUFACTURING	17	40	3
15A91A0355	RT4103L	SIMULATION LAB	20	38	2
15A91A0355	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A0356	RT41031	AUTOMOBILE ENGINEERING	27	34	3
15A91A0356	RT41032	CAD / CAM	20	53	3
15A91A0356	RT41033	FINITE ELEMENT METHODS	25	24	3
15A91A0356	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	40	3
15A91A0356	RT41036	NANO TECHNOLOGY	11	33	3
15A91A0356	RT41039	AUTOMATION IN MANUFACTURING	19	30	3
15A91A0356	RT4103L	SIMULATION LAB	20	40	2
15A91A0356	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A0357	RT41031	AUTOMOBILE ENGINEERING	28	55	3
15A91A0357	RT41032	CAD / CAM	24	52	3
15A91A0357	RT41033	FINITE ELEMENT METHODS	27	30	3
15A91A0357	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	31	3
15A91A0357	RT41036	NANO TECHNOLOGY	23	44	3
15A91A0357	RT41039	AUTOMATION IN MANUFACTURING	25	40	3
15A91A0357	RT4103L	SIMULATION LAB	19	42	2
15A91A0357	RT4103M	DESIGN FABRICATION PROJECT	47	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A91A0358	RT41031	AUTOMOBILE ENGINEERING	28	49	3
15A91A0358	RT41032	CAD / CAM	23	55	3
15A91A0358	RT41033	FINITE ELEMENT METHODS	25	43	3
15A91A0358	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	43	3
15A91A0358	RT41036	NANO TECHNOLOGY	25	48	3
15A91A0358	RT41039	AUTOMATION IN MANUFACTURING	21	42	3
15A91A0358	RT4103L	SIMULATION LAB	22	44	2
15A91A0358	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A0359	RT41031	AUTOMOBILE ENGINEERING	23	35	3
15A91A0359	RT41032	CAD / CAM	19	25	3
15A91A0359	RT41033	FINITE ELEMENT METHODS	27	30	3
15A91A0359	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	34	3
15A91A0359	RT41036	NANO TECHNOLOGY	20	35	3
15A91A0359	RT41039	AUTOMATION IN MANUFACTURING	18	28	3
15A91A0359	RT4103L	SIMULATION LAB	22	39	2
15A91A0359	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A91A0360	RT41031	AUTOMOBILE ENGINEERING	24	37	3
15A91A0360	RT41032	CAD / CAM	20	32	3
15A91A0360	RT41033	FINITE ELEMENT METHODS	22	24	3
15A91A0360	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	30	3
15A91A0360	RT41036	NANO TECHNOLOGY	18	30	3
15A91A0360	RT41039	AUTOMATION IN MANUFACTURING	23	27	3
15A91A0360	RT4103L	SIMULATION LAB	21	35	2
15A91A0360	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A0361	RT41031	AUTOMOBILE ENGINEERING	22	57	3
15A91A0361	RT41032	CAD / CAM	18	39	3
15A91A0361	RT41033	FINITE ELEMENT METHODS	21	28	3
15A91A0361	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	50	3
15A91A0361	RT41036	NANO TECHNOLOGY	20	51	3
15A91A0361	RT41039	AUTOMATION IN MANUFACTURING	18	36	3
15A91A0361	RT4103L	SIMULATION LAB	21	45	2
15A91A0361	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A0362	RT41031	AUTOMOBILE ENGINEERING	20	51	3
15A91A0362	RT41032	CAD / CAM	19	40	3
15A91A0362	RT41033	FINITE ELEMENT METHODS	22	32	3
15A91A0362	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	32	3
15A91A0362	RT41036	NANO TECHNOLOGY	20	44	3
15A91A0362	RT41039	AUTOMATION IN MANUFACTURING	22	28	3
15A91A0362	RT4103L	SIMULATION LAB	23	39	2
15A91A0362	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A91A0363	RT41031	AUTOMOBILE ENGINEERING	22	24	3
15A91A0363	RT41032	CAD / CAM	19	36	3
15A91A0363	RT41033	FINITE ELEMENT METHODS	19	29	3
15A91A0363	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	34	3
15A91A0363	RT41036	NANO TECHNOLOGY	20	39	3
15A91A0363	RT41039	AUTOMATION IN MANUFACTURING	20	28	3
15A91A0363	RT4103L	SIMULATION LAB	20	40	2
15A91A0363	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A91A0364	RT41031	AUTOMOBILE ENGINEERING	27	44	3
15A91A0364	RT41032	CAD / CAM	20	40	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0364	RT41033	FINITE ELEMENT METHODS	27	40	3
15A91A0364	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	36	3
15A91A0364	RT41036	NANO TECHNOLOGY	24	45	3
15A91A0364	RT41039	AUTOMATION IN MANUFACTURING	22	32	3
15A91A0364	RT4103L	SIMULATION LAB	23	38	2
15A91A0364	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A0365	RT41031	AUTOMOBILE ENGINEERING	24	48	3
15A91A0365	RT41032	CAD / CAM	19	53	3
15A91A0365	RT41033	FINITE ELEMENT METHODS	23	31	3
15A91A0365	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	40	3
15A91A0365	RT41036	NANO TECHNOLOGY	23	50	3
15A91A0365	RT41039	AUTOMATION IN MANUFACTURING	23	36	3
15A91A0365	RT4103L	SIMULATION LAB	24	43	2
15A91A0365	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A0367	RT41031	AUTOMOBILE ENGINEERING	27	64	3
15A91A0367	RT41032	CAD / CAM	24	47	3
15A91A0367	RT41033	FINITE ELEMENT METHODS	28	30	3
15A91A0367	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	36	3
15A91A0367	RT41036	NANO TECHNOLOGY	22	44	3
15A91A0367	RT41039	AUTOMATION IN MANUFACTURING	27	30	3
15A91A0367	RT4103L	SIMULATION LAB	22	45	2
15A91A0367	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
15A91A0368	RT41031	AUTOMOBILE ENGINEERING	26	48	3
15A91A0368	RT41032	CAD / CAM	26	42	3
15A91A0368	RT41033	FINITE ELEMENT METHODS	29	31	3
15A91A0368	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	36	3
15A91A0368	RT41036	NANO TECHNOLOGY	20	47	3
15A91A0368	RT41039	AUTOMATION IN MANUFACTURING	26	33	3
15A91A0368	RT4103L	SIMULATION LAB	22	42	2
15A91A0368	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0369	RT41031	AUTOMOBILE ENGINEERING	29	54	3
15A91A0369	RT41032	CAD / CAM	25	41	3
15A91A0369	RT41033	FINITE ELEMENT METHODS	29	39	3
15A91A0369	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	48	3
15A91A0369	RT41036	NANO TECHNOLOGY	30	45	3
15A91A0369	RT41039	AUTOMATION IN MANUFACTURING	23	41	3
15A91A0369	RT4103L	SIMULATION LAB	21	45	2
15A91A0369	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
15A91A0370	RT41031	AUTOMOBILE ENGINEERING	19	27	3
15A91A0370	RT41032	CAD / CAM	22	42	3
15A91A0370	RT41033	FINITE ELEMENT METHODS	20	24	3
15A91A0370	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	24	3
15A91A0370	RT41036	NANO TECHNOLOGY	21	5	0
15A91A0370	RT41039	AUTOMATION IN MANUFACTURING	22	35	3
15A91A0370	RT4103L	SIMULATION LAB	19	41	2
15A91A0370	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A91A0371	RT41031	AUTOMOBILE ENGINEERING	25	33	3
15A91A0371	RT41032	CAD / CAM	28	31	3
15A91A0371	RT41033	FINITE ELEMENT METHODS	29	15	0
15A91A0371	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	27	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0371	RT41036	NANO TECHNOLOGY	22	31	3
15A91A0371	RT41039	AUTOMATION IN MANUFACTURING	20	29	3
15A91A0371	RT4103L	SIMULATION LAB	24	36	2
15A91A0371	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15A91A0373	RT41031	AUTOMOBILE ENGINEERING	28	69	3
15A91A0373	RT41032	CAD / CAM	30	65	3
15A91A0373	RT41033	FINITE ELEMENT METHODS	29	68	3
15A91A0373	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	59	3
15A91A0373	RT41036	NANO TECHNOLOGY	29	53	3
15A91A0373	RT41039	AUTOMATION IN MANUFACTURING	29	51	3
15A91A0373	RT4103L	SIMULATION LAB	25	41	2
15A91A0373	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0374	RT41031	AUTOMOBILE ENGINEERING	26	35	3
15A91A0374	RT41032	CAD / CAM	17	45	3
15A91A0374	RT41033	FINITE ELEMENT METHODS	25	48	3
15A91A0374	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	42	3
15A91A0374	RT41035	MEMS	26	54	3
15A91A0374	RT41039	AUTOMATION IN MANUFACTURING	19	34	3
15A91A0374	RT4103L	SIMULATION LAB	24	47	2
15A91A0374	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0375	RT41031	AUTOMOBILE ENGINEERING	26	51	3
15A91A0375	RT41032	CAD / CAM	28	52	3
15A91A0375	RT41033	FINITE ELEMENT METHODS	30	31	3
15A91A0375	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	32	3
15A91A0375	RT41036	NANO TECHNOLOGY	23	42	3
15A91A0375	RT41039	AUTOMATION IN MANUFACTURING	23	36	3
15A91A0375	RT4103L	SIMULATION LAB	23	46	2
15A91A0375	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0376	RT41031	AUTOMOBILE ENGINEERING	24	41	3
15A91A0376	RT41032	CAD / CAM	18	37	3
15A91A0376	RT41033	FINITE ELEMENT METHODS	26	36	3
15A91A0376	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	33	3
15A91A0376	RT41036	NANO TECHNOLOGY	17	40	3
15A91A0376	RT41039	AUTOMATION IN MANUFACTURING	24	24	3
15A91A0376	RT4103L	SIMULATION LAB	24	46	2
15A91A0376	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A0377	RT41031	AUTOMOBILE ENGINEERING	20	10	0
15A91A0377	RT41032	CAD / CAM	19	25	3
15A91A0377	RT41033	FINITE ELEMENT METHODS	19	0	0
15A91A0377	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	6	0
15A91A0377	RT41036	NANO TECHNOLOGY	14	2	0
15A91A0377	RT41039	AUTOMATION IN MANUFACTURING	17	21	0
15A91A0377	RT4103L	SIMULATION LAB	12	38	2
15A91A0377	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
15A91A0378	RT41031	AUTOMOBILE ENGINEERING	19	30	3
15A91A0378	RT41032	CAD / CAM	14	26	3
15A91A0378	RT41033	FINITE ELEMENT METHODS	17	0	0
15A91A0378	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	24	3
15A91A0378	RT41036	NANO TECHNOLOGY	17	30	3
15A91A0378	RT41039	AUTOMATION IN MANUFACTURING	23	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0378	RT4103L	SIMULATION LAB	20	35	2
15A91A0378	RT4103M	DESIGN FABRICATION PROJECT	20	0	1
15A91A0379	RT41031	AUTOMOBILE ENGINEERING	21	27	3
15A91A0379	RT41032	CAD / CAM	15	25	3
15A91A0379	RT41033	FINITE ELEMENT METHODS	12	12	0
15A91A0379	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	14	0
15A91A0379	RT41036	NANO TECHNOLOGY	17	29	3
15A91A0379	RT41039	AUTOMATION IN MANUFACTURING	22	33	3
15A91A0379	RT4103L	SIMULATION LAB	20	35	2
15A91A0379	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A0380	RT41031	AUTOMOBILE ENGINEERING	29	53	3
15A91A0380	RT41032	CAD / CAM	21	63	3
15A91A0380	RT41033	FINITE ELEMENT METHODS	28	44	3
15A91A0380	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	47	3
15A91A0380	RT41036	NANO TECHNOLOGY	22	61	3
15A91A0380	RT41039	AUTOMATION IN MANUFACTURING	30	39	3
15A91A0380	RT4103L	SIMULATION LAB	20	42	2
15A91A0380	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15A91A0381	RT41031	AUTOMOBILE ENGINEERING	16	33	3
15A91A0381	RT41032	CAD / CAM	14	29	3
15A91A0381	RT41033	FINITE ELEMENT METHODS	17	9	0
15A91A0381	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	33	3
15A91A0381	RT41036	NANO TECHNOLOGY	14	33	3
15A91A0381	RT41039	AUTOMATION IN MANUFACTURING	21	28	3
15A91A0381	RT4103L	SIMULATION LAB	16	38	2
15A91A0381	RT4103M	DESIGN FABRICATION PROJECT	22	0	1
15A91A0382	RT41031	AUTOMOBILE ENGINEERING	29	40	3
15A91A0382	RT41032	CAD / CAM	24	37	3
15A91A0382	RT41033	FINITE ELEMENT METHODS	30	36	3
15A91A0382	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	45	3
15A91A0382	RT41036	NANO TECHNOLOGY	28	55	3
15A91A0382	RT41039	AUTOMATION IN MANUFACTURING	26	44	3
15A91A0382	RT4103L	SIMULATION LAB	19	43	2
15A91A0382	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
15A91A0383	RT41031	AUTOMOBILE ENGINEERING	25	57	3
15A91A0383	RT41032	CAD / CAM	21	31	3
15A91A0383	RT41033	FINITE ELEMENT METHODS	28	31	3
15A91A0383	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	31	3
15A91A0383	RT41036	NANO TECHNOLOGY	22	43	3
15A91A0383	RT41039	AUTOMATION IN MANUFACTURING	20	39	3
15A91A0383	RT4103L	SIMULATION LAB	19	41	2
15A91A0383	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15A91A0384	RT41031	AUTOMOBILE ENGINEERING	30	41	3
15A91A0384	RT41032	CAD / CAM	20	55	3
15A91A0384	RT41033	FINITE ELEMENT METHODS	27	30	3
15A91A0384	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	34	3
15A91A0384	RT41036	NANO TECHNOLOGY	27	41	3
15A91A0384	RT41039	AUTOMATION IN MANUFACTURING	27	24	3
15A91A0384	RT4103L	SIMULATION LAB	18	38	2
15A91A0384	RT4103M	DESIGN FABRICATION PROJECT	44	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A91A0385	RT41031	AUTOMOBILE ENGINEERING	22	57	3
15A91A0385	RT41032	CAD / CAM	17	35	3
15A91A0385	RT41033	FINITE ELEMENT METHODS	29	38	3
15A91A0385	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	46	3
15A91A0385	RT41036	NANO TECHNOLOGY	17	34	3
15A91A0385	RT41039	AUTOMATION IN MANUFACTURING	11	40	3
15A91A0385	RT4103L	SIMULATION LAB	20	48	2
15A91A0385	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A0386	RT41031	AUTOMOBILE ENGINEERING	25	25	3
15A91A0386	RT41032	CAD / CAM	21	27	3
15A91A0386	RT41033	FINITE ELEMENT METHODS	26	40	3
15A91A0386	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	37	3
15A91A0386	RT41036	NANO TECHNOLOGY	22	44	3
15A91A0386	RT41039	AUTOMATION IN MANUFACTURING	26	25	3
15A91A0386	RT4103L	SIMULATION LAB	12	46	2
15A91A0386	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A0387	RT41031	AUTOMOBILE ENGINEERING	25	60	3
15A91A0387	RT41032	CAD / CAM	22	32	3
15A91A0387	RT41033	FINITE ELEMENT METHODS	28	28	3
15A91A0387	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	38	3
15A91A0387	RT41036	NANO TECHNOLOGY	24	50	3
15A91A0387	RT41039	AUTOMATION IN MANUFACTURING	27	33	3
15A91A0387	RT4103L	SIMULATION LAB	20	39	2
15A91A0387	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15A91A0388	RT41031	AUTOMOBILE ENGINEERING	28	37	3
15A91A0388	RT41032	CAD / CAM	18	54	3
15A91A0388	RT41033	FINITE ELEMENT METHODS	27	32	3
15A91A0388	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	44	3
15A91A0388	RT41036	NANO TECHNOLOGY	23	49	3
15A91A0388	RT41039	AUTOMATION IN MANUFACTURING	18	28	3
15A91A0388	RT4103L	SIMULATION LAB	20	40	2
15A91A0388	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15A91A0389	RT41031	AUTOMOBILE ENGINEERING	26	55	3
15A91A0389	RT41032	CAD / CAM	21	53	3
15A91A0389	RT41033	FINITE ELEMENT METHODS	27	56	3
15A91A0389	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	59	3
15A91A0389	RT41036	NANO TECHNOLOGY	26	43	3
15A91A0389	RT41039	AUTOMATION IN MANUFACTURING	23	44	3
15A91A0389	RT4103L	SIMULATION LAB	22	45	2
15A91A0389	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0390	RT41031	AUTOMOBILE ENGINEERING	25	42	3
15A91A0390	RT41032	CAD / CAM	22	50	3
15A91A0390	RT41033	FINITE ELEMENT METHODS	25	56	3
15A91A0390	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	43	3
15A91A0390	RT41036	NANO TECHNOLOGY	30	52	3
15A91A0390	RT41039	AUTOMATION IN MANUFACTURING	25	38	3
15A91A0390	RT4103L	SIMULATION LAB	24	42	2
15A91A0390	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A0392	RT41031	AUTOMOBILE ENGINEERING	27	60	3
15A91A0392	RT41032	CAD / CAM	18	45	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0392	RT41033	FINITE ELEMENT METHODS	26	33	3
15A91A0392	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	46	3
15A91A0392	RT41036	NANO TECHNOLOGY	19	40	3
15A91A0392	RT41039	AUTOMATION IN MANUFACTURING	20	49	3
15A91A0392	RT4103L	SIMULATION LAB	21	35	2
15A91A0392	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A0394	RT41031	AUTOMOBILE ENGINEERING	29	63	3
15A91A0394	RT41032	CAD / CAM	30	55	3
15A91A0394	RT41033	FINITE ELEMENT METHODS	29	61	3
15A91A0394	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	41	3
15A91A0394	RT41036	NANO TECHNOLOGY	30	60	3
15A91A0394	RT41039	AUTOMATION IN MANUFACTURING	29	27	3
15A91A0394	RT4103L	SIMULATION LAB	25	50	2
15A91A0394	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15A91A0395	RT41031	AUTOMOBILE ENGINEERING	27	55	3
15A91A0395	RT41032	CAD / CAM	20	53	3
15A91A0395	RT41033	FINITE ELEMENT METHODS	27	40	3
15A91A0395	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	57	3
15A91A0395	RT41036	NANO TECHNOLOGY	22	47	3
15A91A0395	RT41039	AUTOMATION IN MANUFACTURING	21	40	3
15A91A0395	RT4103L	SIMULATION LAB	20	43	2
15A91A0395	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A0396	RT41031	AUTOMOBILE ENGINEERING	29	42	3
15A91A0396	RT41032	CAD / CAM	21	38	3
15A91A0396	RT41033	FINITE ELEMENT METHODS	27	40	3
15A91A0396	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	44	3
15A91A0396	RT41036	NANO TECHNOLOGY	22	55	3
15A91A0396	RT41039	AUTOMATION IN MANUFACTURING	23	31	3
15A91A0396	RT4103L	SIMULATION LAB	23	42	2
15A91A0396	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A0397	RT41031	AUTOMOBILE ENGINEERING	19	39	3
15A91A0397	RT41032	CAD / CAM	16	32	3
15A91A0397	RT41033	FINITE ELEMENT METHODS	23	0	0
15A91A0397	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	13	0
15A91A0397	RT41036	NANO TECHNOLOGY	13	32	3
15A91A0397	RT41039	AUTOMATION IN MANUFACTURING	17	11	0
15A91A0397	RT4103L	SIMULATION LAB	20	35	2
15A91A0397	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A0398	RT41031	AUTOMOBILE ENGINEERING	21	38	3
15A91A0398	RT41032	CAD / CAM	15	34	3
15A91A0398	RT41033	FINITE ELEMENT METHODS	18	30	3
15A91A0398	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	29	3
15A91A0398	RT41036	NANO TECHNOLOGY	18	41	3
15A91A0398	RT41039	AUTOMATION IN MANUFACTURING	17	24	3
15A91A0398	RT4103L	SIMULATION LAB	20	37	2
15A91A0398	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A0399	RT41031	AUTOMOBILE ENGINEERING	25	48	3
15A91A0399	RT41032	CAD / CAM	20	37	3
15A91A0399	RT41033	FINITE ELEMENT METHODS	26	41	3
15A91A0399	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	46	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0399	RT41036	NANO TECHNOLOGY	30	10	0
15A91A0399	RT41039	AUTOMATION IN MANUFACTURING	22	42	3
15A91A0399	RT4103L	SIMULATION LAB	21	35	2
15A91A0399	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A03A0	RT41031	AUTOMOBILE ENGINEERING	30	42	3
15A91A03A0	RT41032	CAD / CAM	24	48	3
15A91A03A0	RT41033	FINITE ELEMENT METHODS	29	63	3
15A91A03A0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	57	3
15A91A03A0	RT41036	NANO TECHNOLOGY	29	51	3
15A91A03A0	RT41039	AUTOMATION IN MANUFACTURING	27	35	3
15A91A03A0	RT4103L	SIMULATION LAB	24	50	2
15A91A03A0	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
15A91A03A1	RT41031	AUTOMOBILE ENGINEERING	23	30	3
15A91A03A1	RT41032	CAD / CAM	17	37	3
15A91A03A1	RT41033	FINITE ELEMENT METHODS	20	24	3
15A91A03A1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	14	0
15A91A03A1	RT41036	NANO TECHNOLOGY	13	43	3
15A91A03A1	RT41039	AUTOMATION IN MANUFACTURING	18	27	3
15A91A03A1	RT4103L	SIMULATION LAB	20	42	2
15A91A03A1	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A91A03A2	RT41031	AUTOMOBILE ENGINEERING	27	24	3
15A91A03A2	RT41032	CAD / CAM	18	40	3
15A91A03A2	RT41033	FINITE ELEMENT METHODS	26	24	3
15A91A03A2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	42	3
15A91A03A2	RT41036	NANO TECHNOLOGY	28	47	3
15A91A03A2	RT41039	AUTOMATION IN MANUFACTURING	24	27	3
15A91A03A2	RT4103L	SIMULATION LAB	19	41	2
15A91A03A2	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A03A3	RT41031	AUTOMOBILE ENGINEERING	22	51	3
15A91A03A3	RT41032	CAD / CAM	22	34	3
15A91A03A3	RT41033	FINITE ELEMENT METHODS	21	43	3
15A91A03A3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	47	3
15A91A03A3	RT41035	MEMS	18	50	3
15A91A03A3	RT41039	AUTOMATION IN MANUFACTURING	24	40	3
15A91A03A3	RT4103L	SIMULATION LAB	20	46	2
15A91A03A3	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A03A4	RT41031	AUTOMOBILE ENGINEERING	29	37	3
15A91A03A4	RT41032	CAD / CAM	19	33	3
15A91A03A4	RT41033	FINITE ELEMENT METHODS	25	42	3
15A91A03A4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	39	3
15A91A03A4	RT41035	MEMS	18	43	3
15A91A03A4	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	21	46	3
15A91A03A4	RT4103L	SIMULATION LAB	15	48	2
15A91A03A4	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A03A5	RT41031	AUTOMOBILE ENGINEERING	23	49	3
15A91A03A5	RT41032	CAD / CAM	22	46	3
15A91A03A5	RT41033	FINITE ELEMENT METHODS	24	28	3
15A91A03A5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	31	3
15A91A03A5	RT41035	MEMS	21	11	0
15A91A03A5	RT41039	AUTOMATION IN MANUFACTURING	22	37	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A03A5	RT4103L	SIMULATION LAB	23	46	2
15A91A03A5	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A91A03A6	RT41031	AUTOMOBILE ENGINEERING	22	36	3
15A91A03A6	RT41032	CAD / CAM	19	33	3
15A91A03A6	RT41033	FINITE ELEMENT METHODS	23	24	3
15A91A03A6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	27	3
15A91A03A6	RT41035	MEMS	17	17	0
15A91A03A6	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	29	3
15A91A03A6	RT4103L	SIMULATION LAB	23	30	2
15A91A03A6	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A91A03A7	RT41031	AUTOMOBILE ENGINEERING	21	27	3
15A91A03A7	RT41032	CAD / CAM	19	32	3
15A91A03A7	RT41033	FINITE ELEMENT METHODS	15	25	3
15A91A03A7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	34	3
15A91A03A7	RT41035	MEMS	20	28	3
15A91A03A7	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	20	32	3
15A91A03A7	RT4103L	SIMULATION LAB	23	45	2
15A91A03A7	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A03A8	RT41031	AUTOMOBILE ENGINEERING	27	38	3
15A91A03A8	RT41032	CAD / CAM	26	48	3
15A91A03A8	RT41033	FINITE ELEMENT METHODS	24	40	3
15A91A03A8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	40	3
15A91A03A8	RT41035	MEMS	26	48	3
15A91A03A8	RT41039	AUTOMATION IN MANUFACTURING	26	39	3
15A91A03A8	RT4103L	SIMULATION LAB	21	45	2
15A91A03A8	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A03A9	RT41031	AUTOMOBILE ENGINEERING	27	58	3
15A91A03A9	RT41032	CAD / CAM	24	47	3
15A91A03A9	RT41033	FINITE ELEMENT METHODS	24	39	3
15A91A03A9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	37	3
15A91A03A9	RT41035	MEMS	19	4	0
15A91A03A9	RT41039	AUTOMATION IN MANUFACTURING	21	24	3
15A91A03A9	RT4103L	SIMULATION LAB	23	38	2
15A91A03A9	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A91A03B0	RT41031	AUTOMOBILE ENGINEERING	12	0	0
15A91A03B0	RT41032	CAD / CAM	8	28	0
15A91A03B0	RT41033	FINITE ELEMENT METHODS	5	0	0
15A91A03B0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	11	0
15A91A03B0	RT41035	MEMS	2	0	0
15A91A03B0	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	6	1	0
15A91A03B0	RT4103L	SIMULATION LAB	22	30	2
15A91A03B0	RT4103M	DESIGN FABRICATION PROJECT	21	0	1
15A91A03B1	RT41031	AUTOMOBILE ENGINEERING	27	29	3
15A91A03B1	RT41032	CAD / CAM	16	28	3
15A91A03B1	RT41033	FINITE ELEMENT METHODS	17	36	3
15A91A03B1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	35	3
15A91A03B1	RT41035	MEMS	17	42	3
15A91A03B1	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	30	3
15A91A03B1	RT4103L	SIMULATION LAB	23	30	2
15A91A03B1	RT4103M	DESIGN FABRICATION PROJECT	48	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A91A03B3	RT41031	AUTOMOBILE ENGINEERING	27	35	3
15A91A03B3	RT41032	CAD / CAM	27	63	3
15A91A03B3	RT41033	FINITE ELEMENT METHODS	28	42	3
15A91A03B3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	42	3
15A91A03B3	RT41035	MEMS	28	57	3
15A91A03B3	RT41039	AUTOMATION IN MANUFACTURING	29	44	3
15A91A03B3	RT4103L	SIMULATION LAB	24	50	2
15A91A03B3	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A03B4	RT41031	AUTOMOBILE ENGINEERING	22	31	3
15A91A03B4	RT41032	CAD / CAM	16	43	3
15A91A03B4	RT41033	FINITE ELEMENT METHODS	16	43	3
15A91A03B4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	41	3
15A91A03B4	RT41035	MEMS	18	28	3
15A91A03B4	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	19	42	3
15A91A03B4	RT4103L	SIMULATION LAB	21	35	2
15A91A03B4	RT4103M	DESIGN FABRICATION PROJECT	27	0	1
15A91A03B5	RT41031	AUTOMOBILE ENGINEERING	25	56	3
15A91A03B5	RT41032	CAD / CAM	25	42	3
15A91A03B5	RT41033	FINITE ELEMENT METHODS	27	24	3
15A91A03B5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	35	3
15A91A03B5	RT41035	MEMS	25	36	3
15A91A03B5	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	43	3
15A91A03B5	RT4103L	SIMULATION LAB	24	36	2
15A91A03B5	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A03B6	RT41031	AUTOMOBILE ENGINEERING	25	48	3
15A91A03B6	RT41032	CAD / CAM	25	41	3
15A91A03B6	RT41033	FINITE ELEMENT METHODS	23	31	3
15A91A03B6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	50	3
15A91A03B6	RT41035	MEMS	23	43	3
15A91A03B6	RT41039	AUTOMATION IN MANUFACTURING	24	38	3
15A91A03B6	RT4103L	SIMULATION LAB	23	48	2
15A91A03B6	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A03B8	RT41031	AUTOMOBILE ENGINEERING	28	41	3
15A91A03B8	RT41032	CAD / CAM	25	65	3
15A91A03B8	RT41033	FINITE ELEMENT METHODS	26	43	3
15A91A03B8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	36	3
15A91A03B8	RT41035	MEMS	22	64	3
15A91A03B8	RT41039	AUTOMATION IN MANUFACTURING	24	44	3
15A91A03B8	RT4103L	SIMULATION LAB	23	37	2
15A91A03B8	RT4103M	DESIGN FABRICATION PROJECT	29	0	1
15A91A03B9	RT41031	AUTOMOBILE ENGINEERING	26	37	3
15A91A03B9	RT41032	CAD / CAM	21	39	3
15A91A03B9	RT41033	FINITE ELEMENT METHODS	28	41	3
15A91A03B9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	46	3
15A91A03B9	RT41035	MEMS	22	38	3
15A91A03B9	RT41039	AUTOMATION IN MANUFACTURING	22	24	3
15A91A03B9	RT4103L	SIMULATION LAB	23	49	2
15A91A03B9	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A03C0	RT41031	AUTOMOBILE ENGINEERING	29	55	3
15A91A03C0	RT41032	CAD / CAM	24	62	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A03C0	RT41033	FINITE ELEMENT METHODS	26	44	3
15A91A03C0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	39	3
15A91A03C0	RT41035	MEMS	23	40	3
15A91A03C0	RT41039	AUTOMATION IN MANUFACTURING	26	50	3
15A91A03C0	RT4103L	SIMULATION LAB	22	49	2
15A91A03C0	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A03C2	RT41031	AUTOMOBILE ENGINEERING	21	51	3
15A91A03C2	RT41032	CAD / CAM	20	41	3
15A91A03C2	RT41033	FINITE ELEMENT METHODS	19	49	3
15A91A03C2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	43	3
15A91A03C2	RT41035	MEMS	18	40	3
15A91A03C2	RT41039	AUTOMATION IN MANUFACTURING	22	28	3
15A91A03C2	RT4103L	SIMULATION LAB	22	43	2
15A91A03C2	RT4103M	DESIGN FABRICATION PROJECT	29	0	1
15A91A03C3	RT41031	AUTOMOBILE ENGINEERING	16	24	3
15A91A03C3	RT41032	CAD / CAM	11	32	3
15A91A03C3	RT41033	FINITE ELEMENT METHODS	19	7	0
15A91A03C3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	24	3
15A91A03C3	RT41035	MEMS	14	17	0
15A91A03C3	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	13	32	3
15A91A03C3	RT4103L	SIMULATION LAB	15	35	2
15A91A03C3	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A91A03C4	RT41031	AUTOMOBILE ENGINEERING	26	51	3
15A91A03C4	RT41032	CAD / CAM	15	48	3
15A91A03C4	RT41033	FINITE ELEMENT METHODS	21	35	3
15A91A03C4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	38	3
15A91A03C4	RT41035	MEMS	25	43	3
15A91A03C4	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	20	44	3
15A91A03C4	RT4103L	SIMULATION LAB	20	46	2
15A91A03C4	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A91A03C5	RT41031	AUTOMOBILE ENGINEERING	21	45	3
15A91A03C5	RT41032	CAD / CAM	15	52	3
15A91A03C5	RT41033	FINITE ELEMENT METHODS	16	32	3
15A91A03C5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	43	3
15A91A03C5	RT41035	MEMS	18	37	3
15A91A03C5	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	5	53	3
15A91A03C5	RT4103L	SIMULATION LAB	23	43	2
15A91A03C5	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15A91A03C6	RT41031	AUTOMOBILE ENGINEERING	19	-1	0
15A91A03C6	RT41032	CAD / CAM	13	27	3
15A91A03C6	RT41033	FINITE ELEMENT METHODS	23	13	0
15A91A03C6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	43	3
15A91A03C6	RT41035	MEMS	16	29	3
15A91A03C6	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	16	26	3
15A91A03C6	RT4103L	SIMULATION LAB	20	45	2
15A91A03C6	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A91A03C7	RT41031	AUTOMOBILE ENGINEERING	27	38	3
15A91A03C7	RT41032	CAD / CAM	20	43	3
15A91A03C7	RT41033	FINITE ELEMENT METHODS	23	37	3
15A91A03C7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	39	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A03C7	RT41035	MEMS	27	51	3
15A91A03C7	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	43	3
15A91A03C7	RT4103L	SIMULATION LAB	22	47	2
15A91A03C7	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A03C8	RT41031	AUTOMOBILE ENGINEERING	24	52	3
15A91A03C8	RT41032	CAD / CAM	17	32	3
15A91A03C8	RT41033	FINITE ELEMENT METHODS	24	32	3
15A91A03C8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	42	3
15A91A03C8	RT41035	MEMS	21	29	3
15A91A03C8	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	31	3
15A91A03C8	RT4103L	SIMULATION LAB	18	35	2
15A91A03C8	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A91A03C9	RT41031	AUTOMOBILE ENGINEERING	27	51	3
15A91A03C9	RT41032	CAD / CAM	23	32	3
15A91A03C9	RT41033	FINITE ELEMENT METHODS	26	30	3
15A91A03C9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	37	3
15A91A03C9	RT41035	MEMS	22	28	3
15A91A03C9	RT41039	AUTOMATION IN MANUFACTURING	23	35	3
15A91A03C9	RT4103L	SIMULATION LAB	23	50	2
15A91A03C9	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A03D0	RT41031	AUTOMOBILE ENGINEERING	25	51	3
15A91A03D0	RT41032	CAD / CAM	20	25	3
15A91A03D0	RT41033	FINITE ELEMENT METHODS	26	42	3
15A91A03D0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	42	3
15A91A03D0	RT41035	MEMS	20	56	3
15A91A03D0	RT41039	AUTOMATION IN MANUFACTURING	21	28	3
15A91A03D0	RT4103L	SIMULATION LAB	22	38	2
15A91A03D0	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A91A03D1	RT41031	AUTOMOBILE ENGINEERING	25	32	3
15A91A03D1	RT41032	CAD / CAM	20	58	3
15A91A03D1	RT41033	FINITE ELEMENT METHODS	25	34	3
15A91A03D1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	31	3
15A91A03D1	RT41035	MEMS	20	51	3
15A91A03D1	RT41039	AUTOMATION IN MANUFACTURING	18	39	3
15A91A03D1	RT4103L	SIMULATION LAB	20	37	2
15A91A03D1	RT4103M	DESIGN FABRICATION PROJECT	28	0	1
15A91A03D2	RT41031	AUTOMOBILE ENGINEERING	20	31	3
15A91A03D2	RT41032	CAD / CAM	18	33	3
15A91A03D2	RT41033	FINITE ELEMENT METHODS	26	29	3
15A91A03D2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	31	3
15A91A03D2	RT41035	MEMS	20	26	3
15A91A03D2	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	27	3
15A91A03D2	RT4103L	SIMULATION LAB	20	44	2
15A91A03D2	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A91A03D3	RT41031	AUTOMOBILE ENGINEERING	21	36	3
15A91A03D3	RT41032	CAD / CAM	16	42	3
15A91A03D3	RT41033	FINITE ELEMENT METHODS	24	30	3
15A91A03D3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	28	3
15A91A03D3	RT41035	MEMS	24	0	0
15A91A03D3	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	27	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A03D3	RT4103L	SIMULATION LAB	12	45	2
15A91A03D3	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
15A91A03D4	RT41031	AUTOMOBILE ENGINEERING	22	33	3
15A91A03D4	RT41032	CAD / CAM	15	11	0
15A91A03D4	RT41033	FINITE ELEMENT METHODS	24	0	0
15A91A03D4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	37	3
15A91A03D4	RT41035	MEMS	19	0	0
15A91A03D4	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	29	3
15A91A03D4	RT4103L	SIMULATION LAB	20	38	2
15A91A03D4	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A91A03D5	RT41031	AUTOMOBILE ENGINEERING	29	46	3
15A91A03D5	RT41032	CAD / CAM	23	70	3
15A91A03D5	RT41033	FINITE ELEMENT METHODS	28	48	3
15A91A03D5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	52	3
15A91A03D5	RT41035	MEMS	26	53	3
15A91A03D5	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	52	3
15A91A03D5	RT4103L	SIMULATION LAB	24	38	2
15A91A03D5	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A03D6	RT41031	AUTOMOBILE ENGINEERING	18	20	0
15A91A03D6	RT41032	CAD / CAM	16	24	3
15A91A03D6	RT41033	FINITE ELEMENT METHODS	23	12	0
15A91A03D6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	33	3
15A91A03D6	RT41035	MEMS	18	24	3
15A91A03D6	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	22	15	0
15A91A03D6	RT4103L	SIMULATION LAB	22	44	2
15A91A03D6	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A91A03D7	RT41031	AUTOMOBILE ENGINEERING	23	36	3
15A91A03D7	RT41032	CAD / CAM	22	39	3
15A91A03D7	RT41033	FINITE ELEMENT METHODS	23	39	3
15A91A03D7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	39	3
15A91A03D7	RT41035	MEMS	19	24	3
15A91A03D7	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	32	3
15A91A03D7	RT4103L	SIMULATION LAB	20	30	2
15A91A03D7	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
15A91A03D8	RT41031	AUTOMOBILE ENGINEERING	18	35	3
15A91A03D8	RT41032	CAD / CAM	18	25	3
15A91A03D8	RT41033	FINITE ELEMENT METHODS	17	0	0
15A91A03D8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	34	3
15A91A03D8	RT41035	MEMS	18	29	3
15A91A03D8	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	16	15	0
15A91A03D8	RT4103L	SIMULATION LAB	16	44	2
15A91A03D8	RT4103M	DESIGN FABRICATION PROJECT	27	0	1
15A91A03D9	RT41031	AUTOMOBILE ENGINEERING	19	28	3
15A91A03D9	RT41032	CAD / CAM	16	38	3
15A91A03D9	RT41033	FINITE ELEMENT METHODS	22	0	0
15A91A03D9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	12	0
15A91A03D9	RT41035	MEMS	17	26	3
15A91A03D9	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	14	0
15A91A03D9	RT4103L	SIMULATION LAB	20	44	2
15A91A03D9	RT4103M	DESIGN FABRICATION PROJECT	23	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A91A03E0	RT41031	AUTOMOBILE ENGINEERING	18	-1	0
15A91A03E0	RT41032	CAD / CAM	19	-1	0
15A91A03E0	RT41033	FINITE ELEMENT METHODS	26	-1	0
15A91A03E0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	-1	0
15A91A03E0	RT41035	MEMS	25	40	3
15A91A03E0	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	16	0
15A91A03E0	RT4103L	SIMULATION LAB	16	35	2
15A91A03E0	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A91A03E1	RT41031	AUTOMOBILE ENGINEERING	25	34	3
15A91A03E1	RT41032	CAD / CAM	23	48	3
15A91A03E1	RT41033	FINITE ELEMENT METHODS	24	41	3
15A91A03E1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	43	3
15A91A03E1	RT41035	MEMS	20	32	3
15A91A03E1	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	43	3
15A91A03E1	RT4103L	SIMULATION LAB	22	35	2
15A91A03E1	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A03E2	RT41031	AUTOMOBILE ENGINEERING	27	48	3
15A91A03E2	RT41032	CAD / CAM	19	25	3
15A91A03E2	RT41033	FINITE ELEMENT METHODS	25	35	3
15A91A03E2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	46	3
15A91A03E2	RT41035	MEMS	21	47	3
15A91A03E2	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	36	3
15A91A03E2	RT4103L	SIMULATION LAB	21	35	2
15A91A03E2	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A91A03E3	RT41031	AUTOMOBILE ENGINEERING	24	33	3
15A91A03E3	RT41032	CAD / CAM	19	53	3
15A91A03E3	RT41033	FINITE ELEMENT METHODS	26	43	3
15A91A03E3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	39	3
15A91A03E3	RT41035	MEMS	24	57	3
15A91A03E3	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	48	3
15A91A03E3	RT4103L	SIMULATION LAB	22	38	2
15A91A03E3	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A91A03E4	RT41031	AUTOMOBILE ENGINEERING	20	16	0
15A91A03E4	RT41032	CAD / CAM	14	26	3
15A91A03E4	RT41033	FINITE ELEMENT METHODS	25	5	0
15A91A03E4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	36	3
15A91A03E4	RT41035	MEMS	19	26	3
15A91A03E4	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	21	28	3
15A91A03E4	RT4103L	SIMULATION LAB	24	30	2
15A91A03E4	RT4103M	DESIGN FABRICATION PROJECT	34	0	1
15A91A03E5	RT41031	AUTOMOBILE ENGINEERING	22	24	3
15A91A03E5	RT41032	CAD / CAM	15	29	3
15A91A03E5	RT41033	FINITE ELEMENT METHODS	26	15	0
15A91A03E5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	30	3
15A91A03E5	RT41035	MEMS	16	15	0
15A91A03E5	RT41039	AUTOMATION IN MANUFACTURING	19	29	3
15A91A03E5	RT4103L	SIMULATION LAB	22	32	2
15A91A03E5	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A03E6	RT41031	AUTOMOBILE ENGINEERING	25	53	3
15A91A03E6	RT41032	CAD / CAM	16	27	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A03E6	RT41033	FINITE ELEMENT METHODS	25	33	3
15A91A03E6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	44	3
15A91A03E6	RT41035	MEMS	18	53	3
15A91A03E6	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	38	3
15A91A03E6	RT4103L	SIMULATION LAB	19	35	2
15A91A03E6	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A03E8	RT41031	AUTOMOBILE ENGINEERING	20	24	3
15A91A03E8	RT41032	CAD / CAM	14	3	0
15A91A03E8	RT41033	FINITE ELEMENT METHODS	25	0	0
15A91A03E8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	15	0
15A91A03E8	RT41035	MEMS	17	12	0
15A91A03E8	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	31	3
15A91A03E8	RT4103L	SIMULATION LAB	22	42	2
15A91A03E8	RT4103M	DESIGN FABRICATION PROJECT	24	0	1
15A91A03E9	RT41031	AUTOMOBILE ENGINEERING	25	40	3
15A91A03E9	RT41032	CAD / CAM	16	0	0
15A91A03E9	RT41033	FINITE ELEMENT METHODS	25	33	3
15A91A03E9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	41	3
15A91A03E9	RT41035	MEMS	19	42	3
15A91A03E9	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	44	3
15A91A03E9	RT4103L	SIMULATION LAB	20	46	2
15A91A03E9	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A91A03F0	RT41031	AUTOMOBILE ENGINEERING	19	40	3
15A91A03F0	RT41032	CAD / CAM	14	48	3
15A91A03F0	RT41033	FINITE ELEMENT METHODS	19	26	3
15A91A03F0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	35	3
15A91A03F0	RT41035	MEMS	16	30	3
15A91A03F0	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	14	15	0
15A91A03F0	RT4103L	SIMULATION LAB	12	-1	0
15A91A03F0	RT4103M	DESIGN FABRICATION PROJECT	28	0	1
15A91A03F1	RT41031	AUTOMOBILE ENGINEERING	22	55	3
15A91A03F1	RT41032	CAD / CAM	24	27	3
15A91A03F1	RT41033	FINITE ELEMENT METHODS	26	57	3
15A91A03F1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	37	3
15A91A03F1	RT41035	MEMS	15	48	3
15A91A03F1	RT41039	AUTOMATION IN MANUFACTURING	16	48	3
15A91A03F1	RT4103L	SIMULATION LAB	21	47	2
15A91A03F1	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A03F2	RT41031	AUTOMOBILE ENGINEERING	24	40	3
15A91A03F2	RT41032	CAD / CAM	25	62	3
15A91A03F2	RT41033	FINITE ELEMENT METHODS	25	37	3
15A91A03F2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	40	3
15A91A03F2	RT41035	MEMS	27	56	3
15A91A03F2	RT41039	AUTOMATION IN MANUFACTURING	29	27	3
15A91A03F2	RT4103L	SIMULATION LAB	22	45	2
15A91A03F2	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15A91A03F4	RT41031	AUTOMOBILE ENGINEERING	29	65	3
15A91A03F4	RT41032	CAD / CAM	23	51	3
15A91A03F4	RT41033	FINITE ELEMENT METHODS	28	49	3
15A91A03F4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	54	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A03F4	RT41035	MEMS	22	45	3
15A91A03F4	RT41039	AUTOMATION IN MANUFACTURING	21	55	3
15A91A03F4	RT4103L	SIMULATION LAB	24	47	2
15A91A03F4	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15A91A03F5	RT41031	AUTOMOBILE ENGINEERING	29	40	3
15A91A03F5	RT41032	CAD / CAM	24	54	3
15A91A03F5	RT41033	FINITE ELEMENT METHODS	28	31	3
15A91A03F5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	39	3
15A91A03F5	RT41035	MEMS	30	36	3
15A91A03F5	RT41039	AUTOMATION IN MANUFACTURING	29	42	3
15A91A03F5	RT4103L	SIMULATION LAB	24	50	2
15A91A03F5	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
15A91A03F6	RT41031	AUTOMOBILE ENGINEERING	29	62	3
15A91A03F6	RT41032	CAD / CAM	25	43	3
15A91A03F6	RT41033	FINITE ELEMENT METHODS	27	50	3
15A91A03F6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	50	3
15A91A03F6	RT41035	MEMS	27	50	3
15A91A03F6	RT41039	AUTOMATION IN MANUFACTURING	28	41	3
15A91A03F6	RT4103L	SIMULATION LAB	23	50	2
15A91A03F6	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15A91A03F7	RT41031	AUTOMOBILE ENGINEERING	30	47	3
15A91A03F7	RT41032	CAD / CAM	23	9	0
15A91A03F7	RT41033	FINITE ELEMENT METHODS	29	51	3
15A91A03F7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	58	3
15A91A03F7	RT41035	MEMS	30	70	3
15A91A03F7	RT41039	AUTOMATION IN MANUFACTURING	28	34	3
15A91A03F7	RT4103L	SIMULATION LAB	22	47	2
15A91A03F7	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15A91A03F8	RT41031	AUTOMOBILE ENGINEERING	27	57	3
15A91A03F8	RT41032	CAD / CAM	25	49	3
15A91A03F8	RT41033	FINITE ELEMENT METHODS	28	35	3
15A91A03F8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	31	3
15A91A03F8	RT41035	MEMS	24	43	3
15A91A03F8	RT41039	AUTOMATION IN MANUFACTURING	29	57	3
15A91A03F8	RT4103L	SIMULATION LAB	24	47	2
15A91A03F8	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15A91A0401	RT41041	VLSI DESIGN	23	46	3
15A91A0401	RT41042	COMPUTER NETWORKS	20	32	3
15A91A0401	RT41043	DIGITAL IMAGE PROCESSING	22	32	3
15A91A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	34	3
15A91A0401	RT41048	RADAR SYSTEMS	23	42	3
15A91A0401	RT4104A	OPTICAL COMMUNICATION	25	27	3
15A91A0401	RT4104L	V L S I LAB	23	47	2
15A91A0401	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
15A91A0402	RT41041	VLSI DESIGN	16	34	3
15A91A0402	RT41042	COMPUTER NETWORKS	20	32	3
15A91A0402	RT41043	DIGITAL IMAGE PROCESSING	13	27	3
15A91A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	13	0
15A91A0402	RT41048	RADAR SYSTEMS	21	25	3
15A91A0402	RT4104A	OPTICAL COMMUNICATION	19	18	0

Htno	Subcode	Subname	Internal	External	Credits
15A91A0402	RT4104L	V L S I LAB	23	37	2
15A91A0402	RT4104M	MICROWAVE ENGINEERING LAB	18	32	2
15A91A0403	RT41041	VLSI DESIGN	25	52	3
15A91A0403	RT41042	COMPUTER NETWORKS	24	58	3
15A91A0403	RT41043	DIGITAL IMAGE PROCESSING	26	70	3
15A91A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	70	3
15A91A0403	RT41048	RADAR SYSTEMS	29	65	3
15A91A0403	RT4104A	OPTICAL COMMUNICATION	28	39	3
15A91A0403	RT4104L	V L S I LAB	25	49	2
15A91A0403	RT4104M	MICROWAVE ENGINEERING LAB	23	49	2
15A91A0404	RT41041	VLSI DESIGN	17	31	3
15A91A0404	RT41042	COMPUTER NETWORKS	16	26	3
15A91A0404	RT41043	DIGITAL IMAGE PROCESSING	15	25	3
15A91A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	43	3
15A91A0404	RT41048	RADAR SYSTEMS	8	32	3
15A91A0404	RT4104A	OPTICAL COMMUNICATION	8	32	3
15A91A0404	RT4104L	V L S I LAB	10	24	2
15A91A0404	RT4104M	MICROWAVE ENGINEERING LAB	10	22	2
15A91A0405	RT41041	VLSI DESIGN	26	53	3
15A91A0405	RT41042	COMPUTER NETWORKS	26	52	3
15A91A0405	RT41043	DIGITAL IMAGE PROCESSING	28	47	3
15A91A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	48	3
15A91A0405	RT41048	RADAR SYSTEMS	30	53	3
15A91A0405	RT4104A	OPTICAL COMMUNICATION	27	42	3
15A91A0405	RT4104L	V L S I LAB	25	50	2
15A91A0405	RT4104M	MICROWAVE ENGINEERING LAB	25	45	2
15A91A0406	RT41041	VLSI DESIGN	23	54	3
15A91A0406	RT41042	COMPUTER NETWORKS	24	53	3
15A91A0406	RT41043	DIGITAL IMAGE PROCESSING	30	39	3
15A91A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	55	3
15A91A0406	RT41048	RADAR SYSTEMS	27	53	3
15A91A0406	RT4104A	OPTICAL COMMUNICATION	26	56	3
15A91A0406	RT4104L	V L S I LAB	24	49	2
15A91A0406	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A91A0407	RT41041	VLSI DESIGN	12	18	0
15A91A0407	RT41042	COMPUTER NETWORKS	14	26	3
15A91A0407	RT41043	DIGITAL IMAGE PROCESSING	19	15	0
15A91A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	13	27	3
15A91A0407	RT41048	RADAR SYSTEMS	19	28	3
15A91A0407	RT4104A	OPTICAL COMMUNICATION	21	9	0
15A91A0407	RT4104L	V L S I LAB	19	27	2
15A91A0407	RT4104M	MICROWAVE ENGINEERING LAB	23	28	2
15A91A0408	RT41041	VLSI DESIGN	23	49	3
15A91A0408	RT41042	COMPUTER NETWORKS	24	38	3
15A91A0408	RT41043	DIGITAL IMAGE PROCESSING	22	32	3
15A91A0408	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	45	3
15A91A0408	RT41048	RADAR SYSTEMS	25	44	3
15A91A0408	RT4104A	OPTICAL COMMUNICATION	26	41	3
15A91A0408	RT4104L	V L S I LAB	24	49	2
15A91A0408	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2

	1			External	Credits
15A01A0400 D	RT41041	VLSI DESIGN	23	39	3
13A91A0409 K	RT41042	COMPUTER NETWORKS	23	32	3
15A91A0409 R	RT41043	DIGITAL IMAGE PROCESSING	26	35	3
15A91A0409 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	37	3
15A91A0409 R	RT41048	RADAR SYSTEMS	27	43	3
15A91A0409 R	RT4104A	OPTICAL COMMUNICATION	25	26	3
15A91A0409 R	RT4104L	V L S I LAB	24	46	2
15A91A0409 R	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A91A0410 R	RT41041	VLSI DESIGN	20	43	3
15A91A0410 R	RT41042	COMPUTER NETWORKS	22	43	3
15A91A0410 R	RT41043	DIGITAL IMAGE PROCESSING	19	27	3
15A91A0410 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	39	3
15A91A0410 R	RT41048	RADAR SYSTEMS	18	27	3
15A91A0410 R	RT4104A	OPTICAL COMMUNICATION	26	40	3
15A91A0410 R	RT4104L	V L S I LAB	24	47	2
15A91A0410 R	RT4104M	MICROWAVE ENGINEERING LAB	18	34	2
15A91A0411 R	RT41041	VLSI DESIGN	26	45	3
15A91A0411 R	RT41042	COMPUTER NETWORKS	24	46	3
15A91A0411 R	RT41043	DIGITAL IMAGE PROCESSING	29	69	3
15A91A0411 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	70	3
15A91A0411 R	RT41048	RADAR SYSTEMS	27	53	3
15A91A0411 R	RT4104A	OPTICAL COMMUNICATION	29	37	3
15A91A0411 R	RT4104L	V L S I LAB	25	50	2
15A91A0411 R	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0412 R	RT41041	VLSI DESIGN	24	55	3
15A91A0412 R	RT41042	COMPUTER NETWORKS	25	48	3
15A91A0412 R	RT41043	DIGITAL IMAGE PROCESSING	29	37	3
15A91A0412 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	64	3
15A91A0412 R	RT41048	RADAR SYSTEMS	27	50	3
15A91A0412 R	RT4104A	OPTICAL COMMUNICATION	30	42	3
15A91A0412 R	RT4104L	V L S I LAB	24	49	2
15A91A0412 R	RT4104M	MICROWAVE ENGINEERING LAB	25	48	2
15A91A0413 R	RT41041	VLSI DESIGN	17	38	3
15A91A0413 R	RT41042	COMPUTER NETWORKS	20	26	3
15A91A0413 R	RT41043	DIGITAL IMAGE PROCESSING	18	24	3
15A91A0413 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	25	3
15A91A0413 R	RT41048	RADAR SYSTEMS	16	24	3
15A91A0413 R	RT4104A	OPTICAL COMMUNICATION	21	26	3
15A91A0413 R	RT4104L	V L S I LAB	22	42	2
15A91A0413 R	RT4104M	MICROWAVE ENGINEERING LAB	10	26	2
15A91A0414 R	RT41041	VLSI DESIGN	25	48	3
15A91A0414 R	RT41042	COMPUTER NETWORKS	25	59	3
15A91A0414 R	RT41043	DIGITAL IMAGE PROCESSING	28	35	3
15A91A0414 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	50	3
15A91A0414 R	RT41048	RADAR SYSTEMS	28	38	3
15A91A0414 R	RT4104A	OPTICAL COMMUNICATION	29	45	3
15A91A0414 R	RT4104L	V L S I LAB	24	48	2
15A91A0414 R	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A91A0415 R	RT41041	VLSI DESIGN	26	43	3
15A91A0415 R	RT41042	COMPUTER NETWORKS	25	39	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0415	RT41043	DIGITAL IMAGE PROCESSING	25	46	3
15A91A0415	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	57	3
15A91A0415	RT41048	RADAR SYSTEMS	29	38	3
15A91A0415	RT4104A	OPTICAL COMMUNICATION	26	34	3
15A91A0415	RT4104L	V L S I LAB	25	49	2
15A91A0415	RT4104M	MICROWAVE ENGINEERING LAB	25	46	2
15A91A0416	RT41041	VLSI DESIGN	25	33	3
15A91A0416	RT41042	COMPUTER NETWORKS	24	30	3
15A91A0416	RT41043	DIGITAL IMAGE PROCESSING	28	30	3
15A91A0416	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	49	3
15A91A0416	RT41048	RADAR SYSTEMS	28	40	3
15A91A0416	RT4104A	OPTICAL COMMUNICATION	29	40	3
15A91A0416	RT4104L	V L S I LAB	24	49	2
15A91A0416	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15A91A0417	RT41041	VLSI DESIGN	17	26	3
15A91A0417	RT41042	COMPUTER NETWORKS	16	27	3
15A91A0417	RT41043	DIGITAL IMAGE PROCESSING	15	25	3
15A91A0417	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	42	3
15A91A0417	RT41048	RADAR SYSTEMS	13	31	3
15A91A0417	RT4104A	OPTICAL COMMUNICATION	17	11	0
15A91A0417	RT4104L	V L S I LAB	17	24	2
15A91A0417	RT4104M	MICROWAVE ENGINEERING LAB	10	28	2
15A91A0418	RT41041	VLSI DESIGN	22	44	3
15A91A0418	RT41042	COMPUTER NETWORKS	22	52	3
15A91A0418	RT41043	DIGITAL IMAGE PROCESSING	27	35	3
15A91A0418	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	52	3
15A91A0418	RT41048	RADAR SYSTEMS	28	34	3
15A91A0418	RT4104A	OPTICAL COMMUNICATION	28	46	3
15A91A0418	RT4104L	V L S I LAB	23	47	2
15A91A0418	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A91A0419	RT41041	VLSI DESIGN	24	45	3
15A91A0419	RT41042	COMPUTER NETWORKS	20	29	3
15A91A0419	RT41043	DIGITAL IMAGE PROCESSING	25	32	3
15A91A0419	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	44	3
15A91A0419	RT41048	RADAR SYSTEMS	16	29	3
15A91A0419	RT4104A	OPTICAL COMMUNICATION	21	24	3
15A91A0419	RT4104L	V L S I LAB	24	49	2
15A91A0419	RT4104M	MICROWAVE ENGINEERING LAB	22	37	2
15A91A0420	RT41041	VLSI DESIGN	19	24	3
15A91A0420	RT41042	COMPUTER NETWORKS	22	24	3
15A91A0420	RT41043	DIGITAL IMAGE PROCESSING	15	19	0
15A91A0420	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	37	3
15A91A0420	RT41048	RADAR SYSTEMS	17	25	3
15A91A0420	RT4104A	OPTICAL COMMUNICATION	20	31	3
15A91A0420	RT4104L	V L S I LAB	13	24	2
15A91A0420	RT4104M	MICROWAVE ENGINEERING LAB	10	26	2
15A91A0421	RT41041	VLSI DESIGN	24	44	3
15A91A0421	RT41042	COMPUTER NETWORKS	24	41	3
15A91A0421	RT41043	DIGITAL IMAGE PROCESSING	30	40	3
15A91A0421	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	41	3

15A91A0421 RT41048 RADAR SYSTEMS 29 47 3 15A91A0421 RT4104A OPTICAL COMMUNICATION 30 37 3 15A91A0421 RT4104L VIS LAB 24 48 2 15A91A0422 RT41041 MICROWAVE ENGINEERING LAB 24 46 2 15A91A0422 RT41042 COMPUTER NETWORKS 20 38 3 15A91A0422 RT41043 DIGITAL IMAGE PROCESSING 23 28 3 15A91A0422 RT41048 RADAR SYSTEMS 25 49 3 15A91A0422 RT4104B OPTICAL COMMUNICATION 21 50 3 15A91A0422 RT4104L OPTICAL COMMUNICATION 21 50 3 15A91A0423 RT41041 MICROWAVE ENGINEERING LB 20 42 2 15A91A0423 RT41043 DIGITAL IMAGE PROCESSING 20 43 3 15A91A0423 RT41044 RIAGE PROCESSING 25 55 3 15A91A042	Htno	Subcode	Subname	Internal	External	Credits
15A91A0421 RT4104L	15A91A0421	RT41048	RADAR SYSTEMS	29	47	3
15A91A0422 RT4104M MICROWAVE ENGINEERING LAB	15A91A0421	RT4104A	OPTICAL COMMUNICATION	30	37	3
15A91A0422 RT41041 VLSI DESIGN 23 35 3 15A91A0422 RT41042 COMPUTER NETWORKS 20 38 3 15A91A0422 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 33 3 15A91A0422 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 33 3 15A91A0422 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 50 3 15A91A0422 RT41044 VL SI LAB 22 35 2 15A91A0423 RT41044 VL SI LAB 20 42 2 15A91A0423 RT41041 VL SI DESIGN 20 43 3 15A91A0423 RT41042 COMPUTER NETWORKS 22 37 3 15A91A0423 RT41044 OMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0423 RT41044 OVITICAL COMMUNICATION 24 17 0 15A91A0423 RT41044 VL SI LAB 23 45 2	15A91A0421	RT4104L	V L S I LAB	24	48	2
15A91A0422 RT41042 COMPUTER NETWORKS 20 38 3 15A91A0422 RT41043 DIGITAL IMAGE PROCESSING 23 28 33 3 15A91A0422 RT41048 RADAR SYSTEMS 25 49 3 15A91A0422 RT4104A POTICAL COMMUNICATION 21 60 3 15A91A0422 RT4104M VL S I LAB 22 35 2 15A91A0423 RT4104M MICROWAVE ENGINEERING LAB 20 42 2 15A91A0423 RT41041 VL S I LAB 22 37 3 15A91A0423 RT41043 COMPUTER NETWORKS 22 37 3 15A91A0423 RT41044 COMPUTER NETWORKS 23 44 17 0	15A91A0421	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15A91A0422 RT41043 DIGITAL IMAGE PROCESSING 23 28 3 15A91A0422 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 33 3 15A91A0422 RT4104A ARDAR SYSTEMS 25 49 3 15A91A0422 RT4104L VL S LLAB 22 35 2 15A91A0423 RT4104U VLS I LAB 20 43 3 15A91A0423 RT4104U VLS I LAB 20 43 3 15A91A0423 RT4104U VLS I LAB 22 37 3 15A91A0423 RT4104U VLS I LAB 22 37 3 15A91A0423 RT4104U COMPUTER NETWORKS 22 37 3 15A91A0423 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0424 RT41041 VLS I LAB 23 45 2 15A91A0424 RT41044 MICROWAVE ENGINEERING LAB 17 26 2 15A91A0424 <t< td=""><td>15A91A0422</td><td>RT41041</td><td>VLSI DESIGN</td><td>23</td><td>35</td><td>3</td></t<>	15A91A0422	RT41041	VLSI DESIGN	23	35	3
15A91A0422 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 33 3 15A91A0422 RT41048 RADAR SYSTEMS 25 49 3 15A91A0422 RT410404 OPTICAL COMMUNICATION 21 50 3 15A91A0422 RT4104U V L S I LAB 22 35 2 15A91A0423 RT4104U VL SI DESIGN 20 42 2 15A91A0423 RT41043 COMPUTER NETWORKS 22 37 3 15A91A0423 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0424 RT41041 VLS I LAB 23 45 2 15A91A0	15A91A0422	RT41042	COMPUTER NETWORKS	20	38	3
15A91A0422 RT41048 RADAR SYSTEMS 25 49 3 15A91A0422 RT4104A OPTICAL COMMUNICATION 21 50 3 15A91A0422 RT4104M MICROWAVE ENGINEERING LAB 20 42 2 15A91A0423 RT41041 VLSI DESIGN 20 43 3 15A91A0423 RT41042 COMPUTER NETWORKS 22 37 3 15A91A0423 RT41043 DIGITAL IMAGE PROCESSING 26 38 3 15A91A0423 RT41044 COMPUTER RACHITECTURE AND ORGANIZATION 25 55 3 15A91A0423 RT41044 OPTICAL COMMUNICATION 24 17 0 15A91A0423 RT410404 OPTICAL COMMUNICATION 24 17 0 15A91A0424 RT410404 VL S I LAB 23 45 2 15A91A0424 RT410404 VLS I LAB 23 34 3 15A91A0424 RT410404 VLS I LAB 23 34 3 15A91A0424 </td <td>15A91A0422</td> <td>RT41043</td> <td>DIGITAL IMAGE PROCESSING</td> <td>23</td> <td>28</td> <td>3</td>	15A91A0422	RT41043	DIGITAL IMAGE PROCESSING	23	28	3
15A91A0422 RT4104L OPTICAL COMMUNICATION 21 50 3 15A91A0422 RT4104L V L S I LAB 22 35 2 15A91A0423 RT41041 VL SI DESIGN 20 42 2 15A91A0423 RT41041 VLSI DESIGN 20 43 3 15A91A0423 RT41042 COMPUTER NETWORKS 22 37 3 15A91A0423 RT41043 DIGITAL IMAGE PROCESSING 26 38 3 15A91A0423 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0423 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0423 RT4104A OPTICAL COMMUNICATION 24 17 0 15A91A0423 RT4104M VL S I LAB 23 45 2 15A91A0424 RT41041 VL S I LAB 23 46 3 15A91A0424 RT41041 VLS I LAB 23 44 2 15A91A0424 <td>15A91A0422</td> <td>RT41044</td> <td>COMPUTER ARCHITECTURE AND ORGANIZATION</td> <td>25</td> <td>33</td> <td>3</td>	15A91A0422	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	33	3
15A91A0422 RT4104L V L S I LAB 22 35 2 15A91A04223 RT4104M MICROWAYE ENGINEERING LAB 20 42 2 15A91A0423 RT41041 V LSI DESIGN 20 43 3 15A91A0423 RT41043 COMPUTER NETWORKS 22 37 3 15A91A0423 RT41044 COMPUTER ACCOUNTIFICATION 26 38 3 15A91A0423 RT41044 COMPUTER ACCOUNTIFICATION 26 38 3 15A91A0423 RT41044 COMPUTER ACCOUNTIFICATION 24 17 0 15A91A0423 RT4104A OPTICAL COMMUNICATION 24 17 0 15A91A0423 RT4104M MICROWAVE ENGINEERING LAB 17 28 2 15A91A0423 RT4104M WICROWAVE ENGINEERING LAB 17 28 2 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 25 46 3 15A91A0424 RT41044 COMPUTER NETWORKS 23 34 3	15A91A0422	RT41048	RADAR SYSTEMS	25	49	3
15A91A0422 RT4104M MICROWAVE ENGINEERING LAB 20 42 2 15A91A0423 RT41041 VLSI DESIGN 20 43 3 15A91A0423 RT41043 DIGITAL IMAGE PROCESSING 26 38 3 15A91A0423 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0423 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0423 RT41048 RADAR SYSTEMS 19 50 3 15A91A0423 RT41044 OPTICAL COMMUNICATION 24 17 0 15A91A0423 RT41044 VL S I LAB 23 45 2 15A91A0423 RT41044 VI SI DESIGN 25 46 3 15A91A0424 RT41044 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41044 COMPUTER NETWORKS 24 42 3 <t< td=""><td>15A91A0422</td><td>RT4104A</td><td>OPTICAL COMMUNICATION</td><td>21</td><td>50</td><td>3</td></t<>	15A91A0422	RT4104A	OPTICAL COMMUNICATION	21	50	3
15A91A0423 RT41041 VLSI DESIGN 20 43 3 15A91A0423 RT41042 COMPUTER NETWORKS 22 37 3 15A91A0423 RT41043 DIGITAL IMAGE PROCESSING 26 38 3 15A91A0423 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0423 RT41048 RADAR SYSTEMS 19 50 3 15A91A0423 RT41048 PRIATORAL OPTICAL COMMUNICATION 24 17 0 15A91A0423 RT4104M MICROWAVE ENGINEERING LAB 17 28 2 15A91A0424 RT4104M MICROWAVE ENGINEERING LAB 17 28 2 15A91A0424 RT41042 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41044 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT41044 VL S I LAB 22 40	15A91A0422	RT4104L	V L S I LAB	22	35	2
15A91A0423 RT41042 COMPUTER NETWORKS 22 37 3 15A91A0423 RT41044 DIGITAL IMAGE PROCESSING 26 38 3 15A91A0423 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0423 RT4104B RADAR SYSTEMS 19 50 3 15A91A0423 RT4104A OPTICAL COMMUNICATION 24 17 0 15A91A0423 RT4104M VL S LAB 23 45 2 15A91A0423 RT4104M MICROWAVE ENGINEERING LAB 17 28 2 15A91A0424 RT41041 VLSI DESIGN 25 46 3 15A91A0424 RT41042 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41044 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41044 PRADAR SYSTEMS 24 42 3 15A91A0424 RT41044 OPTICAL COMMUNICATION 28 38 3 15A91A042	15A91A0422	RT4104M	MICROWAVE ENGINEERING LAB	20	42	2
15A91A0423 RT41043 DIGITAL IMAGE PROCESSING 26 38 3 15A91A0423 RT41048 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0423 RT41048 RADAR SYSTEMS 19 50 3 15A91A0423 RT4104L VL S I LAB 23 45 2 15A91A0423 RT4104M MICROWAVE ENGINEERING LAB 17 28 2 15A91A0424 RT41041 VLSI DESIGN 25 46 3 15A91A0424 RT41042 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41048 RADAR SYSTEMS 24 42 3 15A91A0424 RT41048 POPTICAL COMMUNICATION 28 38 3 15A91A0425 RT41041 VLSI LAB 22 40 2 15A91A	15A91A0423	RT41041	VLSI DESIGN	20	43	3
15A91A0423 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A0423 RT41048 RADAR SYSTEMS 19 50 3 15A91A0423 RT4104A OPTICAL COMMUNICATION 24 17 0 15A91A0423 RT4104L V L S I LAB 23 45 2 15A91A0424 RT41041 V L S I DESIGN 25 46 3 15A91A0424 RT41042 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT41044 RADAR SYSTEMS 24 42 3 15A91A0424 RT41044 OPTICAL COMMUNICATION 28 38 3 15A91A0424 RT41044 MICROWAVE ENGINEERING LAB 24 42 3 <td>15A91A0423</td> <td>RT41042</td> <td>COMPUTER NETWORKS</td> <td>22</td> <td>37</td> <td>3</td>	15A91A0423	RT41042	COMPUTER NETWORKS	22	37	3
15A91A0423 RT41048 RADAR SYSTEMS 19 50 3 15A91A0423 RT4104A OPTICAL COMMUNICATION 24 17 0 15A91A0423 RT4104L V L S I LAB 23 45 2 15A91A0423 RT4104M MICROWAVE ENGINEERING LAB 17 28 2 15A91A0424 RT41041 V.SI DESIGN 25 46 3 15A91A0424 RT41042 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41044 COMPUTER RCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT4104A COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT4104A OPTICAL COMMUNICATION 28 38 3 15A91A0424 RT4104H V.L S I LAB 22 40 2 15A91A0425 RT4104L V.L S I LAB 24 45 2 15A91A0425 RT41041 V.L SI LAB 24 45 2	15A91A0423	RT41043	DIGITAL IMAGE PROCESSING	26	38	3
15A91A0423 RT4104A OPTICAL COMMUNICATION 24 17 0 15A91A0423 RT4104L V L S I LAB 23 45 2 15A91A0423 RT4104M MICROWAVE ENGINEERING LAB 17 28 2 15A91A0424 RT41041 VLSI DESIGN 25 46 3 15A91A0424 RT41042 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT41040 COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT41040 OPTICAL COMMUNICATION 28 38 3 15A91A0424 RT4104L VL S I LAB 22 40 2 15A91A0425 RT41041 VLSI DESIGN 24 45 2 15A91A0425 RT41041 VLSI LAB 24 46 3	15A91A0423	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	55	3
15A91A0423 RT4104L V L S I LAB 23 45 2 15A91A0424 RT4104M MICROWAVE ENGINEERING LAB 17 28 2 15A91A0424 RT41041 VLSI DESIGN 25 46 3 15A91A0424 RT41042 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT4104A OPTICAL COMMUNICATION 28 38 3 15A91A0424 RT4104M MICROWAVE ENGINEERING LAB 22 45 2 15A91A0425 RT41041 VLS I DESIGN 24 42 3 15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER NETWORKS 25 35 3	15A91A0423	RT41048	RADAR SYSTEMS	19	50	3
15A91A0423 RT4104M MICROWAVE ENGINEERING LAB 17 28 2 15A91A0424 RT41041 VLSI DESIGN 25 46 3 15A91A0424 RT41042 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 54 3 15A91A0424 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT41048 RADAR SYSTEMS 24 42 3 15A91A0424 RT4104A OPTICAL COMMUNICATION 28 38 3 15A91A0424 RT4104M MICROWAVE ENGINEERING LAB 22 40 2 15A91A0425 RT41041 VLS I LAB 22 40 2 15A91A0425 RT41041 VLSI DESIGN 24 42 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41048 RADAR SYSTEMS 16 3 3 15A91	15A91A0423	RT4104A	OPTICAL COMMUNICATION	24	17	0
15A91A0424 RT41041 VLSI DESIGN 25 46 3 15A91A0424 RT41042 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41048 COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT41048 RADAR SYSTEMS 24 42 3 15A91A0424 RT4104A OPTICAL COMMUNICATION 28 38 3 15A91A0424 RT4104L V L S I LAB 22 40 2 15A91A0424 RT4104M MICROWAVE ENGINEERING LAB 24 45 2 15A91A0425 RT41041 V LSI DESIGN 24 42 3 15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41044 COMPUTER NETWORKS 16 36 3<	15A91A0423	RT4104L	V L S I LAB	23	45	2
15A91A0424 RT41042 COMPUTER NETWORKS 23 34 3 15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT41048 RADAR SYSTEMS 24 42 3 15A91A0424 RT41041 VL S I LAB 22 40 2 15A91A0424 RT4104M MICROWAVE ENGINEERING LAB 24 45 2 15A91A0425 RT41041 VLSI DESIGN 24 42 3 15A91A0425 RT41041 VLSI DESIGN 24 42 3 15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41048 RADAR SYSTEMS 16 36 3 15A91A0425 RT41048 PRITHORA RACHITECTURE AND ORGANIZATION 24 40 2 15A91A0425 RT41044 OPTICAL COMMUNICATION 29 32 3	15A91A0423	RT4104M	MICROWAVE ENGINEERING LAB	17	28	2
15A91A0424 RT41043 DIGITAL IMAGE PROCESSING 27 15 0 15A91A0424 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT41048 RADAR SYSTEMS 24 42 3 15A91A0424 RT4104A OPTICAL COMMUNICATION 28 38 3 15A91A0424 RT4104M MICROWAVE ENGINEERING LAB 24 42 3 15A91A0425 RT41041 VLS I DESIGN 24 42 3 15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41044 OPTICAL COMMUNICATION 29 32 3 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0426 RT41041 VLSI DESIGN 16 31	15A91A0424	RT41041	VLSI DESIGN	25	46	3
15A91A0424 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 54 3 15A91A0424 RT41048 RADAR SYSTEMS 24 42 3 15A91A0424 RT4104A OPTICAL COMMUNICATION 28 38 3 15A91A0424 RT4104L V L S I LAB 22 40 2 15A91A0425 RT4104M MICROWAVE ENGINEERING LAB 24 45 2 15A91A0425 RT41041 V LSI DESIGN 24 42 3 15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41048 RADAR SYSTEMS 16 36 3 15A91A0425 RT41044 OPTICAL COMMUNICATION 29 32 3 15A91A0426 RT41041 V L S I LAB 24 48 2 15A91A0426 RT41041 V LS I DESIGN 15 27 3 </td <td>15A91A0424</td> <td>RT41042</td> <td>COMPUTER NETWORKS</td> <td>23</td> <td>34</td> <td>3</td>	15A91A0424	RT41042	COMPUTER NETWORKS	23	34	3
15A91A0424 RT41048 RADAR SYSTEMS 24 42 3 15A91A0424 RT4104A OPTICAL COMMUNICATION 28 38 3 15A91A0424 RT4104L V L S I LAB 22 40 2 15A91A0425 RT4104M MICROWAVE ENGINEERING LAB 24 45 2 15A91A0425 RT41041 VLSI DESIGN 24 42 3 15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41044 OPTICAL COMMUNICATION 29 32 3 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0426 RT4104L V LS I LAB 24 48 2 15A91A0426 RT4104L V LSI DESIGN 16 31 3	15A91A0424	RT41043	DIGITAL IMAGE PROCESSING	27	15	0
15A91A0424 RT4104A OPTICAL COMMUNICATION 28 38 3 15A91A0424 RT4104L V L S I LAB 22 40 2 15A91A0424 RT4104M MICROWAVE ENGINEERING LAB 24 45 2 15A91A0425 RT41041 VLSI DESIGN 24 42 3 15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41048 RADAR SYSTEMS 16 36 3 15A91A0425 RT41044 OPTICAL COMMUNICATION 29 32 3 15A91A0426 RT4104L V S I LAB 24 48 2 15A91A0425 RT4104L WISI DESIGN 16 31 3 15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 <td< td=""><td>15A91A0424</td><td>RT41044</td><td>COMPUTER ARCHITECTURE AND ORGANIZATION</td><td>27</td><td>54</td><td>3</td></td<>	15A91A0424	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	54	3
15A91A0424 RT4104L V L S I LAB 22 40 2 15A91A0424 RT4104M MICROWAVE ENGINEERING LAB 24 45 2 15A91A0425 RT41041 VLSI DESIGN 24 42 3 15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41048 RADAR SYSTEMS 16 36 3 15A91A0425 RT4104A OPTICAL COMMUNICATION 29 32 3 15A91A0426 RT4104L V L S I LAB 24 48 2 15A91A0425 RT4104M MICROWAVE ENGINEERING LAB 22 40 2 15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41042 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0	15A91A0424	RT41048	RADAR SYSTEMS	24	42	3
15A91A0424 RT4104L V L S I LAB 22 40 2 15A91A0424 RT4104M MICROWAVE ENGINEERING LAB 24 45 2 15A91A0425 RT41041 VLSI DESIGN 24 42 3 15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41048 RADAR SYSTEMS 16 36 3 15A91A0425 RT4104A OPTICAL COMMUNICATION 29 32 3 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0426 RT4104L VLSI DESIGN 16 31 3 15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0427 RT41048 RADAR SYSTEMS 14 18<	15A91A0424	RT4104A	OPTICAL COMMUNICATION	28	38	3
15A91A0425 RT41041 VLSI DESIGN 24 42 3 15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41048 RADAR SYSTEMS 16 36 3 15A91A0425 RT4104A OPTICAL COMMUNICATION 29 32 3 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0426 RT4104L VLSI DESIGN 16 31 3 15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A042	15A91A0424	RT4104L	V L S I LAB		40	
15A91A0425 RT41042 COMPUTER NETWORKS 22 43 3 15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41048 RADAR SYSTEMS 16 36 3 15A91A0425 RT4104A OPTICAL COMMUNICATION 29 32 3 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0425 RT4104M MICROWAVE ENGINEERING LAB 22 40 2 15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31	15A91A0424	RT4104M	MICROWAVE ENGINEERING LAB	24	45	2
15A91A0425 RT41043 DIGITAL IMAGE PROCESSING 25 35 3 15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41048 RADAR SYSTEMS 16 36 3 15A91A0425 RT4104A OPTICAL COMMUNICATION 29 32 3 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0425 RT4104M MICROWAVE ENGINEERING LAB 22 40 2 15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT41044 OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20	15A91A0425	RT41041	VLSI DESIGN	24	42	3
15A91A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 40 3 15A91A0425 RT41048 RADAR SYSTEMS 16 36 3 15A91A0425 RT4104A OPTICAL COMMUNICATION 29 32 3 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0425 RT4104M MICROWAVE ENGINEERING LAB 22 40 2 15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 </td <td>15A91A0425</td> <td>RT41042</td> <td>COMPUTER NETWORKS</td> <td>22</td> <td>43</td> <td>3</td>	15A91A0425	RT41042	COMPUTER NETWORKS	22	43	3
15A91A0425 RT41048 RADAR SYSTEMS 16 36 3 15A91A0425 RT4104A OPTICAL COMMUNICATION 29 32 3 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0425 RT4104M MICROWAVE ENGINEERING LAB 22 40 2 15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A	15A91A0425	RT41043	DIGITAL IMAGE PROCESSING	25	35	3
15A91A0425 RT4104A OPTICAL COMMUNICATION 29 32 3 15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0425 RT4104M MICROWAVE ENGINEERING LAB 22 40 2 15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0427 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41042 COMPUTER NETWORKS 25 45 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 <td>15A91A0425</td> <td>RT41044</td> <td>COMPUTER ARCHITECTURE AND ORGANIZATION</td> <td>24</td> <td>40</td> <td>3</td>	15A91A0425	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	40	3
15A91A0425 RT4104L V L S I LAB 24 48 2 15A91A0425 RT4104M MICROWAVE ENGINEERING LAB 22 40 2 15A91A0426 RT41041 V L S I DESIGN 16 31 3 15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 <td>15A91A0425</td> <td>RT41048</td> <td>RADAR SYSTEMS</td> <td>16</td> <td>36</td> <td>3</td>	15A91A0425	RT41048	RADAR SYSTEMS	16	36	3
15A91A0425 RT4104M MICROWAVE ENGINEERING LAB 22 40 2 15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 <	15A91A0425	RT4104A	OPTICAL COMMUNICATION	29	32	3
15A91A0426 RT41041 VLSI DESIGN 16 31 3 15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0425	RT4104L	V L S I LAB	24	48	2
15A91A0426 RT41042 COMPUTER NETWORKS 15 27 3 15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0425	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
15A91A0426 RT41043 DIGITAL IMAGE PROCESSING 16 6 0 15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0426	RT41041	VLSI DESIGN	16	31	3
15A91A0426 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 17 10 0 15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0426	RT41042	COMPUTER NETWORKS	15	27	3
15A91A0426 RT41048 RADAR SYSTEMS 14 18 0 15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0426	RT41043	DIGITAL IMAGE PROCESSING	16	6	0
15A91A0426 RT4104A OPTICAL COMMUNICATION 21 31 3 15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0426	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	10	0
15A91A0426 RT4104L V L S I LAB 5 31 2 15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0426	RT41048	RADAR SYSTEMS	14	18	0
15A91A0426 RT4104M MICROWAVE ENGINEERING LAB 15 20 2 15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0426	RT4104A	OPTICAL COMMUNICATION	21	31	3
15A91A0427 RT41041 VLSI DESIGN 25 45 3 15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0426	RT4104L	V L S I LAB	5	31	2
15A91A0427 RT41042 COMPUTER NETWORKS 25 51 3 15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0426	RT4104M	MICROWAVE ENGINEERING LAB	15	20	2
15A91A0427 RT41043 DIGITAL IMAGE PROCESSING 29 70 3 15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0427	RT41041	VLSI DESIGN	25	45	3
15A91A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 29 70 3 15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0427	RT41042	COMPUTER NETWORKS	25	51	3
15A91A0427 RT41048 RADAR SYSTEMS 30 49 3	15A91A0427	RT41043	DIGITAL IMAGE PROCESSING	29	70	3
	15A91A0427	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	70	3
15A91A0427 RT4104A OPTICAL COMMUNICATION 30 42 3	15A91A0427	RT41048	RADAR SYSTEMS	30	49	3
	15A91A0427	RT4104A	OPTICAL COMMUNICATION	30	42	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0427	RT4104L	V L S I LAB	25	50	2
15A91A0427	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0428	RT41041	VLSI DESIGN	26	41	3
15A91A0428	RT41042	COMPUTER NETWORKS	27	54	3
15A91A0428	RT41043	DIGITAL IMAGE PROCESSING	29	48	3
15A91A0428	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	44	3
15A91A0428	RT41048	RADAR SYSTEMS	30	46	3
15A91A0428	RT4104A	OPTICAL COMMUNICATION	30	42	3
15A91A0428	RT4104L	V L S I LAB	25	50	2
15A91A0428	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0429	RT41041	VLSI DESIGN	19	34	3
15A91A0429	RT41042	COMPUTER NETWORKS	18	19	0
15A91A0429	RT41043	DIGITAL IMAGE PROCESSING	20	24	3
15A91A0429	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	30	3
15A91A0429	RT41048	RADAR SYSTEMS	13	33	3
15A91A0429	RT4104A	OPTICAL COMMUNICATION	23	24	3
15A91A0429	RT4104L	V L S I LAB	19	44	2
15A91A0429	RT4104M	MICROWAVE ENGINEERING LAB	21	38	2
15A91A0430	RT41041	VLSI DESIGN	21	37	3
15A91A0430	RT41042	COMPUTER NETWORKS	23	56	3
15A91A0430	RT41043	DIGITAL IMAGE PROCESSING	24	34	3
15A91A0430	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	45	3
15A91A0430	RT41048	RADAR SYSTEMS	24	42	3
15A91A0430	RT4104A	OPTICAL COMMUNICATION	28	35	3
15A91A0430	RT4104L	V L S I LAB	22	44	2
15A91A0430	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A91A0431	RT41041	VLSI DESIGN	24	41	3
15A91A0431	RT41042	COMPUTER NETWORKS	25	43	3
15A91A0431	RT41043	DIGITAL IMAGE PROCESSING	25	32	3
15A91A0431	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	65	3
15A91A0431	RT41048	RADAR SYSTEMS	22	43	3
15A91A0431	RT4104A	OPTICAL COMMUNICATION	22	-1	0
15A91A0431	RT4104L	V L S I LAB	20	34	2
15A91A0431	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15A91A0432	RT41041	VLSI DESIGN	24	36	3
15A91A0432	RT41042	COMPUTER NETWORKS	22	54	3
15A91A0432	RT41043	DIGITAL IMAGE PROCESSING	27	30	3
15A91A0432	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	52	3
15A91A0432	RT41048	RADAR SYSTEMS	18	40	3
15A91A0432	RT4104A	OPTICAL COMMUNICATION	26	33	3
15A91A0432	RT4104L	V L S I LAB	24	49	2
15A91A0432	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A91A0433	RT41041	VLSI DESIGN	18	29	3
15A91A0433	RT41042	COMPUTER NETWORKS	21	33	3
15A91A0433	RT41043	DIGITAL IMAGE PROCESSING	16	24	3
15A91A0433	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	26	3
15A91A0433	RT41048	RADAR SYSTEMS	13	35	3
15A91A0433	RT4104A	OPTICAL COMMUNICATION	15	3	0
15A91A0433	RT4104L	V L S I LAB	10	21	2
15A91A0433	RT4104M	MICROWAVE ENGINEERING LAB	10	31	2

15A91A0434 R	RT41041	VLSI DESIGN			
15A91A0434 R		V LOI DEGIGIN	25	41	3
	RT41042	COMPUTER NETWORKS	25	61	3
I IONOIMUTOT IN	RT41043	DIGITAL IMAGE PROCESSING	28	35	3
	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	58	3
	RT41048	RADAR SYSTEMS	28	40	3
	RT4104A	OPTICAL COMMUNICATION	27	46	3
15A91A0434 R	RT4104L	V L S I LAB	25	49	2
15A91A0434 R	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15A91A0435 R	RT41041	VLSI DESIGN	23	43	3
15A91A0435 R	RT41042	COMPUTER NETWORKS	26	47	3
15A91A0435 R	RT41043	DIGITAL IMAGE PROCESSING	30	46	3
15A91A0435 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	70	3
15A91A0435 R	RT41048	RADAR SYSTEMS	29	55	3
15A91A0435 R	RT4104A	OPTICAL COMMUNICATION	30	53	3
15A91A0435 R	RT4104L	V L S I LAB	25	50	2
15A91A0435 R	RT4104M	MICROWAVE ENGINEERING LAB	25	46	2
15A91A0436 R	RT41041	VLSI DESIGN	19	15	0
15A91A0436 R	RT41042	COMPUTER NETWORKS	19	27	3
15A91A0436 R	RT41043	DIGITAL IMAGE PROCESSING	17	8	0
15A91A0436 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	46	3
15A91A0436 R	RT41048	RADAR SYSTEMS	13	30	3
15A91A0436 R	RT4104A	OPTICAL COMMUNICATION	23	34	3
15A91A0436 R	RT4104L	V L S I LAB	23	48	2
15A91A0436 R	RT4104M	MICROWAVE ENGINEERING LAB	20	38	2
15A91A0437 R	RT41041	VLSI DESIGN	24	46	3
15A91A0437 R	RT41042	COMPUTER NETWORKS	23	47	3
15A91A0437 R	RT41043	DIGITAL IMAGE PROCESSING	29	28	3
15A91A0437 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	30	46	3
15A91A0437 R	RT41048	RADAR SYSTEMS	30	51	3
15A91A0437 R	RT4104A	OPTICAL COMMUNICATION	28	47	3
15A91A0437 R	RT4104L	V L S I LAB	24	49	2
15A91A0437 R	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15A91A0438 R	RT41041	VLSI DESIGN	24	45	3
15A91A0438 R	RT41042	COMPUTER NETWORKS	25	58	3
15A91A0438 R	RT41043	DIGITAL IMAGE PROCESSING	25	35	3
15A91A0438 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	51	3
15A91A0438 R	RT41048	RADAR SYSTEMS	28	52	3
15A91A0438 R	RT4104A	OPTICAL COMMUNICATION	26	49	3
15A91A0438 R	RT4104L	V L S I LAB	24	48	2
15A91A0438 R	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A91A0439 R	RT41041	VLSI DESIGN	26	43	3
15A91A0439 R	RT41042	COMPUTER NETWORKS	25	34	3
15A91A0439 R	RT41043	DIGITAL IMAGE PROCESSING	30	32	3
15A91A0439 R	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	67	3
15A91A0439 R	RT41048	RADAR SYSTEMS	29	40	3
15A91A0439 R	RT4104A	OPTICAL COMMUNICATION	30	34	3
15A91A0439 R	RT4104L	V L S I LAB	24	49	2
15A91A0439 R	RT4104M	MICROWAVE ENGINEERING LAB	25	48	2
15A91A0440 R	RT41041	VLSI DESIGN	20	28	3
15A91A0440 R	RT41042	COMPUTER NETWORKS	20	32	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0440	RT41043	DIGITAL IMAGE PROCESSING	14	5	0
15A91A0440	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	39	3
15A91A0440	RT41048	RADAR SYSTEMS	15	25	3
15A91A0440	RT4104A	OPTICAL COMMUNICATION	22	30	3
15A91A0440	RT4104L	V L S I LAB	22	44	2
15A91A0440	RT4104M	MICROWAVE ENGINEERING LAB	10	32	2
15A91A0441	RT41041	VLSI DESIGN	15	28	3
15A91A0441	RT41042	COMPUTER NETWORKS	19	26	3
15A91A0441	RT41043	DIGITAL IMAGE PROCESSING	12	28	3
15A91A0441	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	26	3
15A91A0441	RT41048	RADAR SYSTEMS	18	26	3
15A91A0441	RT4104A	OPTICAL COMMUNICATION	18	15	0
15A91A0441	RT4104L	V L S I LAB	11	25	2
15A91A0441	RT4104M	MICROWAVE ENGINEERING LAB	9	0	0
15A91A0442	RT41041	VLSI DESIGN	26	45	3
15A91A0442	RT41042	COMPUTER NETWORKS	27	55	3
15A91A0442	RT41043	DIGITAL IMAGE PROCESSING	30	37	3
15A91A0442	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	44	3
15A91A0442	RT41048	RADAR SYSTEMS	29	50	3
15A91A0442	RT4104A	OPTICAL COMMUNICATION	30	49	3
15A91A0442	RT4104L	V L S I LAB	25	50	2
15A91A0442	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0443	RT41041	VLSI DESIGN	24	49	3
15A91A0443	RT41042	COMPUTER NETWORKS	25	43	3
15A91A0443	RT41043	DIGITAL IMAGE PROCESSING	29	50	3
15A91A0443	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	70	3
15A91A0443	RT41048	RADAR SYSTEMS	30	68	3
15A91A0443	RT4104A	OPTICAL COMMUNICATION	29	44	3
15A91A0443	RT4104L	V L S I LAB	25	50	2
15A91A0443	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0445	RT41041	VLSI DESIGN	19	24	3
15A91A0445	RT41042	COMPUTER NETWORKS	20	25	3
15A91A0445	RT41043	DIGITAL IMAGE PROCESSING	23	3	0
15A91A0445	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	43	3
15A91A0445	RT41048	RADAR SYSTEMS	25	27	3
15A91A0445	RT4104A	OPTICAL COMMUNICATION	19	33	3
15A91A0445	RT4104L	V L S I LAB	24	49	2
15A91A0445	RT4104M	MICROWAVE ENGINEERING LAB	24	34	2
15A91A0446	RT41041	VLSI DESIGN	23	38	3
15A91A0446	RT41042	COMPUTER NETWORKS	21	24	3
15A91A0446	RT41043	DIGITAL IMAGE PROCESSING	18	25	3
15A91A0446	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	34	3
15A91A0446	RT41048	RADAR SYSTEMS	25	42	3
15A91A0446	RT4104A	OPTICAL COMMUNICATION	26	32	3
15A91A0446	RT4104L	V L S I LAB	24	45	2
15A91A0446	RT4104M	MICROWAVE ENGINEERING LAB	23	40	2
15A91A0447	RT41041	VLSI DESIGN	21	49	3
15A91A0447	RT41042	COMPUTER NETWORKS	25	55	3
15A91A0447	RT41043	DIGITAL IMAGE PROCESSING	29	35	3
15A91A0447	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	56	3

15A91A0447 RT11048	Htno	Subcode	Subname	Internal	External	Credits
15A91A0447 RT4104A OPTICAL COMMUNICATION 27 43 3 15A91A0447 RT4104L V L S I LAB 24 49 2 15A91A0448 RT4104H WIGROWAVE ENGINEERING LAB 23 44 2 15A91A0448 RT41041 VLSI DESIGN 20 29 3 15A91A0448 RT41042 COMPUTER NETWORKS 20 24 3 15A91A0448 RT41044 COMPUTER NETHURORKS 20 24 3 15A91A0448 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 46 3 15A91A0448 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 29 3 15A91A0448 RT410404 OPTICAL COMMUNICATION 24 22 344 2 15A91A0449 RT41041 VLS I LAB 23 44 2 15A91A0449 RT41041 VLSI DESIGN 25 30 3 15A91A0449 RT41044 COMPUTER NETWORKS 25 30 3 </td <td>15A91A0447</td> <td>RT41048</td> <td>RADAR SYSTEMS</td> <td>21</td> <td>32</td> <td>3</td>	15A91A0447	RT41048	RADAR SYSTEMS	21	32	3
15A91A0447 RT4104L VL S I LAB						
15A91A0447 RT4104M MICROWAVE ENGINEERING LAB 23 44 2						
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15A91A0451 RT4104M MICROWAVE ENGINEERING LAB 25 50 2 15A91A0452 RT41041 VLSI DESIGN 20 28 3 15A91A0452 RT41042 COMPUTER NETWORKS 19 34 3 15A91A0452 RT41043 DIGITAL IMAGE PROCESSING 23 10 0 15A91A0452 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 31 3 15A91A0452 RT41048 RADAR SYSTEMS 26 38 3 15A91A0452 RT4104A OPTICAL COMMUNICATION 20 33 3 15A91A0452 RT4104L V L S I LAB 23 44 2 15A91A0452 RT4104M MICROWAVE ENGINEERING LAB 21 44 2 15A91A0453 RT41041 VLSI DESIGN 26 45 3 15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 50 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70	15A91A0451	RT4104A	OPTICAL COMMUNICATION	30	59	3
15A91A0452 RT41041 VLSI DESIGN 20 28 3 15A91A0452 RT41042 COMPUTER NETWORKS 19 34 3 15A91A0452 RT41043 DIGITAL IMAGE PROCESSING 23 10 0 15A91A0452 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 31 3 15A91A0452 RT41048 RADAR SYSTEMS 26 38 3 15A91A0452 RT4104A OPTICAL COMMUNICATION 20 33 3 15A91A0452 RT4104L V L S I LAB 23 44 2 15A91A0452 RT4104M MICROWAVE ENGINEERING LAB 21 44 2 15A91A0453 RT41041 VLSI DESIGN 26 45 3 15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 31 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0451	RT4104L	V L S I LAB	25	50	2
15A91A0452 RT41042 COMPUTER NETWORKS 19 34 3 15A91A0452 RT41043 DIGITAL IMAGE PROCESSING 23 10 0 15A91A0452 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 31 3 15A91A0452 RT41048 RADAR SYSTEMS 26 38 3 15A91A0452 RT4104A OPTICAL COMMUNICATION 20 33 3 15A91A0452 RT4104L V L S I LAB 23 44 2 15A91A0452 RT4104M MICROWAVE ENGINEERING LAB 21 44 2 15A91A0453 RT41041 VLSI DESIGN 26 45 3 15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 31 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0451	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0452 RT41043 DIGITAL IMAGE PROCESSING 23 10 0 15A91A0452 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 31 3 15A91A0452 RT41048 RADAR SYSTEMS 26 38 3 15A91A0452 RT4104A OPTICAL COMMUNICATION 20 33 3 15A91A0452 RT4104L V L S I LAB 23 44 2 15A91A0452 RT4104M MICROWAVE ENGINEERING LAB 21 44 2 15A91A0453 RT41041 VLSI DESIGN 26 45 3 15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0452	RT41041	VLSI DESIGN	20	28	3
15A91A0452 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 31 3 15A91A0452 RT41048 RADAR SYSTEMS 26 38 3 15A91A0452 RT4104A OPTICAL COMMUNICATION 20 33 3 15A91A0452 RT4104L V L S I LAB 23 44 2 15A91A0452 RT4104M MICROWAVE ENGINEERING LAB 21 44 2 15A91A0453 RT41041 VLSI DESIGN 26 45 3 15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 31 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0452	RT41042	COMPUTER NETWORKS	19	34	3
15A91A0452 RT41048 RADAR SYSTEMS 26 38 3 15A91A0452 RT4104A OPTICAL COMMUNICATION 20 33 3 15A91A0452 RT4104L V L S I LAB 23 44 2 15A91A0452 RT4104M MICROWAVE ENGINEERING LAB 21 44 2 15A91A0453 RT41041 VLSI DESIGN 26 45 3 15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 31 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0452	RT41043	DIGITAL IMAGE PROCESSING	23	10	0
15A91A0452 RT4104A OPTICAL COMMUNICATION 20 33 3 15A91A0452 RT4104L V L S I LAB 23 44 2 15A91A0452 RT4104M MICROWAVE ENGINEERING LAB 21 44 2 15A91A0453 RT41041 VLSI DESIGN 26 45 3 15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 31 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0452	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	31	3
15A91A0452 RT4104L V L S I LAB 23 44 2 15A91A0452 RT4104M MICROWAVE ENGINEERING LAB 21 44 2 15A91A0453 RT41041 VLSI DESIGN 26 45 3 15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 31 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0452	RT41048	RADAR SYSTEMS	26	38	3
15A91A0452 RT4104M MICROWAVE ENGINEERING LAB 21 44 2 15A91A0453 RT41041 VLSI DESIGN 26 45 3 15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 31 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0452	RT4104A	OPTICAL COMMUNICATION	20	33	3
15A91A0453 RT41041 VLSI DESIGN 26 45 3 15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 31 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0452	RT4104L	V L S I LAB	23	44	2
15A91A0453 RT41042 COMPUTER NETWORKS 25 50 3 15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 31 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0452	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
15A91A0453 RT41043 DIGITAL IMAGE PROCESSING 25 31 3 15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0453	RT41041	VLSI DESIGN	26	45	3
15A91A0453 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 70 3 15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0453	RT41042	COMPUTER NETWORKS	25	50	3
15A91A0453 RT41048 RADAR SYSTEMS 27 42 3	15A91A0453	RT41043	DIGITAL IMAGE PROCESSING	25	31	3
	15A91A0453	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	70	3
15A91A0453 RT4104A OPTICAL COMMUNICATION 26 38 3	15A91A0453	RT41048	RADAR SYSTEMS	27	42	3
20 00 0	15A91A0453	RT4104A	OPTICAL COMMUNICATION	26	38	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0453	RT4104L	V L S I LAB	23	46	2
15A91A0453	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A91A0454	RT41041	VLSI DESIGN	10	4	0
15A91A0454	RT41042	COMPUTER NETWORKS	12	3	0
15A91A0454	RT41043	DIGITAL IMAGE PROCESSING	15	6	0
15A91A0454	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	6	7	0
15A91A0454	RT41048	RADAR SYSTEMS	11	0	0
15A91A0454	RT4104A	OPTICAL COMMUNICATION	8	26	0
15A91A0454	RT4104L	V L S I LAB	10	10	0
15A91A0454	RT4104M	MICROWAVE ENGINEERING LAB	9	-1	0
15A91A0455	RT41041	VLSI DESIGN	24	51	3
15A91A0455	RT41042	COMPUTER NETWORKS	26	54	3
15A91A0455	RT41043	DIGITAL IMAGE PROCESSING	30	39	3
15A91A0455	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	30	46	3
15A91A0455	RT41048	RADAR SYSTEMS	30	48	3
15A91A0455	RT4104A	OPTICAL COMMUNICATION	29	46	3
15A91A0455	RT4104L	V L S I LAB	25	50	2
15A91A0455	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0456	RT41041	VLSI DESIGN	22	36	3
15A91A0456	RT41042	COMPUTER NETWORKS	24	37	3
15A91A0456	RT41043	DIGITAL IMAGE PROCESSING	20	24	3
15A91A0456	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	31	3
15A91A0456	RT41048	RADAR SYSTEMS	25	41	3
15A91A0456	RT4104A	OPTICAL COMMUNICATION	25	43	3
15A91A0456	RT4104L	V L S I LAB	24	49	2
15A91A0456	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15A91A0457	RT41041	VLSI DESIGN	25	28	3
15A91A0457	RT41042	COMPUTER NETWORKS	27	50	3
15A91A0457	RT41043	DIGITAL IMAGE PROCESSING	28	15	0
15A91A0457	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	60	3
15A91A0457	RT41048	RADAR SYSTEMS	26	24	3
15A91A0457	RT4104A	OPTICAL COMMUNICATION	30	41	3
15A91A0457	RT4104L	V L S I LAB	24	49	2
15A91A0457	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15A91A0458	RT41041	VLSI DESIGN	19	43	3
15A91A0458	RT41042	COMPUTER NETWORKS	20	29	3
15A91A0458	RT41043	DIGITAL IMAGE PROCESSING	21	26	3
15A91A0458	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	40	3
15A91A0458	RT41048	RADAR SYSTEMS	11	41	3
15A91A0458	RT4104A	OPTICAL COMMUNICATION	20	39	3
15A91A0458	RT4104L	V L S I LAB	24	47	2
15A91A0458	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A91A0459	RT41041	VLSI DESIGN	22	47	3
15A91A0459	RT41042	COMPUTER NETWORKS	24	53	3
15A91A0459	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
15A91A0459	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	43	3
15A91A0459	RT41048	RADAR SYSTEMS	18	39	3
15A91A0459	RT4104A	OPTICAL COMMUNICATION	22	42	3
15A91A0459	RT4104L	V L S I LAB	22	36	2
15A91A0459	RT4104M	MICROWAVE ENGINEERING LAB	10	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0460	RT41041	VLSI DESIGN	27	43	3
15A91A0460	RT41042	COMPUTER NETWORKS	26	40	3
15A91A0460	RT41043	DIGITAL IMAGE PROCESSING	29	60	3
15A91A0460	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	59	3
15A91A0460	RT41048	RADAR SYSTEMS	30	46	3
15A91A0460	RT4104A	OPTICAL COMMUNICATION	29	52	3
15A91A0460	RT4104L	V L S I LAB	25	50	2
15A91A0460	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0461	RT41041	VLSI DESIGN	23	38	3
15A91A0461	RT41042	COMPUTER NETWORKS	23	43	3
15A91A0461	RT41043	DIGITAL IMAGE PROCESSING	30	32	3
15A91A0461	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	64	3
15A91A0461	RT41048	RADAR SYSTEMS	26	38	3
15A91A0461	RT4104A	OPTICAL COMMUNICATION	25	47	3
15A91A0461	RT4104L	V L S I LAB	23	49	2
15A91A0461	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15A91A0462	RT41041	VLSI DESIGN	22	26	3
15A91A0462	RT41042	COMPUTER NETWORKS	20	29	3
15A91A0462	RT41043	DIGITAL IMAGE PROCESSING	17	24	3
15A91A0462	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	25	3
15A91A0462	RT41048	RADAR SYSTEMS	21	24	3
15A91A0462	RT4104A	OPTICAL COMMUNICATION	17	27	3
15A91A0462	RT4104L	VLSILAB	23	46	2
15A91A0462	RT4104M	MICROWAVE ENGINEERING LAB	21	33	2
15A91A0463	RT41041	VLSI DESIGN	25	56	3
15A91A0463	RT41042	COMPUTER NETWORKS	25	46	3
15A91A0463	RT41043	DIGITAL IMAGE PROCESSING	27	40	3
15A91A0463	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	41	3
15A91A0463	RT41048	RADAR SYSTEMS	29	54	3
15A91A0463	RT4104A	OPTICAL COMMUNICATION	24	42	3
15A91A0463	RT4104L	VLSILAB	25	50	2
15A91A0463	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15A91A0464	RT41041	VLSI DESIGN	22	25	3
15A91A0464	RT41042	COMPUTER NETWORKS	22	37	3
15A91A0464	RT41043	DIGITAL IMAGE PROCESSING	25	24	3
15A91A0464	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	32	3
15A91A0464	RT41048	RADAR SYSTEMS	24	42	3
15A91A0464	RT4104A	OPTICAL COMMUNICATION	20	37	3
15A91A0464	RT4104L	V L S I LAB	23	44	2
15A91A0464	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A91A0465	RT41041	VLSI DESIGN	25	38	3
15A91A0465	RT41042	COMPUTER NETWORKS	24	44	3
15A91A0465	RT41043	DIGITAL IMAGE PROCESSING	27	39	3
15A91A0465	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	54	3
15A91A0465	RT41048	RADAR SYSTEMS	28	36	3
15A91A0465	RT4104A	OPTICAL COMMUNICATION	27	50	3
15A91A0465	RT4104L	V L S I LAB	24	49	2
15A91A0465	RT4104M	MICROWAVE ENGINEERING LAB	24	45	2
15A91A0466	RT41041	VLSI DESIGN	13	27	3
15A91A0466	RT41042	COMPUTER NETWORKS	21	27	3

15A91A0466 RT41043 DIGITAL IMAGE PROCESSING 13 14 0 0 15A91A0466 RT41048 COMPUTER ARCHITECTURE AND ORGANIZATION 9 7 0 0 15A91A0466 RT41044 ODER OF THE TOTAL ORGANIZATION 15 30 3 3 15A91A0466 RT4104M MICROWAVE ENGINEERING LAB 5 -1 0 0 15A91A0466 RT4104M MICROWAVE ENGINEERING LAB 5 -1 0 0 15A91A0467 RT41041 V.L.SI DESIGN 24 43 3 3 1 4 2 3 3 3 3 3 3 3 3 3	Htno	Subcode	Subname	Internal	External	Credits
ISABIADA666 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 9 7 0	15A91A0466	RT41043	DIGITAL IMAGE PROCESSING	13	14	0
15A91A0466 RT41048 RADAR SYSTEMS 16 2 0						0
15A91A0466 RT4104A OPTICAL COMMUNICATION 15 30 3 15A91A0466 RT4104L V L S I LAB 13 -1 0 15A91A0466 RT4104M MICROWAVE ENGINEERING LAB 5 -1 0 15A91A0467 RT41041 VLSI DESIGN 24 43 3 15A91A0467 RT41042 COMPUTER NETWORKS 26 24 3 15A91A0467 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 23 29 3 15A91A0467 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 38 3 15A91A0467 RT41044 OPTICAL COMMUNICATION 25 38 3 15A91A0467 RT41044 VL S I LAB 24 49 2 15A91A0468 RT41041 VL S I LAB 24 49 2 15A91A0468 RT41044 VUSI DESIGN 20 41 3 15A91A0468 RT41044 VLS I LAB 24 49 2 15A91A0468 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
15A91A0466 RT4104L V L S I LAB 13 -1 0 15A91A0467 RT4104M MICROWAVE ENGINEERING LAB 5 -1 0 15A91A0467 RT41041 V LSJ DESIGN 24 43 3 15A91A0467 RT41042 COMPUTER RETWORKS 21 42 3 15A91A0467 RT41043 DIGITAL IMAGE PROCESSING 26 24 3 15A91A0467 RT41048 RADAR SYSTEMS 28 48 3 15A91A0467 RT41044 OPTICAL COMMUNICATION 25 38 3 15A91A0467 RT41044 V S I LAB 24 49 2 15A91A0468 RT41041 V S I LAB 24 49 2 15A91A0468 RT41041 V SI DESIGN 20 41 3 15A91A0468 RT41041 V LSI LAB 24 49 2 15A91A0468 RT41044 COMPUTER NETWORKS 23 37 3 15A91A0468 RT41044 COMPU			OPTICAL COMMUNICATION			3
15A91A0466 RT4104M MICROWAVE ENGINEERING LAB 5 -1 0 15A91A0467 RT410141 VLSI DESIGN 24 43 3 15A91A0467 RT41043 DIGITAL IMAGE PROCESSING 26 24 3 15A91A0467 RT41044 COMPUTER RECTIFICATIVE AND ORGANIZATION 23 29 3 15A91A0467 RT41044 COMPUTER RECTIFICATIVE AND ORGANIZATION 25 38 3 15A91A0467 RT41040A OPTICAL COMMUNICATION 25 38 3 15A91A0467 RT41041 VLSI DESIGN 20 41 3 15A91A0468 RT41042 COMPUTER NETWORKS 23 37 3 15A91A0468 RT41044 DIGITAL IMAGE PROCESSING 22 16 0 15A91A0468 RT41044 DIGITAL IMAGE PROCESSING 22 16 0 15A91A0468 RT41044 OPTICAL COMMUNICATION 23 39 3 15A91A0468 RT41044 OPTICAL COMMUNICATION 23 39						
15A91A0467 RT41041 VLSI DESIGN 24 43 3 15A91A0467 RT41042 COMPUTER NETWORKS 21 42 3 15A91A0467 RT41044 COMPUTER RETWORKS 26 24 3 15A91A0467 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 23 29 3 15A91A0467 RT41048 RADAR SYSTEMS 28 48 3 15A91A0467 RT41041 VL S I LAB 24 49 2 15A91A0468 RT41041 VL SI DESIGN 20 41 3 15A91A0468 RT41042 VL SI DESIGN 20 41 3 15A91A0468 RT41043 DIGITAL IMAGE PROCESSING 22 16 0 15A91A0468 RT41040 COMPUTER RECHIECTURE AND ORGANIZATION 24 37 3 15A91A0468 RT41044 MCROWAS ENGINEERING LAB 24 47 2 15A91A0468 RT41044 MICROWAS ENGINEERING LAB 24 47 2 <						
15A91A0467 RT41042 COMPUTER NETWORKS 21 42 3 15A91A0467 RT41043 DIGITAL IMAGE PROCESSING 26 24 3 15A91A0467 RT41048 RADAR SYSTEMS 28 48 3 15A91A0467 RT4104A POPTICAL COMMUNICATION 25 38 3 15A91A0467 RT4104M MICROWAVE ENGINEERING LAB 23 43 2 15A91A0468 RT41014 VLSI DESIGN 20 41 3 3 15A91A0468 RT41041 VLSI DESIGN 20 41 3 3 15A91A0468 RT41042 COMPUTER NETWORKS 23 37 3 3 15A91A0468 RT41044 DIGITAL IMAGE PROCESSING 22 16 0 15A91A0468 RT41044 OPTICAL COMMUNICATION 23 39 3 15A91A0468 RT41044 OPTICAL COMMUNICATION 23 39 3 15A91A0469 RT41041 VLS IDESIGN 23 29 <td< td=""><td>15A91A0467</td><td></td><td>VLSI DESIGN</td><td></td><td></td><td>3</td></td<>	15A91A0467		VLSI DESIGN			3
15A91A0467 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 23 29 3 15A91A0467 RT41048 RADAR SYSTEMS 28 48 3 15A91A0467 RT4104L V L S I LAB 24 49 2 15A91A0467 RT4104L V L S I LAB 24 49 2 15A91A0468 RT4104M MICROWAVE ENGINEERING LAB 23 43 2 15A91A0468 RT41041 V LSI DESIGN 20 41 3 15A91A0468 RT41043 DIGITAL IMAGE PROCESSING 22 16 0 15A91A0468 RT41043 POMPUTER ARCHITECTURE AND ORGANIZATION 24 37 3 15A91A0468 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 23 39 3 15A91A0468 RT4104A OPTICAL COMMUNICATION 23 39 3 15A91A0468 RT4104L V L S I LAB 23 46 2 15A91A0469 RT4104L V L S I LAB 23 46 2	15A91A0467	RT41042	COMPUTER NETWORKS	21		
15A91A0467 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 23 29 3 15A91A0467 RT41048 RADAR SYSTEMS 28 48 3 15A91A0467 RT4104L V L S I LAB 24 49 2 15A91A0467 RT4104L V L S I LAB 24 49 2 15A91A0468 RT4104M MICROWAYE ENGINEERING LAB 23 43 2 15A91A0468 RT41041 V LSI DESIGN 20 41 3 15A91A0468 RT41043 DIGITAL IMAGE PROCESSING 22 16 0 15A91A0468 RT41043 DIGITAL IMAGE PROCESSING 22 16 0 15A91A0468 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 37 3 15A91A0468 RT4104A POTICAL COMMUNICATION 23 39 3 15A91A0468 RT4104L V L S I LAB 23 46 2 15A91A0469 RT4104L V L SI LAB 23 46 2 <						
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15A91A0471 RT4104M MICROWAVE ENGINEERING LAB 24 45 2 15A91A0472 RT41041 VLSI DESIGN 25 38 3 15A91A0472 RT41042 COMPUTER NETWORKS 23 47 3 15A91A0472 RT41043 DIGITAL IMAGE PROCESSING 29 41 3	15A91A0471	RT4104A	OPTICAL COMMUNICATION	26	45	3
15A91A0472 RT41041 VLSI DESIGN 25 38 3 15A91A0472 RT41042 COMPUTER NETWORKS 23 47 3 15A91A0472 RT41043 DIGITAL IMAGE PROCESSING 29 41 3	15A91A0471	RT4104L	V L S I LAB	24	47	2
15A91A0472 RT41042 COMPUTER NETWORKS 23 47 3 15A91A0472 RT41043 DIGITAL IMAGE PROCESSING 29 41 3	15A91A0471	RT4104M	MICROWAVE ENGINEERING LAB	24	45	2
15A91A0472 RT41043 DIGITAL IMAGE PROCESSING 29 41 3	15A91A0472	RT41041	VLSI DESIGN	25	38	3
	15A91A0472	RT41042	COMPUTER NETWORKS	23	47	3
15A91A0472 RT41044 COMPLITER ARCHITECTURE AND OPCANIZATION 22 52 2	15A91A0472	RT41043	DIGITAL IMAGE PROCESSING	29	41	3
10/10/10/12 INTERIOR CONTROL AND ONGANIZATION 23 33 3	15A91A0472	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	53	3

15A91A0472 RT41048 RADAR SYSTEMS 28 45 15A91A0472 RT4104A OPTICAL COMMUNICATION 30 51 15A91A0472 RT4104L V L S I LAB 25 50 15A91A0472 RT4104M MICROWAVE ENGINEERING LAB 25 50 15A91A0474 RT41041 VLSI DESIGN 22 38 15A91A0474 RT41042 COMPUTER NETWORKS 22 26 15A91A0474 RT41043 DIGITAL IMAGE PROCESSING 22 47 15A91A0474 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 38 15A91A0474 RT41048 RADAR SYSTEMS 25 36 15A91A0474 RT4104A OPTICAL COMMUNICATION 24 32 15A91A0474 RT4104L V L S I LAB 24 49 15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING <th>3 3 2 2 3 3 3 3 3 3 2 2 2 3 3 3 3</th>	3 3 2 2 3 3 3 3 3 3 2 2 2 3 3 3 3
15A91A0472 RT4104L V L S I LAB 25 50 15A91A0472 RT4104M MICROWAVE ENGINEERING LAB 25 50 15A91A0474 RT41041 VLSI DESIGN 22 38 15A91A0474 RT41042 COMPUTER NETWORKS 22 26 15A91A0474 RT41043 DIGITAL IMAGE PROCESSING 22 47 15A91A0474 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 38 15A91A0474 RT41048 RADAR SYSTEMS 25 36 15A91A0474 RT4104A OPTICAL COMMUNICATION 24 32 15A91A0474 RT4104L V L S I LAB 24 49 15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	2 2 3 3 3 3 3 3 2 2 2 3 3 3 3
15A91A0472 RT4104M MICROWAVE ENGINEERING LAB 25 50 15A91A0474 RT41041 VLSI DESIGN 22 38 15A91A0474 RT41042 COMPUTER NETWORKS 22 26 15A91A0474 RT41043 DIGITAL IMAGE PROCESSING 22 47 15A91A0474 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 38 15A91A0474 RT41048 RADAR SYSTEMS 25 36 15A91A0474 RT4104A OPTICAL COMMUNICATION 24 32 15A91A0474 RT4104L V L S I LAB 24 49 15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	2 3 3 3 3 3 3 2 2 2 3 3 3 3
15A91A0474 RT41041 VLSI DESIGN 22 38 15A91A0474 RT41042 COMPUTER NETWORKS 22 26 15A91A0474 RT41043 DIGITAL IMAGE PROCESSING 22 47 15A91A0474 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 38 15A91A0474 RT41048 RADAR SYSTEMS 25 36 15A91A0474 RT4104A OPTICAL COMMUNICATION 24 32 15A91A0474 RT4104L V L S I LAB 24 49 15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	3 3 3 3 3 2 2 2 3 3 3
15A91A0474 RT41042 COMPUTER NETWORKS 22 26 15A91A0474 RT41043 DIGITAL IMAGE PROCESSING 22 47 15A91A0474 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 38 15A91A0474 RT41048 RADAR SYSTEMS 25 36 15A91A0474 RT4104A OPTICAL COMMUNICATION 24 32 15A91A0474 RT4104L V L S I LAB 24 49 15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	3 3 3 3 2 2 2 3 3 3
15A91A0474 RT41043 DIGITAL IMAGE PROCESSING 22 47 15A91A0474 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 38 15A91A0474 RT41048 RADAR SYSTEMS 25 36 15A91A0474 RT4104A OPTICAL COMMUNICATION 24 32 15A91A0474 RT4104L V L S I LAB 24 49 15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	3 3 3 2 2 2 3 3 3
15A91A0474 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 38 15A91A0474 RT41048 RADAR SYSTEMS 25 36 15A91A0474 RT4104A OPTICAL COMMUNICATION 24 32 15A91A0474 RT4104L V L S I LAB 24 49 15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	3 3 2 2 2 3 3 3
15A91A0474 RT41048 RADAR SYSTEMS 25 36 15A91A0474 RT4104A OPTICAL COMMUNICATION 24 32 15A91A0474 RT4104L V L S I LAB 24 49 15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	3 3 2 2 2 3 3 3
15A91A0474 RT4104A OPTICAL COMMUNICATION 24 32 15A91A0474 RT4104L V L S I LAB 24 49 15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	3 2 2 3 3 3
15A91A0474 RT4104L V L S I LAB 24 49 15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	2 2 3 3 3
15A91A0474 RT4104M MICROWAVE ENGINEERING LAB 22 42 15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	2 3 3 3
15A91A0475 RT41041 VLSI DESIGN 24 27 15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	3 3 3
15A91A0475 RT41042 COMPUTER NETWORKS 23 31 15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	3
15A91A0475 RT41043 DIGITAL IMAGE PROCESSING 19 25 15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	3
15A91A0475 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 16	
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AFACAACAZE DEAGAGE DADAD OVCETIAG	_
15A91A0475	0
15A91A0475 RT4104A OPTICAL COMMUNICATION 19 3	0
15A91A0475 RT4104L V L S I LAB 20 38	2
15A91A0475 RT4104M MICROWAVE ENGINEERING LAB 20 -1	0
15A91A0476 RT41041 VLSI DESIGN 26 50	3
15A91A0476 RT41042 COMPUTER NETWORKS 22 54	3
15A91A0476 RT41043 DIGITAL IMAGE PROCESSING 27 25	3
15A91A0476 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 24 33	3
15A91A0476 RT41048 RADAR SYSTEMS 28 39	3
15A91A0476 RT4104A OPTICAL COMMUNICATION 26 46	3
15A91A0476 RT4104L V L S I LAB 25 50	2
15A91A0476 RT4104M MICROWAVE ENGINEERING LAB 25 49	2
15A91A0477 RT41041 VLSI DESIGN 23 28	3
15A91A0477 RT41042 COMPUTER NETWORKS 22 29	3
15A91A0477 RT41043 DIGITAL IMAGE PROCESSING 17 36	3
15A91A0477 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 36	3
15A91A0477 RT41048 RADAR SYSTEMS 20 40	3
15A91A0477 RT4104A OPTICAL COMMUNICATION 22 41	3
15A91A0477 RT4104L V L S I LAB 24 44	2
15A91A0477 RT4104M MICROWAVE ENGINEERING LAB 21 38	2
15A91A0478 RT41041 VLSI DESIGN 24 27	3
15A91A0478 RT41042 COMPUTER NETWORKS 23 25	3
15A91A0478 RT41043 DIGITAL IMAGE PROCESSING 24 13	0
15A91A0478 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 23 24	3
15A91A0478 RT41048 RADAR SYSTEMS 24 32	3
15A91A0478 RT4104A OPTICAL COMMUNICATION 23 38	3
15A91A0478 RT4104L V L S I LAB 25 47	2
15A91A0478 RT4104M MICROWAVE ENGINEERING LAB 21 43	2
15A91A0479 RT41041 VLSI DESIGN 23 44	3
15A91A0479 RT41042 COMPUTER NETWORKS 25 39	3
15A91A0479 RT41043 DIGITAL IMAGE PROCESSING 27 35	3
15A91A0479 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 23 39	3
15A91A0479 RT41048 RADAR SYSTEMS 24 45	3
15A91A0479 RT4104A OPTICAL COMMUNICATION 24 33	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0479	RT4104L	V L S I LAB	25	49	2
15A91A0479	RT4104M	MICROWAVE ENGINEERING LAB	22	49	2
15A91A0480	RT41041	VLSI DESIGN	26	40	3
15A91A0480	RT41042	COMPUTER NETWORKS	21	48	3
15A91A0480	RT41043	DIGITAL IMAGE PROCESSING	28	24	3
15A91A0480	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	36	3
15A91A0480	RT41048	RADAR SYSTEMS	24	41	3
15A91A0480	RT4104A	OPTICAL COMMUNICATION	23	44	3
15A91A0480	RT4104L	V L S I LAB	24	44	2
15A91A0480	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0482	RT41041	VLSI DESIGN	26	35	3
15A91A0482	RT41042	COMPUTER NETWORKS	26	41	3
15A91A0482	RT41043	DIGITAL IMAGE PROCESSING	30	42	3
15A91A0482	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	44	3
15A91A0482	RT41048	RADAR SYSTEMS	30	56	3
15A91A0482	RT4104A	OPTICAL COMMUNICATION	29	58	3
15A91A0482	RT4104L	V L S I LAB	24	50	2
15A91A0482	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0483	RT41041	VLSI DESIGN	19	28	3
15A91A0483	RT41042	COMPUTER NETWORKS	24	26	3
15A91A0483	RT41043	DIGITAL IMAGE PROCESSING	22	14	0
15A91A0483	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	39	3
15A91A0483	RT41048	RADAR SYSTEMS	23	30	3
15A91A0483	RT4104A	OPTICAL COMMUNICATION	25	39	3
15A91A0483	RT4104L	V L S I LAB	20	34	2
15A91A0483	RT4104M	MICROWAVE ENGINEERING LAB	21	41	2
15A91A0484	RT41041	VLSI DESIGN	24	46	3
15A91A0484	RT41042	COMPUTER NETWORKS	26	40	3
15A91A0484	RT41043	DIGITAL IMAGE PROCESSING	29	32	3
15A91A0484	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	38	3
15A91A0484	RT41048	RADAR SYSTEMS	30	45	3
15A91A0484	RT4104A	OPTICAL COMMUNICATION	27	45	3
15A91A0484	RT4104L	V L S I LAB	25	50	2
15A91A0484	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0485	RT41041	VLSI DESIGN	24	47	3
15A91A0485	RT41042	COMPUTER NETWORKS	22	46	3
15A91A0485	RT41043	DIGITAL IMAGE PROCESSING	18	28	3
15A91A0485	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	41	3
15A91A0485	RT41048	RADAR SYSTEMS	30	41	3
15A91A0485	RT4104A	OPTICAL COMMUNICATION	27	29	3
15A91A0485	RT4104L	V L S I LAB	24	49	2
15A91A0485	RT4104M	MICROWAVE ENGINEERING LAB	19	47	2
15A91A0487	RT41041	VLSI DESIGN	24	52	3
15A91A0487	RT41042	COMPUTER NETWORKS	23	41	3
15A91A0487	RT41043	DIGITAL IMAGE PROCESSING	21	32	3
15A91A0487	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	38	3
15A91A0487	RT41048	RADAR SYSTEMS	20	41	3
15A91A0487	RT4104A	OPTICAL COMMUNICATION	26	39	3
15A91A0487	RT4104L	V L S I LAB	24	49	2
15A91A0487	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0488	RT41041	VLSI DESIGN	27	30	3
15A91A0488	RT41042	COMPUTER NETWORKS	23	24	3
15A91A0488	RT41043	DIGITAL IMAGE PROCESSING	29	35	3
15A91A0488	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	42	3
15A91A0488	RT41048	RADAR SYSTEMS	24	30	3
15A91A0488	RT4104A	OPTICAL COMMUNICATION	26	24	3
15A91A0488	RT4104L	V L S I LAB	24	48	2
15A91A0488	RT4104M	MICROWAVE ENGINEERING LAB	21	41	2
15A91A0489	RT41041	VLSI DESIGN	26	44	3
15A91A0489	RT41042	COMPUTER NETWORKS	24	31	3
15A91A0489	RT41043	DIGITAL IMAGE PROCESSING	29	24	3
15A91A0489	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	40	3
15A91A0489	RT41048	RADAR SYSTEMS	30	51	3
15A91A0489	RT4104A	OPTICAL COMMUNICATION	27	26	3
15A91A0489	RT4104L	V L S I LAB	25	50	2
15A91A0489	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A91A0490	RT41041	VLSI DESIGN	21	39	3
15A91A0490	RT41042	COMPUTER NETWORKS	22	50	3
15A91A0490	RT41043	DIGITAL IMAGE PROCESSING	26	15	0
15A91A0490	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	35	3
15A91A0490	RT41048	RADAR SYSTEMS	19	35	3
15A91A0490	RT4104A	OPTICAL COMMUNICATION	16	29	3
15A91A0490	RT4104L	VLSILAB	19	42	2
15A91A0490	RT4104M	MICROWAVE ENGINEERING LAB	18	44	2
15A91A0492	RT41041	VLSI DESIGN	18	27	3
15A91A0492	RT41042	COMPUTER NETWORKS	20	33	3
15A91A0492	RT41043	DIGITAL IMAGE PROCESSING	20	24	3
15A91A0492	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	59	3
15A91A0492	RT41048	RADAR SYSTEMS	24	41	3
15A91A0492	RT4104A	OPTICAL COMMUNICATION	24	44	3
15A91A0492	RT4104L	VLSILAB	18	39	2
15A91A0492	RT4104M	MICROWAVE ENGINEERING LAB	19	45	2
15A91A0493	RT41041	VLSI DESIGN	25	28	3
15A91A0493	RT41042	COMPUTER NETWORKS	26	36	3
15A91A0493	RT41043	DIGITAL IMAGE PROCESSING	28	49	3
15A91A0493	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	50	3
15A91A0493	RT41048	RADAR SYSTEMS	30	33	3
15A91A0493	RT4104A	OPTICAL COMMUNICATION	28	42	3
15A91A0493	RT4104L	V L S I LAB	24	49	2
15A91A0493	RT4104M	MICROWAVE ENGINEERING LAB	25	43	2
15A91A0494	RT41041	VLSI DESIGN	24	46	3
15A91A0494	RT41042	COMPUTER NETWORKS	24	37	3
15A91A0494	RT41043	DIGITAL IMAGE PROCESSING	28	33	3
15A91A0494	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	38	3
15A91A0494	RT41048	RADAR SYSTEMS	25	42	3
15A91A0494	RT4104A	OPTICAL COMMUNICATION	26	43	3
15A91A0494	RT4104L	V L S I LAB	24	39	2
15A91A0494	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15A91A0495	RT41041	VLSI DESIGN	19	50	3
15A91A0495	RT41042	COMPUTER NETWORKS	21	48	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0495	RT41043	DIGITAL IMAGE PROCESSING	26	28	3
15A91A0495	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	36	3
15A91A0495	RT41048	RADAR SYSTEMS	22	38	3
15A91A0495	RT4104A	OPTICAL COMMUNICATION	26	40	3
15A91A0495	RT4104L	V L S I LAB	25	48	2
15A91A0495	RT4104M	MICROWAVE ENGINEERING LAB	18	34	2
15A91A0496	RT41041	VLSI DESIGN	26	49	3
15A91A0496	RT41042	COMPUTER NETWORKS	26	42	3
15A91A0496	RT41043	DIGITAL IMAGE PROCESSING	30	70	3
15A91A0496	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	70	3
15A91A0496	RT41048	RADAR SYSTEMS	30	53	3
15A91A0496	RT4104A	OPTICAL COMMUNICATION	30	50	3
15A91A0496	RT4104L	V L S I LAB	25	50	2
15A91A0496	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A0497	RT41041	VLSI DESIGN	18	24	3
15A91A0497	RT41042	COMPUTER NETWORKS	20	24	3
15A91A0497	RT41043	DIGITAL IMAGE PROCESSING	19	5	0
15A91A0497	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	36	3
15A91A0497	RT41048	RADAR SYSTEMS	20	24	3
15A91A0497	RT4104A	OPTICAL COMMUNICATION	17	2	0
15A91A0497	RT4104L	V L S I LAB	18	34	2
15A91A0497	RT4104M	MICROWAVE ENGINEERING LAB	18	16	0
15A91A0498	RT41041	VLSI DESIGN	25	44	3
15A91A0498	RT41042	COMPUTER NETWORKS	24	32	3
15A91A0498	RT41043	DIGITAL IMAGE PROCESSING	27	35	3
15A91A0498	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	43	3
15A91A0498	RT41048	RADAR SYSTEMS	30	50	3
15A91A0498	RT4104A	OPTICAL COMMUNICATION	27	41	3
15A91A0498	RT4104L	V L S I LAB	24	48	2
15A91A0498	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A91A0499	RT41041	VLSI DESIGN	23	47	3
15A91A0499	RT41042	COMPUTER NETWORKS	24	37	3
15A91A0499	RT41043	DIGITAL IMAGE PROCESSING	20	25	3
15A91A0499	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	30	3
15A91A0499	RT41048	RADAR SYSTEMS	24	35	3
15A91A0499	RT4104A	OPTICAL COMMUNICATION	20	24	3
15A91A0499	RT4104L	V L S I LAB	21	44	2
15A91A0499	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A91A04A0	RT41041	VLSI DESIGN	15	26	3
15A91A04A0	RT41042	COMPUTER NETWORKS	18	32	3
15A91A04A0	RT41043	DIGITAL IMAGE PROCESSING	18	17	0
15A91A04A0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	31	3
15A91A04A0	RT41048	RADAR SYSTEMS	20	11	0
15A91A04A0	RT4104A	OPTICAL COMMUNICATION	17	24	3
15A91A04A0	RT4104L	V L S I LAB	20	42	2
15A91A04A0	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A91A04A1	RT41041	VLSI DESIGN	24	36	3
15A91A04A1	RT41042	COMPUTER NETWORKS	23	28	3
15A91A04A1	RT41043	DIGITAL IMAGE PROCESSING	25	14	0
15A91A04A1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	50	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04A1	RT41048	RADAR SYSTEMS	27	27	3
15A91A04A1	RT4104A	OPTICAL COMMUNICATION	22	36	3
15A91A04A1	RT4104L	V L S I LAB	21	46	2
15A91A04A1	RT4104M	MICROWAVE ENGINEERING LAB	22	34	2
15A91A04A2	RT41041	VLSI DESIGN	21	27	3
15A91A04A2	RT41042	COMPUTER NETWORKS	18	29	3
15A91A04A2	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
15A91A04A2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	24	3
15A91A04A2	RT41048	RADAR SYSTEMS	22	30	3
15A91A04A2	RT4104A	OPTICAL COMMUNICATION	24	16	0
15A91A04A2	RT4104L	V L S I LAB	22	44	2
15A91A04A2	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A91A04A4	RT41041	VLSI DESIGN	11	0	0
15A91A04A4	RT41042	COMPUTER NETWORKS	13	2	0
15A91A04A4	RT41043	DIGITAL IMAGE PROCESSING	15	2	0
15A91A04A4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	4	0	0
15A91A04A4	RT41048	RADAR SYSTEMS	5	0	0
15A91A04A4	RT4104A	OPTICAL COMMUNICATION	3	0	0
15A91A04A4	RT4104L	V L S I LAB	13	-1	0
15A91A04A4	RT4104M	MICROWAVE ENGINEERING LAB	5	-1	0
15A91A04A5	RT41041	VLSI DESIGN	21	26	3
15A91A04A5	RT41042	COMPUTER NETWORKS	19	4	0
15A91A04A5	RT41043	DIGITAL IMAGE PROCESSING	24	7	0
15A91A04A5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	26	3
15A91A04A5	RT41048	RADAR SYSTEMS	24	32	3
15A91A04A5	RT4104A	OPTICAL COMMUNICATION	18	24	3
15A91A04A5	RT4104L	V L S I LAB	23	-1	0
15A91A04A5	RT4104M	MICROWAVE ENGINEERING LAB	15	-1	0
15A91A04A6	RT41041	VLSI DESIGN	25	15	0
15A91A04A6	RT41042	COMPUTER NETWORKS	27	46	3
15A91A04A6	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
15A91A04A6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	44	3
15A91A04A6	RT41048	RADAR SYSTEMS	30	29	3
15A91A04A6	RT4104A	OPTICAL COMMUNICATION	25	33	3
15A91A04A6	RT4104L	V L S I LAB	24	47	2
15A91A04A6	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15A91A04A7	RT41041	VLSI DESIGN	16	0	0
15A91A04A7	RT41042	COMPUTER NETWORKS	21	38	3
15A91A04A7	RT41043	DIGITAL IMAGE PROCESSING	21	14	0
15A91A04A7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	35	3
15A91A04A7	RT41048	RADAR SYSTEMS	15	26	3
15A91A04A7	RT4104A	OPTICAL COMMUNICATION	15	16	0
15A91A04A7	RT4104L	V L S I LAB	21	46	2
15A91A04A7	RT4104M	MICROWAVE ENGINEERING LAB	18	38	2
15A91A04A8	RT41041	VLSI DESIGN	22	36	3
15A91A04A8	RT41042	COMPUTER NETWORKS	19	36	3
15A91A04A8	RT41043	DIGITAL IMAGE PROCESSING	21	26	3
15A91A04A8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	28	3
15A91A04A8	RT41048	RADAR SYSTEMS	20	16	0
15A91A04A8	RT4104A	OPTICAL COMMUNICATION	24	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04A8	RT4104L	V L S I LAB	23	34	2
15A91A04A8	RT4104M	MICROWAVE ENGINEERING LAB	18	37	2
15A91A04A9	RT41041	VLSI DESIGN	25	35	3
15A91A04A9	RT41042	COMPUTER NETWORKS	25	42	3
15A91A04A9	RT41043	DIGITAL IMAGE PROCESSING	28	37	3
15A91A04A9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	54	3
15A91A04A9	RT41048	RADAR SYSTEMS	27	49	3
15A91A04A9	RT4104A	OPTICAL COMMUNICATION	28	36	3
15A91A04A9	RT4104L	V L S I LAB	25	50	2
15A91A04A9	RT4104M	MICROWAVE ENGINEERING LAB	25	46	2
15A91A04B0	RT41041	VLSI DESIGN	22	28	3
15A91A04B0	RT41042	COMPUTER NETWORKS	25	40	3
15A91A04B0	RT41043	DIGITAL IMAGE PROCESSING	20	30	3
15A91A04B0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	46	3
15A91A04B0	RT41048	RADAR SYSTEMS	22	25	3
15A91A04B0	RT4104A	OPTICAL COMMUNICATION	26	45	3
15A91A04B0	RT4104L	V L S I LAB	21	39	2
15A91A04B0	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
15A91A04B1	RT41041	VLSI DESIGN	21	28	3
15A91A04B1	RT41042	COMPUTER NETWORKS	21	29	3
15A91A04B1	RT41043	DIGITAL IMAGE PROCESSING	18	12	0
15A91A04B1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	41	3
15A91A04B1	RT41048	RADAR SYSTEMS	21	32	3
15A91A04B1	RT4104A	OPTICAL COMMUNICATION	20	2	0
15A91A04B1	RT4104L	V L S I LAB	18	44	2
15A91A04B1	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
15A91A04B2	RT41041	VLSI DESIGN	24	33	3
	RT41042	COMPUTER NETWORKS	22	33	3
15A91A04B2	RT41043	DIGITAL IMAGE PROCESSING	19	11	0
15A91A04B2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	28	3
15A91A04B2	RT41048	RADAR SYSTEMS	20	25	3
15A91A04B2	RT4104A	OPTICAL COMMUNICATION	14	26	3
15A91A04B2	RT4104L	V L S I LAB	23	44	2
15A91A04B2	RT4104M	MICROWAVE ENGINEERING LAB	20	34	2
15A91A04B3	RT41041	VLSI DESIGN	19	29	3
15A91A04B3	RT41042	COMPUTER NETWORKS	19	37	3
15A91A04B3	RT41043	DIGITAL IMAGE PROCESSING	24	16	0
15A91A04B3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	49	3
15A91A04B3	RT41048	RADAR SYSTEMS	24	40	3
15A91A04B3	RT4104A	OPTICAL COMMUNICATION	21	27	3
15A91A04B3	RT4104L	V L S I LAB	22	40	2
15A91A04B3	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15A91A04B4	RT41041	VLSI DESIGN	21	24	3
15A91A04B4	RT41042	COMPUTER NETWORKS	24	47	3
15A91A04B4	RT41043	DIGITAL IMAGE PROCESSING	23	11	0
15A91A04B4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	52	3
15A91A04B4	RT41048	RADAR SYSTEMS	23	38	3
15A91A04B4	RT4104A	OPTICAL COMMUNICATION	20	39	3
15A91A04B4	RT4104L	V L S I LAB	21	47	2
15A91A04B4	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A04B5	RT41041	VLSI DESIGN	25	29	3
15A91A04B5	RT41042	COMPUTER NETWORKS	25	39	3
15A91A04B5	RT41043	DIGITAL IMAGE PROCESSING	25	14	0
15A91A04B5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	35	3
15A91A04B5	RT41048	RADAR SYSTEMS	27	48	3
15A91A04B5	RT4104A	OPTICAL COMMUNICATION	24	26	3
15A91A04B5	RT4104L	V L S I LAB	25	50	2
15A91A04B5	RT4104M	MICROWAVE ENGINEERING LAB	19	45	2
15A91A04B6	RT41041	VLSI DESIGN	23	33	3
15A91A04B6	RT41042	COMPUTER NETWORKS	20	29	3
15A91A04B6	RT41043	DIGITAL IMAGE PROCESSING	23	7	0
15A91A04B6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	38	3
15A91A04B6	RT41048	RADAR SYSTEMS	16	42	3
15A91A04B6	RT4104A	OPTICAL COMMUNICATION	22	17	0
15A91A04B6	RT4104L	V L S I LAB	22	34	2
15A91A04B6	RT4104M	MICROWAVE ENGINEERING LAB	10	-1	0
15A91A04B7	RT41041	VLSI DESIGN	24	39	3
15A91A04B7	RT41042	COMPUTER NETWORKS	22	47	3
15A91A04B7	RT41043	DIGITAL IMAGE PROCESSING	27	52	3
15A91A04B7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	61	3
15A91A04B7	RT41048	RADAR SYSTEMS	27	41	3
15A91A04B7	RT4104A	OPTICAL COMMUNICATION	27	31	3
15A91A04B7	RT4104L	V L S I LAB	23	49	2
15A91A04B7	RT4104M	MICROWAVE ENGINEERING LAB	24	43	2
15A91A04B8	RT41041	VLSI DESIGN	22	54	3
15A91A04B8	RT41042	COMPUTER NETWORKS	24	39	3
15A91A04B8	RT41043	DIGITAL IMAGE PROCESSING	24	8	0
15A91A04B8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	53	3
15A91A04B8	RT41048	RADAR SYSTEMS	28	30	3
15A91A04B8	RT4104A	OPTICAL COMMUNICATION	28	37	3
15A91A04B8	RT4104L	V L S I LAB	22	46	2
15A91A04B8	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
15A91A04B9	RT41041	VLSI DESIGN	25	29	3
15A91A04B9	RT41042	COMPUTER NETWORKS	23	29	3
15A91A04B9	RT41043	DIGITAL IMAGE PROCESSING	29	31	3
15A91A04B9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	47	3
15A91A04B9	RT41048	RADAR SYSTEMS	26	47	3
15A91A04B9	RT4104A	OPTICAL COMMUNICATION	24	26	3
15A91A04B9	RT4104L	V L S I LAB	25	49	2
15A91A04B9	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
15A91A04C0	RT41041	VLSI DESIGN	25	43	3
15A91A04C0	RT41042	COMPUTER NETWORKS	22	47	3
15A91A04C0	RT41043	DIGITAL IMAGE PROCESSING	29	37	3
15A91A04C0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	55	3
15A91A04C0	RT41048	RADAR SYSTEMS	30	43	3
15A91A04C0	RT4104A	OPTICAL COMMUNICATION	29	38	3
15A91A04C0	RT4104L	V L S I LAB	24	48	2
15A91A04C0	RT4104M	MICROWAVE ENGINEERING LAB	25	45	2
15A91A04C1	RT41041	VLSI DESIGN	23	39	3
15A91A04C1	RT41042	COMPUTER NETWORKS	22	40	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04C1	RT41043	DIGITAL IMAGE PROCESSING	20	32	3
15A91A04C1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	34	3
15A91A04C1	RT41048	RADAR SYSTEMS	20	40	3
15A91A04C1	RT4104A	OPTICAL COMMUNICATION	20	24	3
15A91A04C1	RT4104L	V L S I LAB	20	43	2
15A91A04C1	RT4104M	MICROWAVE ENGINEERING LAB	20	35	2
15A91A04C2	RT41041	VLSI DESIGN	25	45	3
15A91A04C2	RT41042	COMPUTER NETWORKS	26	40	3
15A91A04C2	RT41043	DIGITAL IMAGE PROCESSING	23	9	0
15A91A04C2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	42	3
15A91A04C2	RT41048	RADAR SYSTEMS	18	12	0
15A91A04C2	RT4104A	OPTICAL COMMUNICATION	25	32	3
15A91A04C2	RT4104L	V L S I LAB	25	39	2
15A91A04C2	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15A91A04C3	RT41041	VLSI DESIGN	21	12	0
15A91A04C3	RT41042	COMPUTER NETWORKS	24	31	3
15A91A04C3	RT41043	DIGITAL IMAGE PROCESSING	22	6	0
15A91A04C3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	38	3
15A91A04C3	RT41048	RADAR SYSTEMS	17	26	3
15A91A04C3	RT4104A	OPTICAL COMMUNICATION	24	26	3
15A91A04C3	RT4104L	V L S I LAB	23	46	2
15A91A04C3	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A91A04C4	RT41041	VLSI DESIGN	16	30	3
15A91A04C4	RT41042	COMPUTER NETWORKS	22	31	3
15A91A04C4	RT41043	DIGITAL IMAGE PROCESSING	20	4	0
15A91A04C4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	12	0
15A91A04C4	RT41048	RADAR SYSTEMS	15	25	3
	RT4104A	OPTICAL COMMUNICATION	20	24	3
15A91A04C4	RT4104L	V L S I LAB	20	29	2
15A91A04C4	RT4104M	MICROWAVE ENGINEERING LAB	20	33	2
15A91A04C5	RT41041	VLSI DESIGN	24	41	3
15A91A04C5	RT41042	COMPUTER NETWORKS	22	37	3
15A91A04C5	RT41043	DIGITAL IMAGE PROCESSING	24	28	3
15A91A04C5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	70	3
15A91A04C5	RT41048	RADAR SYSTEMS	20	46	3
15A91A04C5	RT4104A	OPTICAL COMMUNICATION	24	35	3
15A91A04C5	RT4104L	V L S I LAB	22	35	2
15A91A04C5	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A91A04C6	RT41041	VLSI DESIGN	20	38	3
15A91A04C6	RT41042	COMPUTER NETWORKS	22	42	3
15A91A04C6	RT41043	DIGITAL IMAGE PROCESSING	17	24	3
15A91A04C6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	55	3
15A91A04C6	RT41048	RADAR SYSTEMS	14	37	3
15A91A04C6	RT4104A	OPTICAL COMMUNICATION	17	36	3
15A91A04C6	RT4104L	V L S I LAB	23	37	2
15A91A04C6	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15A91A04C7	RT41041	VLSI DESIGN	19	24	3
15A91A04C7	RT41042	COMPUTER NETWORKS	22	29	3
15A91A04C7	RT41043	DIGITAL IMAGE PROCESSING	24	25	3
15A91A04C7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	31	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04C7	RT41048	RADAR SYSTEMS	18	25	3
15A91A04C7	RT4104A	OPTICAL COMMUNICATION	22	25	3
15A91A04C7	RT4104L	V L S I LAB	20	36	2
15A91A04C7	RT4104M	MICROWAVE ENGINEERING LAB	22	30	2
15A91A04C8	RT41041	VLSI DESIGN	20	33	3
15A91A04C8	RT41042	COMPUTER NETWORKS	16	31	3
15A91A04C8	RT41043	DIGITAL IMAGE PROCESSING	19	27	3
15A91A04C8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	29	3
15A91A04C8	RT41048	RADAR SYSTEMS	16	30	3
15A91A04C8	RT4104A	OPTICAL COMMUNICATION	24	24	3
15A91A04C8	RT4104L	V L S I LAB	21	42	2
15A91A04C8	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A91A04C9	RT41041	VLSI DESIGN	22	37	3
15A91A04C9	RT41042	COMPUTER NETWORKS	21	37	3
15A91A04C9	RT41043	DIGITAL IMAGE PROCESSING	23	36	3
15A91A04C9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	66	3
15A91A04C9	RT41048	RADAR SYSTEMS	20	44	3
15A91A04C9	RT4104A	OPTICAL COMMUNICATION	25	44	3
15A91A04C9	RT4104L	V L S I LAB	21	49	2
15A91A04C9	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A91A04D0	RT41041	VLSI DESIGN	21	45	3
15A91A04D0	RT41042	COMPUTER NETWORKS	21	30	3
15A91A04D0	RT41043	DIGITAL IMAGE PROCESSING	27	8	0
15A91A04D0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	44	3
15A91A04D0	RT41048	RADAR SYSTEMS	18	28	3
15A91A04D0	RT4104A	OPTICAL COMMUNICATION	22	38	3
15A91A04D0	RT4104L	VLSILAB	25	45	2
15A91A04D0	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
15A91A04D1	RT41041	VLSI DESIGN	21	16	0
15A91A04D1	RT41042	COMPUTER NETWORKS	23	34	3
15A91A04D1	RT41043	DIGITAL IMAGE PROCESSING	24	28	3
15A91A04D1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	35	3
15A91A04D1	RT41048	RADAR SYSTEMS	17	26	3
15A91A04D1	RT4104A	OPTICAL COMMUNICATION	25	29	3
15A91A04D1	RT4104L	VLSILAB	21	40	2
15A91A04D1	RT4104M	MICROWAVE ENGINEERING LAB	17	39	2
15A91A04D2	RT41041	VLSI DESIGN	16	16	0
15A91A04D2	RT41042	COMPUTER NETWORKS	23	34	3
15A91A04D2	RT41043	DIGITAL IMAGE PROCESSING	17	7	0
15A91A04D2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	10	0
15A91A04D2	RT41048	RADAR SYSTEMS	12	10	0
15A91A04D2	RT4104A	OPTICAL COMMUNICATION	13	8	0
15A91A04D2	RT4104L	V L S I LAB	22	41	2
15A91A04D2	RT4104L	MICROWAVE ENGINEERING LAB	20	44	2
15A91A04D3	RT410411	VLSI DESIGN	20	36	3
15A91A04D3	RT41041	COMPUTER NETWORKS	20	34	3
15A91A04D3	RT41042	DIGITAL IMAGE PROCESSING	25	34	3
15A91A04D3	RT41043	COMPUTER ARCHITECTURE AND ORGANIZATION	25	54	3
15A91A04D3	RT41044	RADAR SYSTEMS	18	40	3
15A91A04D3	RT41048	OPTICAL COMMUNICATION	20	24	3
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Htno	Subcode	Subname	Internal	External	Credits
15A91A04D3	RT4104L	V L S I LAB	24	43	2
15A91A04D3	RT4104M	MICROWAVE ENGINEERING LAB	20	37	2
15A91A04D4	RT41041	VLSI DESIGN	22	39	3
15A91A04D4	RT41042	COMPUTER NETWORKS	22	6	0
15A91A04D4	RT41043	DIGITAL IMAGE PROCESSING	26	11	0
15A91A04D4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	49	3
15A91A04D4	RT41048	RADAR SYSTEMS	18	30	3
15A91A04D4	RT4104A	OPTICAL COMMUNICATION	26	38	3
15A91A04D4	RT4104L	V L S I LAB	24	45	2
15A91A04D4	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15A91A04D5	RT41041	VLSI DESIGN	24	33	3
15A91A04D5	RT41042	COMPUTER NETWORKS	25	33	3
15A91A04D5	RT41043	DIGITAL IMAGE PROCESSING	26	24	3
15A91A04D5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	40	3
15A91A04D5	RT41048	RADAR SYSTEMS	14	34	3
15A91A04D5	RT4104A	OPTICAL COMMUNICATION	24	28	3
15A91A04D5	RT4104L	V L S I LAB	25	45	2
15A91A04D5	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15A91A04D6	RT41041	VLSI DESIGN	26	44	3
15A91A04D6	RT41042	COMPUTER NETWORKS	24	55	3
15A91A04D6	RT41043	DIGITAL IMAGE PROCESSING	28	43	3
15A91A04D6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	30	41	3
15A91A04D6	RT41048	RADAR SYSTEMS	24	53	3
15A91A04D6	RT4104A	OPTICAL COMMUNICATION	29	46	3
15A91A04D6	RT4104L	V L S I LAB	25	50	2
15A91A04D6	RT4104M	MICROWAVE ENGINEERING LAB	25	38	2
15A91A04D7	RT41041	VLSI DESIGN	17	27	3
15A91A04D7	RT41042	COMPUTER NETWORKS	21	26	3
15A91A04D7	RT41043	DIGITAL IMAGE PROCESSING	13	27	3
15A91A04D7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	48	3
15A91A04D7	RT41048	RADAR SYSTEMS	19	42	3
15A91A04D7	RT4104A	OPTICAL COMMUNICATION	22	11	0
15A91A04D7	RT4104L	V L S I LAB	22	36	2
15A91A04D7	RT4104M	MICROWAVE ENGINEERING LAB	19	37	2
15A91A04D8	RT41041	VLSI DESIGN	22	49	3
15A91A04D8	RT41042	COMPUTER NETWORKS	23	38	3
15A91A04D8	RT41043	DIGITAL IMAGE PROCESSING	26	15	0
15A91A04D8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	65	3
15A91A04D8	RT41048	RADAR SYSTEMS	16	34	3
15A91A04D8	RT4104A	OPTICAL COMMUNICATION	28	45	3
15A91A04D8	RT4104L	V L S I LAB	24	45	2
15A91A04D8	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15A91A04D9	RT41041	VLSI DESIGN	24	18	0
15A91A04D9	RT41042	COMPUTER NETWORKS	22	24	3
15A91A04D9	RT41043	DIGITAL IMAGE PROCESSING	22	15	0
15A91A04D9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	24	3
15A91A04D9	RT41048	RADAR SYSTEMS	16	32	3
15A91A04D9	RT4104A	OPTICAL COMMUNICATION	20	31	3
15A91A04D9	RT4104L	V L S I LAB	21	43	2
15A91A04D9	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A04E0	RT41041	VLSI DESIGN	19	38	3
15A91A04E0	RT41042	COMPUTER NETWORKS	22	40	3
15A91A04E0	RT41043	DIGITAL IMAGE PROCESSING	21	26	3
15A91A04E0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	36	3
15A91A04E0	RT41048	RADAR SYSTEMS	21	45	3
15A91A04E0	RT4104A	OPTICAL COMMUNICATION	20	32	3
15A91A04E0	RT4104L	V L S I LAB	24	42	2
15A91A04E0	RT4104M	MICROWAVE ENGINEERING LAB	23	39	2
15A91A04E1	RT41041	VLSI DESIGN	12	6	0
15A91A04E1	RT41042	COMPUTER NETWORKS	18	2	0
15A91A04E1	RT41043	DIGITAL IMAGE PROCESSING	17	0	0
15A91A04E1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	17	0
15A91A04E1	RT41048	RADAR SYSTEMS	8	0	0
15A91A04E1	RT4104A	OPTICAL COMMUNICATION	5	1	0
15A91A04E1	RT4104L	V L S I LAB	5	-1	0
15A91A04E1	RT4104M	MICROWAVE ENGINEERING LAB	0	-1	0
15A91A04E2	RT41041	VLSI DESIGN	21	34	3
15A91A04E2	RT41042	COMPUTER NETWORKS	20	25	3
15A91A04E2	RT41043	DIGITAL IMAGE PROCESSING	18	10	0
15A91A04E2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	24	3
15A91A04E2	RT41048	RADAR SYSTEMS	14	26	3
15A91A04E2	RT4104A	OPTICAL COMMUNICATION	21	28	3
15A91A04E2	RT4104L	V L S I LAB	23	41	2
15A91A04E2	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
15A91A04E3	RT41041	VLSI DESIGN	16	12	0
15A91A04E3	RT41042	COMPUTER NETWORKS	15	9	0
15A91A04E3	RT41043	DIGITAL IMAGE PROCESSING	11	8	0
15A91A04E3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	26	3
15A91A04E3	RT41048	RADAR SYSTEMS	3	18	0
15A91A04E3	RT4104A	OPTICAL COMMUNICATION	11	4	0
15A91A04E3	RT4104L	V L S I LAB	5	-1	0
15A91A04E3	RT4104M	MICROWAVE ENGINEERING LAB	2	-1	0
15A91A04E4	RT41041	VLSI DESIGN	22	24	3
15A91A04E4	RT41042	COMPUTER NETWORKS	19	28	3
15A91A04E4	RT41043	DIGITAL IMAGE PROCESSING	22	5	0
15A91A04E4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	24	3
15A91A04E4	RT41048	RADAR SYSTEMS	16	28	3
15A91A04E4	RT4104A	OPTICAL COMMUNICATION	20	30	3
15A91A04E4	RT4104L	V L S I LAB	21	34	2
15A91A04E4	RT4104M	MICROWAVE ENGINEERING LAB	20	32	2
15A91A04E5	RT41041	VLSI DESIGN	24	43	3
15A91A04E5	RT41042	COMPUTER NETWORKS	23	53	3
15A91A04E5	RT41043	DIGITAL IMAGE PROCESSING	29	51	3
15A91A04E5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	30	70	3
15A91A04E5	RT41048	RADAR SYSTEMS	23	52	3
15A91A04E5	RT4104A	OPTICAL COMMUNICATION	28	50	3
15A91A04E5	RT4104L	V L S I LAB	25	50	2
15A91A04E5	RT4104M	MICROWAVE ENGINEERING LAB	24	40	2
15A91A04E6	RT41041	VLSI DESIGN	15	40	3
15A91A04E6	RT41042	COMPUTER NETWORKS	16	35	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04E6	RT41043	DIGITAL IMAGE PROCESSING	15	16	0
15A91A04E6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	41	3
15A91A04E6	RT41048	RADAR SYSTEMS	15	44	3
15A91A04E6	RT4104A	OPTICAL COMMUNICATION	10	33	3
15A91A04E6	RT4104L	V L S I LAB	22	39	2
15A91A04E6	RT4104M	MICROWAVE ENGINEERING LAB	18	35	2
15A91A04E7	RT41041	VLSI DESIGN	21	39	3
15A91A04E7	RT41042	COMPUTER NETWORKS	22	44	3
15A91A04E7	RT41043	DIGITAL IMAGE PROCESSING	26	27	3
15A91A04E7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	43	3
15A91A04E7	RT41048	RADAR SYSTEMS	19	44	3
15A91A04E7	RT4104A	OPTICAL COMMUNICATION	23	37	3
15A91A04E7	RT4104L	V L S I LAB	24	50	2
15A91A04E7	RT4104M	MICROWAVE ENGINEERING LAB	25	46	2
15A91A04E8	RT41041	VLSI DESIGN	24	46	3
15A91A04E8	RT41042	COMPUTER NETWORKS	24	32	3
15A91A04E8	RT41043	DIGITAL IMAGE PROCESSING	24	31	3
15A91A04E8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	32	3
15A91A04E8	RT41048	RADAR SYSTEMS	21	38	3
15A91A04E8	RT4104A	OPTICAL COMMUNICATION	22	35	3
15A91A04E8	RT4104L	V L S I LAB	24	46	2
15A91A04E8	RT4104M	MICROWAVE ENGINEERING LAB	21	43	2
15A91A04E9	RT41041	VLSI DESIGN	22	41	3
15A91A04E9	RT41042	COMPUTER NETWORKS	22	37	3
15A91A04E9	RT41043	DIGITAL IMAGE PROCESSING	24	41	3
15A91A04E9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	61	3
15A91A04E9	RT41048	RADAR SYSTEMS	19	47	3
15A91A04E9	RT4104A	OPTICAL COMMUNICATION	23	43	3
15A91A04E9	RT4104L	VLSILAB	22	41	2
15A91A04E9	RT4104M	MICROWAVE ENGINEERING LAB	21	41	2
15A91A04F0	RT41041	VLSI DESIGN	22	40	3
15A91A04F0	RT41042	COMPUTER NETWORKS	20	32	3
15A91A04F0	RT41043	DIGITAL IMAGE PROCESSING	22	31	3
15A91A04F0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	38	3
15A91A04F0	RT41048	RADAR SYSTEMS	17	27	3
15A91A04F0	RT4104A	OPTICAL COMMUNICATION	19	40	3
15A91A04F0	RT4104L	V L S I LAB	24	43	2
15A91A04F0	RT4104M	MICROWAVE ENGINEERING LAB	24	50	2
15A91A04F1	RT41041	VLSI DESIGN	17	17	0
15A91A04F1	RT41042	COMPUTER NETWORKS	21	27	3
15A91A04F1	RT41043	DIGITAL IMAGE PROCESSING	22	17	0
15A91A04F1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	25	3
15A91A04F1	RT41048	RADAR SYSTEMS	17	40	3
15A91A04F1	RT4104A	OPTICAL COMMUNICATION	19	37	3
15A91A04F1	RT4104L	V L S I LAB	22	40	2
15A91A04F1	RT4104M	MICROWAVE ENGINEERING LAB	22	30	2
15A91A04F2	RT41041	VLSI DESIGN	25	44	3
15A91A04F2	RT41042	COMPUTER NETWORKS	23	45	3
15A91A04F2	RT41043	DIGITAL IMAGE PROCESSING	27	24	3
15A91A04F2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	57	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04F2	RT41048	RADAR SYSTEMS	20	47	3
15A91A04F2	RT4104A	OPTICAL COMMUNICATION	26	51	3
15A91A04F2	RT4104L	V L S I LAB	23	45	2
15A91A04F2	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
15A91A04F3	RT41041	VLSI DESIGN	24	31	3
15A91A04F3	RT41042	COMPUTER NETWORKS	27	40	3
15A91A04F3	RT41043	DIGITAL IMAGE PROCESSING	22	50	3
15A91A04F3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	67	3
15A91A04F3	RT41048	RADAR SYSTEMS	20	43	3
15A91A04F3	RT4104A	OPTICAL COMMUNICATION	25	51	3
15A91A04F3	RT4104L	V L S I LAB	24	45	2
15A91A04F3	RT4104M	MICROWAVE ENGINEERING LAB	24	50	2
15A91A04F4	RT41041	VLSI DESIGN	20	32	3
15A91A04F4	RT41042	COMPUTER NETWORKS	22	47	3
15A91A04F4	RT41043	DIGITAL IMAGE PROCESSING	21	8	0
15A91A04F4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	46	3
15A91A04F4	RT41048	RADAR SYSTEMS	20	29	3
15A91A04F4	RT4104A	OPTICAL COMMUNICATION	24	31	3
15A91A04F4	RT4104L	V L S I LAB	20	40	2
15A91A04F4	RT4104M	MICROWAVE ENGINEERING LAB	21	43	2
15A91A04F5	RT41041	VLSI DESIGN	24	24	3
15A91A04F5	RT41042	COMPUTER NETWORKS	23	30	3
15A91A04F5	RT41043	DIGITAL IMAGE PROCESSING	25	28	3
15A91A04F5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	40	3
15A91A04F5	RT41048	RADAR SYSTEMS	19	41	3
15A91A04F5	RT4104A	OPTICAL COMMUNICATION	26	48	3
15A91A04F5	RT4104L	V L S I LAB	24	45	2
15A91A04F5	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15A91A04F6	RT41041	VLSI DESIGN	18	35	3
15A91A04F6	RT41042	COMPUTER NETWORKS	18	40	3
15A91A04F6	RT41043	DIGITAL IMAGE PROCESSING	22	6	0
15A91A04F6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	37	3
15A91A04F6	RT41048	RADAR SYSTEMS	18	45	3
15A91A04F6	RT4104A	OPTICAL COMMUNICATION	24	37	3
15A91A04F6	RT4104L	V L S I LAB	22	40	2
15A91A04F6	RT4104M	MICROWAVE ENGINEERING LAB	17	39	2
15A91A04F7	RT41041	VLSI DESIGN	20	39	3
15A91A04F7	RT41042	COMPUTER NETWORKS	24	31	3
15A91A04F7	RT41043	DIGITAL IMAGE PROCESSING	28	45	3
15A91A04F7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	62	3
15A91A04F7	RT41048	RADAR SYSTEMS	20	43	3
15A91A04F7	RT4104A	OPTICAL COMMUNICATION	21	39	3
15A91A04F7	RT4104L	V L S I LAB	24	45	2
15A91A04F7	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A91A04F8	RT41041	VLSI DESIGN	22	42	3
15A91A04F8	RT41042	COMPUTER NETWORKS	20	39	3
15A91A04F8	RT41043	DIGITAL IMAGE PROCESSING	21	16	0
15A91A04F8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	44	3
15A91A04F8	RT41048	RADAR SYSTEMS	17	29	3
15A91A04F8	RT4104A	OPTICAL COMMUNICATION	21	36	3

15A91A04F8	Htno	rnal Cre	Internal	Credits
15A91A04F8 RT4104M MICROWAVE ENGINEERING LAB 20 30 2 15A91A04F9 RT41041 VLSI DESIGN 23 38 3 3 3 3 3 3 3 3	15A91A04F8	2	22	2
15A91A04F9 RT41041 VLSI DESIGN 23 38 3 3 3 3 3 3 3 3				
15A91A04F9 RT41042 COMPUTER NETWORKS 25 35 3 3 15A91A04F9 RT41043 DIGITAL IMAGE PROCESSING 25 39 3 3 15A91A04F9 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 46 3 3 15A91A04F9 RT4104A COMPUTER ARCHITECTURE AND ORGANIZATION 27 39 3 3 15A91A04F9 RT4104A OPTICAL COMMUNICATION 27 39 3 3 15A91A04F9 RT4104M V.L. S. I.L. B.				
15A91A04F9 RT41043 DIGITAL IMAGE PROCESSING 25 39 3 15A91A04F9 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 46 3 3 15A91A04F9 RT4104B RADAR SYSTEMS 21 42 3 3 15A91A04F9 RT4104B RADAR SYSTEMS 27 39 3 3 15A91A04F9 RT4104L V.L.S.I.LAB 23 50 2 15A91A04F9 RT4104L V.L.S.I.LAB 23 50 2 15A91A04F9 RT4104L V.L.S.I.DESIGN 23 47 3 3 3 3 3 3 3 3 3				
15A91A04F9				
15A91A04F9				
15A91A04F9				
15A91A04F9 RT4104L V L S I LAB 23 50 2 15A91A04F9 RT4104M MICROWAVE ENGINEERING LAB 25 50 2 15A91A04G0 RT41041 VLSI DESIGN 23 47 3 15A91A04G0 RT41042 COMPUTER NETWORKS 23 38 3 15A91A04G0 RT41043 DIGITAL IMAGE PROCESSING 25 26 3 15A91A04G0 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 26 46 3 15A91A04G0 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 26 46 3 15A91A04G0 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 26 42 3 15A91A04G0 RT4104L V L S I LAB 25 50 2 15A91A04G1 RT41044 VLSI DESIGN 21 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 27 3 15A91A04G1 RT41044 COMPUTER NETWORKS 20 27 3	15A91A04F9		27	
15A91A04GO RT41041 VLSI DESIGN 23 47 3 15A91A04GO RT41042 COMPUTER NETWORKS 23 38 3 15A91A04GO RT41043 DIGITAL IMAGE PROCESSING 25 26 3 15A91A04GO RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 26 46 3 15A91A04GO RT41048 RADAR SYSTEMS 22 42 3 15A91A04GO RT4104A OPTICAL COMMUNICATION 24 31 3 15A91A04GO RT4104U V L S I LAB 25 50 2 15A91A04GO RT4104U VLSI DESIGN 21 27 3 15A91A04GI RT41041 VLSI DESIGN 21 27 3 15A91A04GI RT41042 COMPUTER NETWORKS 20 27 3 15A91A04GI RT41043 DIGITAL IMAGE PROCESSING 20 42 3 15A91A04GI RT41044 COMPUTER NETWORKS 20 27 3 15A91A04GI	15A91A04F9	2	23	2
15A91A04G0 RT41042 COMPUTER NETWORKS 23 38 3 15A91A04G0 RT41043 DIGITAL IMAGE PROCESSING 25 26 3 15A91A04G0 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 26 46 3 15A91A04G0 RT4104B RADAR SYSTEMS 22 42 3 15A91A04G0 RT4104L V L S I LAB 25 50 2 15A91A04G0 RT4104L V L S I LAB 25 50 2 15A91A04G0 RT4104M MICROWAVE ENGINEERING LAB 24 48 2 15A91A04G1 RT41041 VLSI DESIGN 21 27 3 15A91A04G1 RT41042 COMPUTER NETWORKS 20 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 27 3 15A91A04G1 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A04G1 RT4104A OPTICAL COMMUNICATION 21 43 2 <t< td=""><td></td><td>2</td><td></td><td>2</td></t<>		2		2
15A91A04G0 RT41042 COMPUTER NETWORKS 23 38 3 15A91A04G0 RT41043 DIGITAL IMAGE PROCESSING 25 26 3 15A91A04G0 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 26 46 3 15A91A04G0 RT4104B RADAR SYSTEMS 22 42 3 15A91A04G0 RT4104L OPTICAL COMMUNICATION 24 31 3 15A91A04G0 RT4104L V L S I LAB 25 50 2 15A91A04G0 RT4104M MICROWAVE ENGINEERING LAB 24 48 2 15A91A04G1 RT41041 VLSI DESIGN 21 27 3 15A91A04G1 RT41042 COMPUTER NETWORKS 20 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 27 3 15A91A04G1 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A04G1 RT4104A OPTICAL COMMUNICATION 21 43 2 </td <td></td> <td>3</td> <td></td> <td>3</td>		3		3
15A91A04G0 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 26 46 3 15A91A04G0 RT41048 RADAR SYSTEMS 22 42 3 15A91A04G0 RT4104A OPTICAL COMMUNICATION 24 31 3 15A91A04G0 RT4104L V L S I LAB 25 50 2 15A91A04G0 RT4104M MICROWAVE ENGINEERING LAB 24 48 2 15A91A04G1 RT41041 VLSI DESIGN 21 27 3 15A91A04G1 RT41042 COMPUTER NETWORKS 20 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 42 3 15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT41044 OPTICAL COMMUNICATION 21 43 2 15A91A04G2 RT41044 VL S I LAB 23 46 2 15A91A04G2				
15A91A04G0 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 26 46 3 15A91A04G0 RT41048 RADAR SYSTEMS 22 42 3 15A91A04G0 RT4104A OPTICAL COMMUNICATION 24 31 3 15A91A04G0 RT4104L V L S I LAB 25 50 2 15A91A04G0 RT4104M MICROWAVE ENGINEERING LAB 24 48 2 15A91A04G1 RT41041 VLSI DESIGN 21 27 3 15A91A04G1 RT41042 COMPUTER NETWORKS 20 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 42 3 15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT41044 OPTICAL COMMUNICATION 21 43 2 15A91A04G2 RT41044 VL S I LAB 23 46 2 15A91A04G2				
15A91A04G0 RT4104A OPTICAL COMMUNICATION 24 31 3 15A91A04G0 RT4104L V L S I LAB 25 50 2 15A91A04G0 RT4104M MICROWAVE ENGINEERING LAB 24 48 2 15A91A04G1 RT41041 VLSI DESIGN 21 27 3 15A91A04G1 RT41042 COMPUTER NETWORKS 20 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 42 3 15A91A04G1 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A04G1 RT4104A POPTICAL COMMUNICATION 21 43 3 15A91A04G1 RT4104L V L S I LAB 24 43 2 15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 23 46 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0	15A91A04G0			
15A91A04G0 RT4104A OPTICAL COMMUNICATION 24 31 3 15A91A04G0 RT4104L V L S I LAB 25 50 2 15A91A04G0 RT4104M MICROWAVE ENGINEERING LAB 24 48 2 15A91A04G1 RT41041 VLSI DESIGN 21 27 3 15A91A04G1 RT41042 COMPUTER NETWORKS 20 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 42 3 15A91A04G1 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A04G1 RT4104A POPTICAL COMMUNICATION 21 43 3 15A91A04G1 RT4104L V L S I LAB 24 43 2 15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 23 46 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0				
15A91A04G0 RT4104M MICROWAVE ENGINEERING LAB 24 48 2 15A91A04G1 RT41041 VLSI DESIGN 21 27 3 15A91A04G1 RT41042 COMPUTER NETWORKS 20 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 42 3 15A91A04G1 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT4104A OPTICAL COMMUNICATION 21 43 3 15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 24 43 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 <				
15A91A04G0 RT4104M MICROWAVE ENGINEERING LAB 24 48 2 15A91A04G1 RT41041 VLSI DESIGN 21 27 3 15A91A04G1 RT41042 COMPUTER NETWORKS 20 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 42 3 15A91A04G1 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT4104A OPTICAL COMMUNICATION 21 43 3 15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 24 43 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 <				
15A91A04G1 RT41041 VLSI DESIGN 21 27 3 15A91A04G1 RT41042 COMPUTER NETWORKS 20 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 42 3 15A91A04G1 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT4104A OPTICAL COMMUNICATION 21 43 3 15A91A04G1 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 23 46 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 <td></td> <td></td> <td></td> <td></td>				
15A91A04G1 RT41042 COMPUTER NETWORKS 20 27 3 15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 42 3 15A91A04G1 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT4104A OPTICAL COMMUNICATION 21 43 3 15A91A04G1 RT4104L V L S I LAB 24 43 2 15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 23 46 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2				
15A91A04G1 RT41043 DIGITAL IMAGE PROCESSING 20 42 3 15A91A04G1 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT4104A OPTICAL COMMUNICATION 21 43 3 15A91A04G1 RT4104L V L S I LAB 24 43 2 15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 23 46 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT4104B RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 24 43		3		3
15A91A04G1 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 25 55 3 15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT4104A OPTICAL COMMUNICATION 21 43 3 15A91A04G1 RT4104L V L S I LAB 24 43 2 15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 23 46 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT4104B RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 <td></td> <td></td> <td></td> <td></td>				
15A91A04G1 RT41048 RADAR SYSTEMS 15 49 3 15A91A04G1 RT4104A OPTICAL COMMUNICATION 21 43 3 15A91A04G1 RT4104L V L S I LAB 24 43 2 15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 23 46 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT4104B RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 VLSI DESIGN 18 14 0 <td></td> <td></td> <td></td> <td></td>				
15A91A04G1 RT4104A OPTICAL COMMUNICATION 21 43 3 15A91A04G1 RT4104L V L S I LAB 24 43 2 15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 23 46 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT4104B RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 V LSI DESIGN 18 14 0				
15A91A04G1 RT4104L V L S I LAB 24 43 2 15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 23 46 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 VLSI DESIGN 18 14 0				
15A91A04G1 RT4104M MICROWAVE ENGINEERING LAB 23 46 2 15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 VLSI DESIGN 18 14 0				
15A91A04G2 RT41041 VLSI DESIGN 14 28 3 15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 VLSI DESIGN 18 14 0				
15A91A04G2 RT41042 COMPUTER NETWORKS 19 34 3 15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 VLSI DESIGN 18 14 0				
15A91A04G2 RT41043 DIGITAL IMAGE PROCESSING 18 5 0 15A91A04G2 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 VLSI DESIGN 18 14 0	15A91A04G2		19	_
15A91A04G2 RT41048 RADAR SYSTEMS 12 8 0 15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 VLSI DESIGN 18 14 0		0		0
15A91A04G2 RT4104A OPTICAL COMMUNICATION 19 28 3 15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 VLSI DESIGN 18 14 0	15A91A04G2	3	18	3
15A91A04G2 RT4104L V L S I LAB 24 43 2 15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 VLSI DESIGN 18 14 0	15A91A04G2	0	12	0
15A91A04G2 RT4104M MICROWAVE ENGINEERING LAB 22 47 2 15A91A04G3 RT41041 VLSI DESIGN 18 14 0	15A91A04G2	3	19	3
15A91A04G3 RT41041 VLSI DESIGN 18 14 0	15A91A04G2	2	24	2
	15A91A04G2	2	22	2
	15A91A04G3	0	18	0
15A91A04G3	15A91A04G3	3	24	3
15A91A04G3 RT41043 DIGITAL IMAGE PROCESSING 15 33 3	15A91A04G3	3	15	3
15A91A04G3 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 20 33 3	15A91A04G3	3	20	3
15A91A04G3 RT41048 RADAR SYSTEMS 12 44 3	15A91A04G3	3	12	3
15A91A04G3 RT4104A OPTICAL COMMUNICATION 21 49 3	15A91A04G3	3	21	3
15A91A04G3 RT4104L V L S I LAB 23 45 2	15A91A04G3	2	23	2
15A91A04G3 RT4104M MICROWAVE ENGINEERING LAB 22 50 2	15A91A04G3	2	22	2
15A91A04G4 RT41041 VLSI DESIGN 18 47 3	15A91A04G4	3	18	3
15A91A04G4 RT41042 COMPUTER NETWORKS 23 40 3	15A91A04G4	3	23	3
15A91A04G4 RT41043 DIGITAL IMAGE PROCESSING 22 36 3	15A91A04G4	3	22	3
15A91A04G4 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 19 41 3	15A91A04G4	3	19	3
15A91A04G4 RT41048 RADAR SYSTEMS 15 38 3	15A91A04G4	3	15	3
15A91A04G4 RT4104A OPTICAL COMMUNICATION 26 44 3	15A91A04G4	3	26	3
15A91A04G4 RT4104L V L S I LAB 23 43 2	15A91A04G4	2	23	2
15A91A04G4 RT4104M MICROWAVE ENGINEERING LAB 25 43 2	15A91A04G4	2	25	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A04G5	RT41041	VLSI DESIGN	17	32	3
15A91A04G5	RT41042	COMPUTER NETWORKS	19	33	3
15A91A04G5	RT41043	DIGITAL IMAGE PROCESSING	21	38	3
15A91A04G5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	66	3
15A91A04G5	RT41048	RADAR SYSTEMS	17	44	3
15A91A04G5	RT4104A	OPTICAL COMMUNICATION	24	26	3
15A91A04G5	RT4104L	V L S I LAB	23	42	2
15A91A04G5	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A91A04G6	RT41041	VLSI DESIGN	18	19	0
15A91A04G6	RT41042	COMPUTER NETWORKS	25	24	3
15A91A04G6	RT41043	DIGITAL IMAGE PROCESSING	21	24	3
15A91A04G6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	35	3
15A91A04G6	RT41048	RADAR SYSTEMS	11	29	3
15A91A04G6	RT4104A	OPTICAL COMMUNICATION	21	35	3
15A91A04G6	RT4104L	V L S I LAB	18	-1	0
15A91A04G6	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
15A91A04G7	RT41041	VLSI DESIGN	18	17	0
15A91A04G7	RT41042	COMPUTER NETWORKS	23	30	3
15A91A04G7	RT41043	DIGITAL IMAGE PROCESSING	24	29	3
15A91A04G7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	38	3
15A91A04G7	RT41048	RADAR SYSTEMS	13	31	3
15A91A04G7	RT4104A	OPTICAL COMMUNICATION	16	30	3
15A91A04G7	RT4104L	V L S I LAB	23	43	2
15A91A04G7	RT4104M	MICROWAVE ENGINEERING LAB	22	50	2
15A91A04G8	RT41041	VLSI DESIGN	17	32	3
15A91A04G8	RT41042	COMPUTER NETWORKS	25	27	3
15A91A04G8	RT41043	DIGITAL IMAGE PROCESSING	15	34	3
15A91A04G8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	19	0
15A91A04G8	RT41048	RADAR SYSTEMS	8	32	3
15A91A04G8	RT4104A	OPTICAL COMMUNICATION	20	26	3
15A91A04G8	RT4104L	V L S I LAB	22	45	2
15A91A04G8	RT4104M	MICROWAVE ENGINEERING LAB	21	47	2
15A91A04H0	RT41041	VLSI DESIGN	17	28	3
15A91A04H0	RT41042	COMPUTER NETWORKS	21	29	3
15A91A04H0	RT41043	DIGITAL IMAGE PROCESSING	20	32	3
15A91A04H0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	8	55	3
15A91A04H0	RT41048	RADAR SYSTEMS	4	45	3
15A91A04H0	RT4104A	OPTICAL COMMUNICATION	10	42	3
15A91A04H0	RT4104L	V L S I LAB	22	42	2
15A91A04H0	RT4104M	MICROWAVE ENGINEERING LAB	20	48	2
15A91A04H1	RT41041	VLSI DESIGN	21	-1	0
15A91A04H1	RT41042	COMPUTER NETWORKS	23	-1	0
15A91A04H1	RT41043	DIGITAL IMAGE PROCESSING	24	13	0
15A91A04H1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	38	3
15A91A04H1	RT41048	RADAR SYSTEMS	17	30	3
15A91A04H1	RT4104A	OPTICAL COMMUNICATION	22	45	3
15A91A04H1	RT4104L	V L S I LAB	23	45	2
15A91A04H1	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A91A04H2	RT41041	VLSI DESIGN	23	38	3
15A91A04H2	RT41042	COMPUTER NETWORKS	26	42	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04H2	RT41043	DIGITAL IMAGE PROCESSING	25	29	3
15A91A04H2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	42	3
15A91A04H2	RT41048	RADAR SYSTEMS	20	41	3
15A91A04H2	RT4104A	OPTICAL COMMUNICATION	26	49	3
15A91A04H2	RT4104L	V L S I LAB	24	50	2
15A91A04H2	RT4104M	MICROWAVE ENGINEERING LAB	24	50	2
15A91A04H3	RT41041	VLSI DESIGN	21	44	3
15A91A04H3	RT41042	COMPUTER NETWORKS	25	45	3
15A91A04H3	RT41043	DIGITAL IMAGE PROCESSING	22	33	3
15A91A04H3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	50	3
15A91A04H3	RT41048	RADAR SYSTEMS	16	39	3
15A91A04H3	RT4104A	OPTICAL COMMUNICATION	26	42	3
15A91A04H3	RT4104L	V L S I LAB	23	45	2
15A91A04H3	RT4104M	MICROWAVE ENGINEERING LAB	22	48	2
15A91A04H4	RT41041	VLSI DESIGN	24	34	3
15A91A04H4	RT41042	COMPUTER NETWORKS	24	31	3
15A91A04H4	RT41043	DIGITAL IMAGE PROCESSING	26	47	3
15A91A04H4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	61	3
15A91A04H4	RT41048	RADAR SYSTEMS	18	49	3
15A91A04H4	RT4104A	OPTICAL COMMUNICATION	24	40	3
15A91A04H4	RT4104L	V L S I LAB	25	46	2
15A91A04H4	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A04H5	RT41041	VLSI DESIGN	26	39	3
15A91A04H5	RT41042	COMPUTER NETWORKS	23	33	3
15A91A04H5	RT41043	DIGITAL IMAGE PROCESSING	22	16	0
15A91A04H5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	49	3
15A91A04H5	RT41048	RADAR SYSTEMS	21	31	3
15A91A04H5	RT4104A	OPTICAL COMMUNICATION	22	43	3
15A91A04H5	RT4104L	V L S I LAB	23	45	2
15A91A04H5	RT4104M	MICROWAVE ENGINEERING LAB	25	48	2
15A91A04H6	RT41041	VLSI DESIGN	17	2	0
15A91A04H6	RT41042	COMPUTER NETWORKS	23	17	0
15A91A04H6	RT41043	DIGITAL IMAGE PROCESSING	13	0	0
15A91A04H6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	24	3
15A91A04H6	RT41048	RADAR SYSTEMS	13	16	0
15A91A04H6	RT4104A	OPTICAL COMMUNICATION	13	2	0
15A91A04H6	RT4104L	V L S I LAB	21	38	2
15A91A04H6	RT4104M	MICROWAVE ENGINEERING LAB	15	34	2
15A91A04H7	RT41041	VLSI DESIGN	22	31	3
15A91A04H7	RT41042	COMPUTER NETWORKS	24	38	3
15A91A04H7	RT41043	DIGITAL IMAGE PROCESSING	25	26	3
15A91A04H7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	43	3
15A91A04H7	RT41048	RADAR SYSTEMS	17	31	3
15A91A04H7	RT4104A	OPTICAL COMMUNICATION	20	32	3
15A91A04H7	RT4104L	V L S I LAB	23	45	2
15A91A04H7	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15A91A04H8	RT41041	VLSI DESIGN	27	37	3
15A91A04H8	RT41042	COMPUTER NETWORKS	23	45	3
15A91A04H8	RT41043	DIGITAL IMAGE PROCESSING	27	34	3
15A91A04H8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	70	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04H8	RT41048	RADAR SYSTEMS	21	46	3
15A91A04H8	RT4104A	OPTICAL COMMUNICATION	23	53	3
15A91A04H8	RT4104L	V L S I LAB	25	43	2
15A91A04H8	RT4104M	MICROWAVE ENGINEERING LAB	25	42	2
15A91A04H9	RT41041	VLSI DESIGN	23	46	3
15A91A04H9	RT41042	COMPUTER NETWORKS	23	43	3
15A91A04H9	RT41043	DIGITAL IMAGE PROCESSING	23	35	3
15A91A04H9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	54	3
15A91A04H9	RT41048	RADAR SYSTEMS	17	37	3
15A91A04H9	RT4104A	OPTICAL COMMUNICATION	25	59	3
15A91A04H9	RT4104L	V L S I LAB	23	45	2
15A91A04H9	RT4104M	MICROWAVE ENGINEERING LAB	25	43	2
15A91A04I0	RT41041	VLSI DESIGN	21	24	3
15A91A04I0	RT41042	COMPUTER NETWORKS	24	38	3
15A91A04I0	RT41043	DIGITAL IMAGE PROCESSING	25	29	3
15A91A04I0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	40	3
15A91A04I0	RT41048	RADAR SYSTEMS	18	47	3
15A91A04I0	RT4104A	OPTICAL COMMUNICATION	25	46	3
15A91A04I0	RT4104L	V L S I LAB	22	45	2
15A91A04I0	RT4104M	MICROWAVE ENGINEERING LAB	21	49	2
15A91A04I1	RT41041	VLSI DESIGN	18	26	3
15A91A04I1	RT41042	COMPUTER NETWORKS	20	25	3
15A91A04I1	RT41043	DIGITAL IMAGE PROCESSING	23	27	3
15A91A04I1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	15	0
15A91A04I1	RT41048	RADAR SYSTEMS	18	34	3
15A91A04I1	RT4104A	OPTICAL COMMUNICATION	18	24	3
15A91A04I1	RT4104L	V L S I LAB	22	40	2
15A91A04I1	RT4104M	MICROWAVE ENGINEERING LAB	21	41	2
15A91A04I2	RT41041	VLSI DESIGN	23	43	3
15A91A04I2	RT41042	COMPUTER NETWORKS	22	40	3
15A91A04I2	RT41043	DIGITAL IMAGE PROCESSING	24	46	3
15A91A04I2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	68	3
15A91A04I2	RT41048	RADAR SYSTEMS	26	50	3
15A91A04I2	RT4104A	OPTICAL COMMUNICATION	25	46	3
15A91A04I2	RT4104L	V L S I LAB	23	50	2
15A91A04I2	RT4104M	MICROWAVE ENGINEERING LAB	25	48	2
15A91A04I3	RT41041	VLSI DESIGN	21	41	3
15A91A04I3	RT41042	COMPUTER NETWORKS	19	41	3
15A91A04I3	RT41043	DIGITAL IMAGE PROCESSING	27	36	3
15A91A04I3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	48	3
15A91A04I3	RT41048	RADAR SYSTEMS	20	31	3
15A91A04I3	RT4104A	OPTICAL COMMUNICATION	25	31	3
15A91A04I3	RT4104L	V L S I LAB	21	43	2
15A91A04I3	RT4104M	MICROWAVE ENGINEERING LAB	25	36	2
15A91A04I4	RT41041	VLSI DESIGN	19	15	0
15A91A04I4	RT41042	COMPUTER NETWORKS	22	40	3
15A91A04I4	RT41043	DIGITAL IMAGE PROCESSING	26	29	3
15A91A04I4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	34	3
15A91A04I4	RT41048	RADAR SYSTEMS	15	46	3
15A91A04I4	RT4104A	OPTICAL COMMUNICATION	25	13	0

Htno	Subcode	Subname	Internal	External	Credits
15A91A04I4	RT4104L	V L S I LAB	23	38	2
15A91A04I4	RT4104M	MICROWAVE ENGINEERING LAB	16	47	2
15A91A04I5	RT41041	VLSI DESIGN	17	24	3
15A91A04I5	RT41042	COMPUTER NETWORKS	18	32	3
15A91A04I5	RT41043	DIGITAL IMAGE PROCESSING	15	13	0
15A91A04I5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	29	3
15A91A04I5	RT41048	RADAR SYSTEMS	16	13	0
15A91A04I5	RT4104A	OPTICAL COMMUNICATION	15	16	0
15A91A04I5	RT4104L	V L S I LAB	22	46	2
15A91A04I5	RT4104M	MICROWAVE ENGINEERING LAB	20	50	2
15A91A04I6	RT41041	VLSI DESIGN	25	32	3
15A91A04I6	RT41042	COMPUTER NETWORKS	24	31	3
15A91A04I6	RT41043	DIGITAL IMAGE PROCESSING	23	43	3
15A91A04I6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	61	3
15A91A04I6	RT41048	RADAR SYSTEMS	22	50	3
15A91A04I6	RT4104A	OPTICAL COMMUNICATION	25	48	3
15A91A04I6	RT4104L	V L S I LAB	25	47	2
15A91A04I6	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
15A91A04I7	RT41041	VLSI DESIGN	24	31	3
15A91A04I7	RT41042	COMPUTER NETWORKS	22	34	3
15A91A04I7	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
15A91A04I7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	44	3
15A91A04I7	RT41048	RADAR SYSTEMS	19	27	3
15A91A04I7	RT4104A	OPTICAL COMMUNICATION	25	34	3
15A91A04I7	RT4104L	V L S I LAB	24	46	2
15A91A04I7	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A91A04I8	RT41041	VLSI DESIGN	23	38	3
15A91A04I8	RT41042	COMPUTER NETWORKS	22	38	3
15A91A04I8	RT41043	DIGITAL IMAGE PROCESSING	25	42	3
15A91A04I8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	39	3
15A91A04I8	RT41048	RADAR SYSTEMS	23	51	3
15A91A04I8	RT4104A	OPTICAL COMMUNICATION	28	29	3
15A91A04I8	RT4104L	V L S I LAB	24	48	2
15A91A04I8	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15A91A04I9	RT41041	VLSI DESIGN	12	28	3
15A91A04I9	RT41042	COMPUTER NETWORKS	17	24	3
15A91A04I9	RT41043	DIGITAL IMAGE PROCESSING	9	4	0
15A91A04I9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	10	0
15A91A04I9	RT41048	RADAR SYSTEMS	15	13	0
15A91A04I9	RT4104A	OPTICAL COMMUNICATION	15	3	0
15A91A04I9	RT4104L	V L S I LAB	18	35	2
15A91A04I9	RT4104M	MICROWAVE ENGINEERING LAB	16	38	2
15A91A04J0	RT41041	VLSI DESIGN	22	26	3
15A91A04J0	RT41042	COMPUTER NETWORKS	22	29	3
15A91A04J0	RT41043	DIGITAL IMAGE PROCESSING	23	32	3
15A91A04J0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	39	3
15A91A04J0	RT41048	RADAR SYSTEMS	22	44	3
15A91A04J0	RT4104A	OPTICAL COMMUNICATION	20	34	3
15A91A04J0	RT4104L	V L S I LAB	24	47	2
15A91A04J0	RT4104M	MICROWAVE ENGINEERING LAB	23	49	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A04J1	RT41041	VLSI DESIGN	25	41	3
15A91A04J1	RT41042	COMPUTER NETWORKS	22	30	3
15A91A04J1	RT41043	DIGITAL IMAGE PROCESSING	26	37	3
15A91A04J1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	49	3
15A91A04J1	RT41048	RADAR SYSTEMS	23	30	3
15A91A04J1	RT4104A	OPTICAL COMMUNICATION	25	42	3
15A91A04J1	RT4104L	V L S I LAB	25	42	2
15A91A04J1	RT4104M	MICROWAVE ENGINEERING LAB	25	44	2
15A91A04J2	RT41041	VLSI DESIGN	18	11	0
15A91A04J2	RT41042	COMPUTER NETWORKS	24	31	3
15A91A04J2	RT41043	DIGITAL IMAGE PROCESSING	25	24	3
15A91A04J2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	27	3
15A91A04J2	RT41048	RADAR SYSTEMS	20	33	3
15A91A04J2	RT4104A	OPTICAL COMMUNICATION	23	15	0
15A91A04J2	RT4104L	V L S I LAB	24	44	2
15A91A04J2	RT4104M	MICROWAVE ENGINEERING LAB	24	42	2
15A91A04J3	RT41041	VLSI DESIGN	24	46	3
15A91A04J3	RT41042	COMPUTER NETWORKS	22	33	3
15A91A04J3	RT41043	DIGITAL IMAGE PROCESSING	26	26	3
15A91A04J3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	42	3
15A91A04J3	RT41048	RADAR SYSTEMS	22	43	3
15A91A04J3	RT4104A	OPTICAL COMMUNICATION	30	45	3
15A91A04J3	RT4104L	V L S I LAB	24	50	2
15A91A04J3	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A91A04J4	RT41041	VLSI DESIGN	20	36	3
15A91A04J4	RT41042	COMPUTER NETWORKS	25	40	3
15A91A04J4	RT41043	DIGITAL IMAGE PROCESSING	25	55	3
15A91A04J4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	70	3
15A91A04J4	RT41048	RADAR SYSTEMS	24	49	3
15A91A04J4	RT4104A	OPTICAL COMMUNICATION	28	56	3
15A91A04J4	RT4104L	V L S I LAB	24	46	2
15A91A04J4	RT4104M	MICROWAVE ENGINEERING LAB	21	50	2
15A91A04J5	RT41041	VLSI DESIGN	20	24	3
15A91A04J5	RT41042	COMPUTER NETWORKS	23	24	3
15A91A04J5	RT41043	DIGITAL IMAGE PROCESSING	21	29	3
15A91A04J5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	40	3
15A91A04J5	RT41048	RADAR SYSTEMS	19	24	3
15A91A04J5	RT4104A	OPTICAL COMMUNICATION	19	34	3
15A91A04J5	RT4104L	V L S I LAB	22	42	2
15A91A04J5	RT4104M	MICROWAVE ENGINEERING LAB	22	41	2
15A91A04J6	RT41041	VLSI DESIGN	19	16	0
15A91A04J6	RT41042	COMPUTER NETWORKS	24	40	3
15A91A04J6	RT41043	DIGITAL IMAGE PROCESSING	16	26	3
15A91A04J6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	24	3
15A91A04J6	RT41048	RADAR SYSTEMS	20	36	3
15A91A04J6	RT4104A	OPTICAL COMMUNICATION	22	26	3
15A91A04J6	RT4104L	V L S I LAB	21	39	2
15A91A04J6	RT4104M	MICROWAVE ENGINEERING LAB	24	45	2
15A91A04J7	RT41041	VLSI DESIGN	15	48	3
15A91A04J7	RT41042	COMPUTER NETWORKS	22	37	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04J7	RT41043	DIGITAL IMAGE PROCESSING	23	25	3
15A91A04J7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	36	3
15A91A04J7	RT41048	RADAR SYSTEMS	13	30	3
15A91A04J7	RT4104A	OPTICAL COMMUNICATION	19	49	3
15A91A04J7	RT4104L	V L S I LAB	23	45	2
15A91A04J7	RT4104M	MICROWAVE ENGINEERING LAB	23	40	2
15A91A04J8	RT41041	VLSI DESIGN	24	36	3
15A91A04J8	RT41042	COMPUTER NETWORKS	24	43	3
15A91A04J8	RT41043	DIGITAL IMAGE PROCESSING	27	34	3
15A91A04J8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	56	3
15A91A04J8	RT41048	RADAR SYSTEMS	15	44	3
15A91A04J8	RT4104A	OPTICAL COMMUNICATION	25	39	3
15A91A04J8	RT4104L	V L S I LAB	24	45	2
15A91A04J8	RT4104M	MICROWAVE ENGINEERING LAB	24	50	2
15A91A04J9	RT41041	VLSI DESIGN	17	24	3
15A91A04J9	RT41042	COMPUTER NETWORKS	20	24	3
15A91A04J9	RT41043	DIGITAL IMAGE PROCESSING	19	5	0
15A91A04J9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	10	0
15A91A04J9	RT41048	RADAR SYSTEMS	16	2	0
15A91A04J9	RT4104A	OPTICAL COMMUNICATION	17	28	3
15A91A04J9	RT4104L	V L S I LAB	18	27	2
15A91A04J9	RT4104M	MICROWAVE ENGINEERING LAB	21	37	2
15A91A04K0	RT41041	VLSI DESIGN	23	34	3
15A91A04K0	RT41042	COMPUTER NETWORKS	24	37	3
15A91A04K0	RT41043	DIGITAL IMAGE PROCESSING	26	40	3
15A91A04K0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	30	53	3
15A91A04K0	RT41048	RADAR SYSTEMS	29	58	3
15A91A04K0	RT4104A	OPTICAL COMMUNICATION	26	56	3
15A91A04K0	RT4104L	V L S I LAB	22	44	2
15A91A04K0	RT4104M	MICROWAVE ENGINEERING LAB	25	46	2
15A91A04K1	RT41041	VLSI DESIGN	23	38	3
15A91A04K1	RT41042	COMPUTER NETWORKS	25	37	3
15A91A04K1	RT41043	DIGITAL IMAGE PROCESSING	25	9	0
15A91A04K1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	29	3
15A91A04K1	RT41048	RADAR SYSTEMS	21	25	3
15A91A04K1	RT4104A	OPTICAL COMMUNICATION	24	32	3
15A91A04K1	RT4104L	V L S I LAB	24	46	2
15A91A04K1	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15A91A04K2	RT41041	VLSI DESIGN	20	35	3
15A91A04K2	RT41042	COMPUTER NETWORKS	24	30	3
15A91A04K2	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
15A91A04K2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	44	3
15A91A04K2	RT41048	RADAR SYSTEMS	15	43	3
15A91A04K2	RT4104A	OPTICAL COMMUNICATION	22	35	3
15A91A04K2	RT4104L	V L S I LAB	23	50	2
15A91A04K2	RT4104M	MICROWAVE ENGINEERING LAB	21	34	2
15A91A04K3	RT41041	VLSI DESIGN	21	46	3
15A91A04K3	RT41042	COMPUTER NETWORKS	23	26	3
15A91A04K3	RT41043	DIGITAL IMAGE PROCESSING	25	24	3
15A91A04K3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	24	3

15A91A04K3 RT4 15A91A04K3 RT4	41048	RADAR SYSTEMS			
15A91A04K3 RT	-44044	RADAR STSTEMS	20	26	3
	4104A	OPTICAL COMMUNICATION	25	41	3
15A91A04K3 RT	4104L	V L S I LAB	24	45	2
1.0,101,101110 1111	4104M	MICROWAVE ENGINEERING LAB	24	40	2
15A91A04K4 RT4	41041	VLSI DESIGN	26	45	3
15A91A04K4 RT4	41042	COMPUTER NETWORKS	21	33	3
15A91A04K4 RT4	41043	DIGITAL IMAGE PROCESSING	25	28	3
15A91A04K4 RT4	41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	44	3
15A91A04K4 RT4	41048	RADAR SYSTEMS	23	31	3
15A91A04K4 RT4	4104A	OPTICAL COMMUNICATION	26	45	3
15A91A04K4 RT4	4104L	V L S I LAB	25	44	2
15A91A04K4 RT4	4104M	MICROWAVE ENGINEERING LAB	25	47	2
15A91A04K5 RT4	41041	VLSI DESIGN	23	50	3
15A91A04K5 RT4	41042	COMPUTER NETWORKS	23	43	3
15A91A04K5 RT4	41043	DIGITAL IMAGE PROCESSING	23	28	3
15A91A04K5 RT4	41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	29	3
15A91A04K5 RT4	41048	RADAR SYSTEMS	22	34	3
15A91A04K5 RT4	4104A	OPTICAL COMMUNICATION	27	30	3
15A91A04K5 RT4	4104L	V L S I LAB	23	37	2
15A91A04K5 RT4	4104M	MICROWAVE ENGINEERING LAB	25	44	2
15A91A04K6 RT4	41041	VLSI DESIGN	23	40	3
15A91A04K6 RT4	41042	COMPUTER NETWORKS	25	42	3
15A91A04K6 RT4	41043	DIGITAL IMAGE PROCESSING	22	26	3
15A91A04K6 RT4	41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	59	3
15A91A04K6 RT4	41048	RADAR SYSTEMS	24	46	3
15A91A04K6 RT4	4104A	OPTICAL COMMUNICATION	24	33	3
15A91A04K6 RT4	4104L	V L S I LAB	24	50	2
15A91A04K6 RT4	4104M	MICROWAVE ENGINEERING LAB	24	46	2
15A91A04K7 RT4	41041	VLSI DESIGN	21	46	3
15A91A04K7 RT4	41042	COMPUTER NETWORKS	23	46	3
15A91A04K7 RT4	41043	DIGITAL IMAGE PROCESSING	18	35	3
15A91A04K7 RT4	41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	56	3
15A91A04K7 RT4	41048	RADAR SYSTEMS	20	32	3
15A91A04K7 RT4	4104A	OPTICAL COMMUNICATION	24	40	3
15A91A04K7 RT4	4104L	V L S I LAB	21	36	2
15A91A04K7 RT4	4104M	MICROWAVE ENGINEERING LAB	21	41	2
15A91A04K8 RT4	41041	VLSI DESIGN	19	26	3
15A91A04K8 RT4	41042	COMPUTER NETWORKS	23	19	0
15A91A04K8 RT4	41043	DIGITAL IMAGE PROCESSING	20	14	0
15A91A04K8 RT4	41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	24	3
15A91A04K8 RT4	41048	RADAR SYSTEMS	15	25	3
15A91A04K8 RT4	4104A	OPTICAL COMMUNICATION	22	16	0
15A91A04K8 RT4	4104L	V L S I LAB	23	37	2
15A91A04K8 RT4	4104M	MICROWAVE ENGINEERING LAB	20	26	2
15A91A04K9 RT4	41041	VLSI DESIGN	22	42	3
15A91A04K9 RT4	41042	COMPUTER NETWORKS	25	29	3
15A91A04K9 RT4	41043	DIGITAL IMAGE PROCESSING	23	5	0
15A91A04K9 RT4	41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	37	3
15A91A04K9 RT4	41048	RADAR SYSTEMS	15	29	3
15A91A04K9 RT4	4104A	OPTICAL COMMUNICATION	20	25	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04K9	RT4104L	V L S I LAB	20	43	2
15A91A04K9	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15A91A04L0	RT41041	VLSI DESIGN	21	28	3
15A91A04L0	RT41042	COMPUTER NETWORKS	26	33	3
15A91A04L0	RT41043	DIGITAL IMAGE PROCESSING	27	26	3
15A91A04L0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	42	3
15A91A04L0	RT41048	RADAR SYSTEMS	18	43	3
15A91A04L0	RT4104A	OPTICAL COMMUNICATION	22	33	3
15A91A04L0	RT4104L	V L S I LAB	24	47	2
15A91A04L0	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A91A04L1	RT41041	VLSI DESIGN	21	38	3
15A91A04L1	RT41042	COMPUTER NETWORKS	22	27	3
15A91A04L1	RT41043	DIGITAL IMAGE PROCESSING	25	32	3
15A91A04L1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	64	3
15A91A04L1	RT41048	RADAR SYSTEMS	15	33	3
15A91A04L1	RT4104A	OPTICAL COMMUNICATION	25	33	3
15A91A04L1	RT4104L	V L S I LAB	20	48	2
15A91A04L1	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15A91A04L2	RT41041	VLSI DESIGN	17	28	3
15A91A04L2	RT41042	COMPUTER NETWORKS	20	27	3
15A91A04L2	RT41043	DIGITAL IMAGE PROCESSING	21	18	0
15A91A04L2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	28	3
15A91A04L2	RT41048	RADAR SYSTEMS	16	24	3
15A91A04L2	RT4104A	OPTICAL COMMUNICATION	16	25	3
15A91A04L2	RT4104L	V L S I LAB	23	41	2
15A91A04L2	RT4104M	MICROWAVE ENGINEERING LAB	24	37	2
15A91A04L3	RT41041	VLSI DESIGN	19	29	3
15A91A04L3	RT41042	COMPUTER NETWORKS	17	39	3
15A91A04L3	RT41043	DIGITAL IMAGE PROCESSING	20	32	3
15A91A04L3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	32	3
15A91A04L3	RT41048	RADAR SYSTEMS	15	37	3
15A91A04L3	RT4104A	OPTICAL COMMUNICATION	27	37	3
15A91A04L3	RT4104L	V L S I LAB	23	42	2
15A91A04L3	RT4104M	MICROWAVE ENGINEERING LAB	19	43	2
15A91A04L4	RT41041	VLSI DESIGN	25	31	3
15A91A04L4	RT41042	COMPUTER NETWORKS	27	36	3
15A91A04L4	RT41043	DIGITAL IMAGE PROCESSING	23	32	3
15A91A04L4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	49	3
15A91A04L4	RT41048	RADAR SYSTEMS	21	39	3
15A91A04L4	RT4104A	OPTICAL COMMUNICATION	25	42	3
15A91A04L4	RT4104L	V L S I LAB	25	47	2
15A91A04L4	RT4104M	MICROWAVE ENGINEERING LAB	24	50	2
15A91A04L5	RT41041	VLSI DESIGN	19	41	3
15A91A04L5	RT41042	COMPUTER NETWORKS	23	26	3
15A91A04L5	RT41043	DIGITAL IMAGE PROCESSING	25	24	3
15A91A04L5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	59	3
15A91A04L5	RT41048	RADAR SYSTEMS	20	32	3
15A91A04L5	RT4104A	OPTICAL COMMUNICATION	23	36	3
15A91A04L5	RT4104L	V L S I LAB	23	43	2
15A91A04L5	RT4104M	MICROWAVE ENGINEERING LAB	25	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A04L6	RT41041	VLSI DESIGN	18	33	3
15A91A04L6	RT41042	COMPUTER NETWORKS	16	30	3
15A91A04L6	RT41043	DIGITAL IMAGE PROCESSING	21	26	3
15A91A04L6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	38	3
15A91A04L6	RT41048	RADAR SYSTEMS	18	33	3
15A91A04L6	RT4104A	OPTICAL COMMUNICATION	26	33	3
15A91A04L6	RT4104L	V L S I LAB	23	44	2
15A91A04L6	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
15A91A04L7	RT41041	VLSI DESIGN	23	29	3
15A91A04L7	RT41042	COMPUTER NETWORKS	23	33	3
15A91A04L7	RT41043	DIGITAL IMAGE PROCESSING	23	27	3
15A91A04L7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	32	3
15A91A04L7	RT41048	RADAR SYSTEMS	22	34	3
15A91A04L7	RT4104A	OPTICAL COMMUNICATION	22	43	3
15A91A04L7	RT4104L	V L S I LAB	21	46	2
15A91A04L7	RT4104M	MICROWAVE ENGINEERING LAB	21	39	2
15A91A04L8	RT41041	VLSI DESIGN	21	33	3
15A91A04L8	RT41042	COMPUTER NETWORKS	24	29	3
15A91A04L8	RT41043	DIGITAL IMAGE PROCESSING	20	24	3
15A91A04L8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	30	3
15A91A04L8	RT41048	RADAR SYSTEMS	17	35	3
15A91A04L8	RT4104A	OPTICAL COMMUNICATION	21	30	3
15A91A04L8	RT4104L	V L S I LAB	23	42	2
15A91A04L8	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15A91A04L9	RT41041	VLSI DESIGN	19	41	3
15A91A04L9	RT41042	COMPUTER NETWORKS	23	25	3
15A91A04L9	RT41043	DIGITAL IMAGE PROCESSING	17	30	3
15A91A04L9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	54	3
15A91A04L9	RT41048	RADAR SYSTEMS	17	29	3
15A91A04L9	RT4104A	OPTICAL COMMUNICATION	23	38	3
15A91A04L9	RT4104L	V L S I LAB	24	49	2
15A91A04L9	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
15A91A04M0	RT41041	VLSI DESIGN	17	33	3
15A91A04M0	RT41042	COMPUTER NETWORKS	23	35	3
15A91A04M0	RT41043	DIGITAL IMAGE PROCESSING	21	29	3
15A91A04M0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	45	3
15A91A04M0	RT41048	RADAR SYSTEMS	23	44	3
15A91A04M0	RT4104A	OPTICAL COMMUNICATION	28	37	3
15A91A04M0	RT4104L	V L S I LAB	22	46	2
15A91A04M0	RT4104M	MICROWAVE ENGINEERING LAB	23	40	2
15A91A04M1	RT41041	VLSI DESIGN	23	52	3
15A91A04M1	RT41042	COMPUTER NETWORKS	24	39	3
15A91A04M1	RT41043	DIGITAL IMAGE PROCESSING	25	9	0
15A91A04M1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	35	3
15A91A04M1	RT41048	RADAR SYSTEMS	23	39	3
15A91A04M1	RT4104A	OPTICAL COMMUNICATION	19	39	3
15A91A04M1	RT4104L	V L S I LAB	25	49	2
15A91A04M1	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A91A04M2	RT41041	VLSI DESIGN	22	26	3
15A91A04M2	RT41042	COMPUTER NETWORKS	24	26	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04M2	RT41043	DIGITAL IMAGE PROCESSING	28	8	0
15A91A04M2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	40	3
15A91A04M2	RT41048	RADAR SYSTEMS	23	29	3
15A91A04M2	RT4104A	OPTICAL COMMUNICATION	27	27	3
15A91A04M2	RT4104L	V L S I LAB	24	45	2
15A91A04M2	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15A91A04M3	RT41041	VLSI DESIGN	19	28	3
15A91A04M3	RT41042	COMPUTER NETWORKS	22	25	3
15A91A04M3	RT41043	DIGITAL IMAGE PROCESSING	16	14	0
15A91A04M3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	44	3
15A91A04M3	RT41048	RADAR SYSTEMS	14	40	3
15A91A04M3	RT4104A	OPTICAL COMMUNICATION	29	33	3
15A91A04M3	RT4104L	V L S I LAB	21	44	2
15A91A04M3	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15A91A04M5	RT41041	VLSI DESIGN	24	37	3
15A91A04M5	RT41042	COMPUTER NETWORKS	26	32	3
15A91A04M5	RT41043	DIGITAL IMAGE PROCESSING	28	30	3
15A91A04M5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	36	3
15A91A04M5	RT41048	RADAR SYSTEMS	20	36	3
15A91A04M5	RT4104A	OPTICAL COMMUNICATION	25	47	3
15A91A04M5	RT4104L	V L S I LAB	20	42	2
15A91A04M5	RT4104M	MICROWAVE ENGINEERING LAB	23	40	2
15A91A04M6	RT41041	VLSI DESIGN	23	48	3
15A91A04M6	RT41042	COMPUTER NETWORKS	25	47	3
15A91A04M6	RT41043	DIGITAL IMAGE PROCESSING	28	28	3
15A91A04M6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	38	3
15A91A04M6	RT41048	RADAR SYSTEMS	19	44	3
15A91A04M6	RT4104A	OPTICAL COMMUNICATION	28	50	3
15A91A04M6	RT4104L	V L S I LAB	25	46	2
15A91A04M6	RT4104M	MICROWAVE ENGINEERING LAB	25	45	2
15A91A04M8	RT41041	VLSI DESIGN	22	30	3
15A91A04M8	RT41042	COMPUTER NETWORKS	24	34	3
15A91A04M8	RT41043	DIGITAL IMAGE PROCESSING	19	25	3
15A91A04M8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	36	3
15A91A04M8	RT41048	RADAR SYSTEMS	19	37	3
15A91A04M8	RT4104A	OPTICAL COMMUNICATION	25	33	3
15A91A04M8	RT4104L	V L S I LAB	20	43	2
15A91A04M8	RT4104M	MICROWAVE ENGINEERING LAB	21	50	2
15A91A04M9	RT41041	VLSI DESIGN	24	48	3
15A91A04M9	RT41042	COMPUTER NETWORKS	23	34	3
15A91A04M9	RT41043	DIGITAL IMAGE PROCESSING	27	30	3
15A91A04M9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	62	3
15A91A04M9	RT41048	RADAR SYSTEMS	25	40	3
15A91A04M9	RT4104A	OPTICAL COMMUNICATION	29	42	3
15A91A04M9	RT4104L	V L S I LAB	23	47	2
15A91A04M9	RT4104M	MICROWAVE ENGINEERING LAB	23	50	2
15A91A04N0	RT41041	VLSI DESIGN	15	36	3
15A91A04N0	RT41042	COMPUTER NETWORKS	20	24	3
15A91A04N0	RT41043	DIGITAL IMAGE PROCESSING	17	14	0
15A91A04N0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	39	3

15A91A04N0 RT41048 RADAR SYSTEMS 15A91A04N0 RT4104A OPTICAL COMMUNICATION 15A91A04N0 RT4104L V L S I LAB 15A91A04N0 RT4104M MICROWAVE ENGINEERIN 15A91A04N1 RT41041 VLSI DESIGN 15A91A04N1 RT41042 COMPUTER NETWORKS		16 17 19	13 25	0
15A91A04N0 RT4104L V L S I LAB 15A91A04N0 RT4104M MICROWAVE ENGINEERIN 15A91A04N1 RT41041 VLSI DESIGN 15A91A04N1 RT41042 COMPUTER NETWORKS			25	^
15A91A04N0 RT4104M MICROWAVE ENGINEERIN 15A91A04N1 RT41041 VLSI DESIGN 15A91A04N1 RT41042 COMPUTER NETWORKS	G LAB	19		3
15A91A04N1 RT41041 VLSI DESIGN 15A91A04N1 RT41042 COMPUTER NETWORKS	G LAB		43	2
15A91A04N1 RT41042 COMPUTER NETWORKS		21	37	2
		20	26	3
		23	35	3
15A91A04N1 RT41043 DIGITAL IMAGE PROCESSI	NG	23	26	3
15A91A04N1 RT41044 COMPUTER ARCHITECTUR	RE AND ORGANIZATION	24	30	3
15A91A04N1 RT41048 RADAR SYSTEMS		19	31	3
15A91A04N1 RT4104A OPTICAL COMMUNICATION	N	24	32	3
15A91A04N1 RT4104L V L S I LAB		21	43	2
15A91A04N1 RT4104M MICROWAVE ENGINEERIN	G LAB	18	48	2
15A91A04N2 RT41041 VLSI DESIGN		19	25	3
15A91A04N2 RT41042 COMPUTER NETWORKS		25	29	3
15A91A04N2 RT41043 DIGITAL IMAGE PROCESSI	NG	20	24	3
15A91A04N2 RT41044 COMPUTER ARCHITECTUR	RE AND ORGANIZATION	21	30	3
15A91A04N2 RT41048 RADAR SYSTEMS		23	29	3
15A91A04N2 RT4104A OPTICAL COMMUNICATION	N	21	30	3
15A91A04N2 RT4104L V L S I LAB		22	37	2
15A91A04N2 RT4104M MICROWAVE ENGINEERIN	G LAB	23	41	2
15A91A04N3 RT41041 VLSI DESIGN		25	36	3
15A91A04N3 RT41042 COMPUTER NETWORKS		23	28	3
15A91A04N3 RT41043 DIGITAL IMAGE PROCESSI	NG	23	30	3
15A91A04N3 RT41044 COMPUTER ARCHITECTUR	RE AND ORGANIZATION	27	44	3
15A91A04N3 RT41048 RADAR SYSTEMS		14	33	3
15A91A04N3 RT4104A OPTICAL COMMUNICATION	N	25	46	3
15A91A04N3 RT4104L V L S I LAB		25	46	2
15A91A04N3 RT4104M MICROWAVE ENGINEERIN	G LAB	24	37	2
15A91A04N4 RT41041 VLSI DESIGN		20	31	3
15A91A04N4 RT41042 COMPUTER NETWORKS		23	16	0
15A91A04N4 RT41043 DIGITAL IMAGE PROCESSI	NG	19	26	3
15A91A04N4 RT41044 COMPUTER ARCHITECTUR	RE AND ORGANIZATION	23	42	3
15A91A04N4 RT41048 RADAR SYSTEMS		14	26	3
15A91A04N4 RT4104A OPTICAL COMMUNICATION	N	16	44	3
15A91A04N4 RT4104L V L S I LAB		24	48	2
15A91A04N4 RT4104M MICROWAVE ENGINEERIN	G LAB	23	42	2
15A91A04N5 RT41041 VLSI DESIGN		20	25	3
15A91A04N5 RT41042 COMPUTER NETWORKS		21	30	3
15A91A04N5 RT41043 DIGITAL IMAGE PROCESSI	NG	18	9	0
15A91A04N5 RT41044 COMPUTER ARCHITECTUR	RE AND ORGANIZATION	19	29	3
15A91A04N5 RT41048 RADAR SYSTEMS		15	17	0
15A91A04N5 RT4104A OPTICAL COMMUNICATION	N	17	29	3
15A91A04N5 RT4104L V L S I LAB		24	37	2
15A91A04N5 RT4104M MICROWAVE ENGINEERIN	G LAB	21	39	2
15A91A04N6 RT41041 VLSI DESIGN		22	32	3
15A91A04N6 RT41042 COMPUTER NETWORKS		22	33	3
15A91A04N6 RT41043 DIGITAL IMAGE PROCESSI	NG	16	17	0
15A91A04N6 RT41044 COMPUTER ARCHITECTUR	RE AND ORGANIZATION	17	49	3
15A91A04N6 RT41048 RADAR SYSTEMS		19	37	3
15A91A04N6 RT4104A OPTICAL COMMUNICATION	N	23	26	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A04N6	RT4104L	V L S I LAB	24	35	2
15A91A04N6	RT4104M	MICROWAVE ENGINEERING LAB	25	43	2
15A91A04N7	RT41041	VLSI DESIGN	19	27	3
15A91A04N7	RT41042	COMPUTER NETWORKS	24	24	3
15A91A04N7	RT41043	DIGITAL IMAGE PROCESSING	23	7	0
15A91A04N7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	33	3
15A91A04N7	RT41048	RADAR SYSTEMS	16	25	3
15A91A04N7	RT4104A	OPTICAL COMMUNICATION	17	33	3
15A91A04N7	RT4104L	V L S I LAB	25	39	2
15A91A04N7	RT4104M	MICROWAVE ENGINEERING LAB	19	45	2
15A91A04N8	RT41041	VLSI DESIGN	22	42	3
15A91A04N8	RT41042	COMPUTER NETWORKS	25	39	3
15A91A04N8	RT41043	DIGITAL IMAGE PROCESSING	22	35	3
15A91A04N8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	50	3
15A91A04N8	RT41048	RADAR SYSTEMS	18	44	3
15A91A04N8	RT4104A	OPTICAL COMMUNICATION	23	47	3
15A91A04N8	RT4104L	V L S I LAB	25	50	2
15A91A04N8	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A91A04N9	RT41041	VLSI DESIGN	22	35	3
15A91A04N9	RT41042	COMPUTER NETWORKS	24	40	3
15A91A04N9	RT41043	DIGITAL IMAGE PROCESSING	17	11	0
15A91A04N9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	36	3
15A91A04N9	RT41048	RADAR SYSTEMS	16	26	3
15A91A04N9	RT4104A	OPTICAL COMMUNICATION	24	40	3
15A91A04N9	RT4104L	V L S I LAB	22	35	2
15A91A04N9	RT4104M	MICROWAVE ENGINEERING LAB	20	43	2
15A91A04O0	RT41041	VLSI DESIGN	25	26	3
15A91A04O0	RT41042	COMPUTER NETWORKS	24	36	3
15A91A04O0	RT41043	DIGITAL IMAGE PROCESSING	24	32	3
15A91A04O0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	51	3
15A91A04O0	RT41048	RADAR SYSTEMS	22	34	3
15A91A04O0	RT4104A	OPTICAL COMMUNICATION	27	33	3
15A91A04O0	RT4104L	V L S I LAB	24	50	2
15A91A04O0	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15A91A04O1	RT41041	VLSI DESIGN	24	28	3
15A91A04O1	RT41042	COMPUTER NETWORKS	24	29	3
15A91A04O1	RT41043	DIGITAL IMAGE PROCESSING	25	8	0
15A91A04O1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	50	3
15A91A04O1	RT41048	RADAR SYSTEMS	25	43	3
15A91A04O1	RT4104A	OPTICAL COMMUNICATION	26	43	3
15A91A04O1	RT4104L	V L S I LAB	24	48	2
15A91A04O1	RT4104M	MICROWAVE ENGINEERING LAB	24	42	2
15A91A04O2	RT41041	VLSI DESIGN	25	45	3
15A91A04O2	RT41042	COMPUTER NETWORKS	25	38	3
15A91A04O2	RT41043	DIGITAL IMAGE PROCESSING	27	40	3
15A91A04O2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	42	3
15A91A04O2	RT41048	RADAR SYSTEMS	21	39	3
15A91A04O2	RT4104A	OPTICAL COMMUNICATION	28	41	3
15A91A04O2	RT4104L	V L S I LAB	24	50	2
15A91A04O2	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A04O3	RT41041	VLSI DESIGN	20	32	3
15A91A04O3	RT41042	COMPUTER NETWORKS	22	26	3
15A91A04O3	RT41043	DIGITAL IMAGE PROCESSING	24	8	0
15A91A04O3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	29	3
15A91A04O3	RT41048	RADAR SYSTEMS	19	27	3
15A91A04O3	RT4104A	OPTICAL COMMUNICATION	23	24	3
15A91A04O3	RT4104L	V L S I LAB	22	35	2
15A91A04O3	RT4104M	MICROWAVE ENGINEERING LAB	24	38	2
15A91A04O4	RT41041	VLSI DESIGN	23	36	3
15A91A04O4	RT41042	COMPUTER NETWORKS	24	32	3
15A91A04O4	RT41043	DIGITAL IMAGE PROCESSING	27	34	3
15A91A04O4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	47	3
15A91A04O4	RT41048	RADAR SYSTEMS	21	40	3
15A91A04O4	RT4104A	OPTICAL COMMUNICATION	27	28	3
15A91A04O4	RT4104L	V L S I LAB	22	50	2
15A91A04O4	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15A91A04O5	RT41041	VLSI DESIGN	23	28	3
15A91A04O5	RT41042	COMPUTER NETWORKS	23	27	3
15A91A04O5	RT41043	DIGITAL IMAGE PROCESSING	24	30	3
15A91A04O5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	56	3
15A91A04O5	RT41048	RADAR SYSTEMS	18	25	3
15A91A04O5	RT4104A	OPTICAL COMMUNICATION	26	45	3
15A91A04O5	RT4104L	V L S I LAB	23	50	2
15A91A04O5	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A91A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	36	3
15A91A0501	RT41052	UML AND DESIGN PATTERNS	30	42	3
15A91A0501	RT41053	MOBILE COMPUTING	21	24	3
15A91A0501	RT41057	ARTIFICIAL INTELLIGENCE	26	36	3
15A91A0501	RT4105D	MACHINE LEARNING	23	24	3
15A91A0501	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A91A0501	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A91A0501	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A91A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	36	3
15A91A0502	RT41052	UML AND DESIGN PATTERNS	24	36	3
15A91A0502	RT41053	MOBILE COMPUTING	26	30	3
15A91A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	30	29	3
15A91A0502	RT4105B	HADOOP AND BIG DATA	21	36	3
15A91A0502	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15A91A0502	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A91A0502	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A91A0503	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	26	3
15A91A0503	RT41052	UML AND DESIGN PATTERNS	21	27	3
15A91A0503	RT41053	MOBILE COMPUTING	26	15	0
15A91A0503	RT41057	ARTIFICIAL INTELLIGENCE	23	24	3
15A91A0503	RT4105D	MACHINE LEARNING	18	10	0
15A91A0503	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A0503	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A0503	RT4105N	SOFTWARE TESTING LAB	23	46	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0503	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15A91A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	20	0
15A91A0504	RT41052	UML AND DESIGN PATTERNS	27	24	3
15A91A0504	RT41053	MOBILE COMPUTING	22	29	3
15A91A0504	RT41057	ARTIFICIAL INTELLIGENCE	22	33	3
15A91A0504	RT4105D	MACHINE LEARNING	18	24	3
15A91A0504	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A91A0504	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	41	2
15A91A0504	RT4105N	SOFTWARE TESTING LAB	21	40	2
15A91A0504	RT4105O	HADOOP AND BIGDATA LAB	20	38	2
15A91A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	33	3
15A91A0505	RT41052	UML AND DESIGN PATTERNS	26	30	3
15A91A0505	RT41053	MOBILE COMPUTING	24	41	3
15A91A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	27	34	3
15A91A0505	RT4105B	HADOOP AND BIG DATA	21	24	3
15A91A0505	RT4105L	UML AND DESIGN PATTERNS LAB	22	41	2
15A91A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
15A91A0505	RT4105N	SOFTWARE TESTING LAB	22	43	2
15A91A0505	RT4105O	HADOOP AND BIGDATA LAB	22	42	2
15A91A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	36	3
15A91A0506	RT41052	UML AND DESIGN PATTERNS	27	37	3
15A91A0506	RT41053	MOBILE COMPUTING	25	41	3
15A91A0506	RT41057	ARTIFICIAL INTELLIGENCE	28	40	3
15A91A0506	RT4105D	MACHINE LEARNING	24	26	3
15A91A0506	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15A91A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A91A0506	RT4105N	SOFTWARE TESTING LAB	22	47	2
15A91A0506	RT4105O	HADOOP AND BIGDATA LAB	17	45	2
15A91A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	38	3
15A91A0507	RT41052	UML AND DESIGN PATTERNS	25	33	3
15A91A0507	RT41053	MOBILE COMPUTING	26	38	3
15A91A0507	RT41057	ARTIFICIAL INTELLIGENCE	28	49	3
15A91A0507	RT4105D	MACHINE LEARNING	24	24	3
15A91A0507	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15A91A0507	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A91A0507	RT4105N	SOFTWARE TESTING LAB	23	48	2
15A91A0507	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15A91A0508	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	12	17	0
15A91A0508	RT41052	UML AND DESIGN PATTERNS	19	28	3
15A91A0508	RT41053	MOBILE COMPUTING	21	31	3
15A91A0508	RT41054	SOFTWARE TESTING METHODOLOGIES	21	25	3
15A91A0508	RT4105B	HADOOP AND BIG DATA	20	27	3
15A91A0508	RT4105L	UML AND DESIGN PATTERNS LAB	14	31	2
15A91A0508	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	14	32	2
15A91A0508	RT4105N	SOFTWARE TESTING LAB	18	30	2
15A91A0508	RT4105O	HADOOP AND BIGDATA LAB	15	31	2
15A91A0509	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	47	3
15A91A0509	RT41052	UML AND DESIGN PATTERNS	29	40	3
15A91A0509	RT41053	MOBILE COMPUTING	30	28	3
15A91A0509	RT41057	ARTIFICIAL INTELLIGENCE	30	50	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0509	RT4105D	MACHINE LEARNING	27	33	3
15A91A0509	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A91A0509	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A0509	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A91A0509	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15A91A0510	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	10	24	0
15A91A0510	RT41052	UML AND DESIGN PATTERNS	19	24	3
15A91A0510	RT41053	MOBILE COMPUTING	17	29	3
15A91A0510	RT41054	SOFTWARE TESTING METHODOLOGIES	18	13	0
15A91A0510	RT4105B	HADOOP AND BIG DATA	18	12	0
15A91A0510	RT4105L	UML AND DESIGN PATTERNS LAB	18	38	2
15A91A0510	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	38	2
15A91A0510	RT4105N	SOFTWARE TESTING LAB	18	34	2
15A91A0510	RT4105O	HADOOP AND BIGDATA LAB	17	30	2
15A91A0512	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	30	3
15A91A0512	RT41052	UML AND DESIGN PATTERNS	26	34	3
15A91A0512	RT41053	MOBILE COMPUTING	30	25	3
15A91A0512	RT41054	SOFTWARE TESTING METHODOLOGIES	29	26	3
15A91A0512	RT4105B	HADOOP AND BIG DATA	29	36	3
15A91A0512	RT4105L	UML AND DESIGN PATTERNS LAB	20	46	2
15A91A0512	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15A91A0512	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A91A0512	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A91A0513	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	32	3
15A91A0513	RT41052	UML AND DESIGN PATTERNS	25	43	3
15A91A0513	RT41053	MOBILE COMPUTING	25	32	3
15A91A0513	RT41054	SOFTWARE TESTING METHODOLOGIES	30	33	3
15A91A0513	RT4105B	HADOOP AND BIG DATA	27	34	3
15A91A0513	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A0513	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A91A0513	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A91A0513	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A91A0514	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	17	0
15A91A0514	RT41052	UML AND DESIGN PATTERNS	21	16	0
15A91A0514	RT41053	MOBILE COMPUTING	20	25	3
15A91A0514	RT41054	SOFTWARE TESTING METHODOLOGIES	19	15	0
15A91A0514	RT4105B	HADOOP AND BIG DATA	20	21	0
15A91A0514	RT4105L	UML AND DESIGN PATTERNS LAB	14	34	2
15A91A0514	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	14	35	2
15A91A0514	RT4105N	SOFTWARE TESTING LAB	19	35	2
15A91A0514	RT4105O	HADOOP AND BIGDATA LAB	15	28	2
15A91A0515	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	40	3
15A91A0515	RT41052	UML AND DESIGN PATTERNS	27	43	3
15A91A0515	RT41053	MOBILE COMPUTING	27	56	3
15A91A0515	RT41057	ARTIFICIAL INTELLIGENCE	30	51	3
15A91A0515	RT4105D	MACHINE LEARNING	27	26	3
15A91A0515	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A0515	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A91A0515	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A91A0515	RT4105O	HADOOP AND BIGDATA LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0516	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	33	3
15A91A0516	RT41052	UML AND DESIGN PATTERNS	23	34	3
15A91A0516	RT41053	MOBILE COMPUTING	25	24	3
15A91A0516	RT41054	SOFTWARE TESTING METHODOLOGIES	27	32	3
15A91A0516	RT4105B	HADOOP AND BIG DATA	22	30	3
15A91A0516	RT4105L	UML AND DESIGN PATTERNS LAB	23	43	2
15A91A0516	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	40	2
15A91A0516	RT4105N	SOFTWARE TESTING LAB	22	40	2
15A91A0516	RT4105O	HADOOP AND BIGDATA LAB	13	30	2
15A91A0517	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	20	0
15A91A0517	RT41052	UML AND DESIGN PATTERNS	22	17	0
15A91A0517	RT41053	MOBILE COMPUTING	14	17	0
15A91A0517	RT41054	SOFTWARE TESTING METHODOLOGIES	21	0	0
15A91A0517	RT4105B	HADOOP AND BIG DATA	15	4	0
15A91A0517	RT4105L	UML AND DESIGN PATTERNS LAB	15	35	2
15A91A0517	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	15	35	2
15A91A0517	RT4105N	SOFTWARE TESTING LAB	18	32	2
15A91A0517	RT4105O	HADOOP AND BIGDATA LAB	12	28	2
15A91A0518	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	44	3
15A91A0518	RT41052	UML AND DESIGN PATTERNS	27	43	3
15A91A0518	RT41053	MOBILE COMPUTING	30	29	3
15A91A0518	RT41057	ARTIFICIAL INTELLIGENCE	29	40	3
15A91A0518	RT4105D	MACHINE LEARNING	28	30	3
15A91A0518	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A0518	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15A91A0518	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A91A0518	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A91A0519	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	4	12	0
15A91A0519	RT41052	UML AND DESIGN PATTERNS	16	11	0
15A91A0519	RT41053	MOBILE COMPUTING	19	16	0
15A91A0519	RT41054	SOFTWARE TESTING METHODOLOGIES	5	26	0
15A91A0519	RT4105B	HADOOP AND BIG DATA	14	21	0
15A91A0519	RT4105L	UML AND DESIGN PATTERNS LAB	14	-1	0
15A91A0519	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	14	-1	0
15A91A0519	RT4105N	SOFTWARE TESTING LAB	14	-1	0
15A91A0519	RT4105O	HADOOP AND BIGDATA LAB	10	-1	0
15A91A0521	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	27	3
15A91A0521	RT41052	UML AND DESIGN PATTERNS	16	40	3
15A91A0521	RT41053	MOBILE COMPUTING	23	13	0
15A91A0521	RT41054	SOFTWARE TESTING METHODOLOGIES	27	27	3
15A91A0521	RT4105B	HADOOP AND BIG DATA	29	27	3
15A91A0521	RT4105L	UML AND DESIGN PATTERNS LAB	16	39	2
15A91A0521	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	41	2
15A91A0521	RT4105N	SOFTWARE TESTING LAB	18	38	2
15A91A0521	RT4105O	HADOOP AND BIGDATA LAB	16	41	2
15A91A0522	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	55	3
15A91A0522	RT41052	UML AND DESIGN PATTERNS	28	37	3
15A91A0522	RT41053	MOBILE COMPUTING	27	35	3
15A91A0522	RT41057	ARTIFICIAL INTELLIGENCE	28	45	3
15A91A0522	RT4105D	MACHINE LEARNING	29	27	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0522	RT4105L	UML AND DESIGN PATTERNS LAB	24	50	2
15A91A0522	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A91A0522	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A91A0522	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15A91A0523	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	39	3
15A91A0523	RT41052	UML AND DESIGN PATTERNS	27	31	3
15A91A0523	RT41053	MOBILE COMPUTING	26	30	3
15A91A0523	RT41054	SOFTWARE TESTING METHODOLOGIES	28	42	3
15A91A0523	RT4105B	HADOOP AND BIG DATA	29	40	3
15A91A0523	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A91A0523	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A0523	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A91A0523	RT4105O	HADOOP AND BIGDATA LAB	25	47	2
15A91A0524	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	43	3
15A91A0524	RT41052	UML AND DESIGN PATTERNS	27	51	3
15A91A0524	RT41053	MOBILE COMPUTING	29	46	3
15A91A0524	RT41057	ARTIFICIAL INTELLIGENCE	28	49	3
15A91A0524	RT4105D	MACHINE LEARNING	28	32	3
15A91A0524	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15A91A0524	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
15A91A0524	RT4105N	SOFTWARE TESTING LAB	25	50	2
15A91A0524	RT41050	HADOOP AND BIGDATA LAB	23	49	2
15A91A0525	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	36	3
15A91A0525	RT41052	UML AND DESIGN PATTERNS	28	39	3
15A91A0525	RT41053	MOBILE COMPUTING	28	34	3
15A91A0525	RT41057	ARTIFICIAL INTELLIGENCE	27	35	3
15A91A0525	RT4105D	MACHINE LEARNING	27	30	3
15A91A0525	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15A91A0525	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A0525	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A91A0525	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A91A0526	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	33	3
15A91A0526	RT41052	UML AND DESIGN PATTERNS	22	28	3
15A91A0526	RT41053	MOBILE COMPUTING	22	34	3
15A91A0526	RT41057	ARTIFICIAL INTELLIGENCE	26	24	3
15A91A0526	RT4105D	MACHINE LEARNING	18	26	3
15A91A0526	RT4105L	UML AND DESIGN PATTERNS LAB	19	39	2
15A91A0526	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	40	2
15A91A0526	RT4105N	SOFTWARE TESTING LAB	22	40	2
15A91A0526	RT4105O	HADOOP AND BIGDATA LAB	20	38	2
15A91A0527	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	37	3
15A91A0527	RT41052	UML AND DESIGN PATTERNS	22	26	3
15A91A0527	RT41053	MOBILE COMPUTING	17	31	3
15A91A0527	RT41057	ARTIFICIAL INTELLIGENCE	15	39	3
15A91A0527	RT4105D	MACHINE LEARNING	15	25	3
15A91A0527	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15A91A0527	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	42	2
15A91A0527	RT4105N	SOFTWARE TESTING LAB	20	41	2
15A91A0527	RT4105O	HADOOP AND BIGDATA LAB	15	40	2
15A91A0528	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	37	3

15A91A0528	3 3 3 2 2 2 2 3 3 3 3 3
15A91A0528 RT41053 MOBILE COMPUTING 29 33 3 15A91A0528 RT41057 ARTIFICIAL INTELLIGENCE 29 45 3 15A91A0528 RT4105D MACHINE LEARNING 26 30 3 15A91A0528 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A0528 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A0528 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A0528 RT4105D HADOOP AND BIGDATA LAB 24 48 2 15A91A0529 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 3 15A91A0529 RT41053 MOBILE COMPUTING 15 29 3 15A91A0529 RT41053 MOBILE COMPUTING 15 29 3 15A91A0529 RT4105B HADOOP AND BIG DATA 28 40 3 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16	3 3 3 2 2 2 2 3 3 3 3 3
15A91A0528 RT41057 ARTIFICIAL INTELLIGENCE 29 45 3 15A91A0528 RT4105D MACHINE LEARNING 26 30 3 15A91A0528 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A0528 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A0528 RT4105N SOFTWARE TESTING LAB 24 48 2 15A91A0528 RT4105D HADOOP AND BIGDATA LAB 23 45 2 15A91A0529 RT4105D HADOOP AND BIGDATA LAB 23 45 2 15A91A0529 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 3 15A91A0529 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 30 3 15A91A0529 RT41054 SOFTWARE TESTING METHODOLOGIES 27 34 3 15A91A0529 RT4105B HADOOP AND BIG DATA 28 40 3 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB	3 3 2 2 2 2 2 3 3 3 3 3 3
15A91A0528 RT4105D MACHINE LEARNING 26 30 3 15A91A0528 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A0528 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A0528 RT4105N SOFTWARE TESTING LAB 24 48 2 15A91A0528 RT4105D HADOOP AND BIGDATA LAB 23 45 2 15A91A0529 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 3 15A91A0529 RT41052 UML AND DESIGN PATTERNS 24 30 3 15A91A0529 RT41053 MOBILE COMPUTING 15 29 3 15A91A0529 RT41054 SOFTWARE TESTING METHODOLOGIES 27 34 3 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 16 36 2 15A91A0530 RT41050 MADRIE TESTING LAB 18	3 2 2 2 2 3 3 3 3 3 3
15A91A0528 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A0528 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A0528 RT4105N SOFTWARE TESTING LAB 24 48 2 15A91A0528 RT4105D HADOOP AND BIGDATA LAB 23 45 2 15A91A0529 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 3 15A91A0529 RT41052 UML AND DESIGN PATTERNS 24 30 3 15A91A0529 RT41053 MOBILE COMPUTING 15 29 3 15A91A0529 RT41054 SOFTWARE TESTING METHODOLOGIES 27 34 3 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 16 36 2 15A91A0529 RT4105N HADOOP AND BIGDATA LAB 18 <td>2 2 2 2 3 3 3 3 3 3</td>	2 2 2 2 3 3 3 3 3 3
15A91A0528 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A0528 RT4105N SOFTWARE TESTING LAB 24 48 2 15A91A0528 RT4105O HADOOP AND BIGDATA LAB 23 45 2 15A91A0529 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 3 15A91A0529 RT41052 UML AND DESIGN PATTERNS 24 30 3 15A91A0529 RT41053 MOBILE COMPUTING 15 29 3 15A91A0529 RT41054 SOFTWARE TESTING METHODOLOGIES 27 34 3 15A91A0529 RT4105B HADOOP AND BIG DATA 28 40 3 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 36 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 20 40 2 15A91A0530 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27	2 2 2 3 3 3 3 3 3
15A91A0528 RT4105N SOFTWARE TESTING LAB 24 48 2 15A91A0528 RT4105O HADOOP AND BIGDATA LAB 23 45 2 15A91A0529 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 3 15A91A0529 RT41052 UML AND DESIGN PATTERNS 24 30 3 15A91A0529 RT41053 MOBILE COMPUTING 15 29 3 15A91A0529 RT41054 SOFTWARE TESTING METHODOLOGIES 27 34 3 15A91A0529 RT4105B HADOOP AND BIG DATA 28 40 3 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 36 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 20 40 2 15A91A0530 RT41050 HADOOP AND BIGDATA LAB 18 37 2 15A91A0530 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0530 RT41054 SOFTWARE TESTING METHOD	2 2 3 3 3 3 3 3 3
15A91A0528 RT4105O HADOOP AND BIGDATA LAB 23 45 2 15A91A0529 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 3 15A91A0529 RT41052 UML AND DESIGN PATTERNS 24 30 3 15A91A0529 RT41053 MOBILE COMPUTING 15 29 3 15A91A0529 RT41054 SOFTWARE TESTING METHODOLOGIES 27 34 3 15A91A0529 RT4105B HADOOP AND BIG DATA 28 40 3 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 36 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 20 40 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 18 37 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 18 37 2 15A91A0530 RT41050 HADOOP AND BIGDATA LAB 18 37 2 15A91A0530 RT41053 MOBILE COMPUTING 27 </td <td>2 3 3 3 3 3 3</td>	2 3 3 3 3 3 3
15A91A0529 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 3 15A91A0529 RT41052 UML AND DESIGN PATTERNS 24 30 3 15A91A0529 RT41053 MOBILE COMPUTING 15 29 3 15A91A0529 RT41054 SOFTWARE TESTING METHODOLOGIES 27 34 3 15A91A0529 RT4105B HADOOP AND BIG DATA 28 40 3 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 36 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 20 40 2 15A91A0529 RT4105N HADOOP AND BIGDATA LAB 18 37 2 15A91A0530 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0530 RT41052 UML AND DESIGN PATTERNS 29 28 3 15A91A0530 RT41054 SOFTWARE TESTING METHODOLOGIES 28 27 31 3 15A91A0530 RT4105B	3 3 3 3 2
15A91A0529 RT41052 UML AND DESIGN PATTERNS 24 30 3 15A91A0529 RT41053 MOBILE COMPUTING 15 29 3 15A91A0529 RT41054 SOFTWARE TESTING METHODOLOGIES 27 34 3 15A91A0529 RT4105B HADOOP AND BIG DATA 28 40 3 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 36 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 20 40 2 15A91A0529 RT4105D HADOOP AND BIGDATA LAB 18 37 2 15A91A0530 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0530 RT41052 UML AND DESIGN PATTERNS 29 28 3 15A91A0530 RT41054 SOFTWARE TESTING METHODOLOGIES 28 27 3 15A91A0530 RT4105B HADOOP AND BIG DATA 26 35 3 15A91A0530 RT4105M MOBILE APPLICATION DEVELOP	3 3 3 3 2
15A91A0529 RT41054 SOFTWARE TESTING METHODOLOGIES 27 34 3 15A91A0529 RT4105B HADOOP AND BIG DATA 28 40 3 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 36 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 20 40 2 15A91A0529 RT4105O HADOOP AND BIGDATA LAB 18 37 2 15A91A0530 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0530 RT41052 UML AND DESIGN PATTERNS 29 28 3 15A91A0530 RT41054 SOFTWARE TESTING METHODOLOGIES 28 27 31 3 15A91A0530 RT4105B HADOOP AND BIG DATA 26 35 3 15A91A0530 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A0530 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A0530 RT4105N </td <td>3 3 2</td>	3 3 2
15A91A0529 RT41054 SOFTWARE TESTING METHODOLOGIES 27 34 3 15A91A0529 RT4105B HADOOP AND BIG DATA 28 40 3 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 36 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 20 40 2 15A91A0529 RT4105O HADOOP AND BIGDATA LAB 18 37 2 15A91A0530 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0530 RT41052 UML AND DESIGN PATTERNS 29 28 3 15A91A0530 RT41054 SOFTWARE TESTING METHODOLOGIES 28 27 31 3 15A91A0530 RT4105B HADOOP AND BIG DATA 26 35 3 15A91A0530 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A0530 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A0530 RT4105N </td <td>3 3 2</td>	3 3 2
15A91A0529 RT4105B HADOOP AND BIG DATA 28 40 3 15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 36 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 20 40 2 15A91A0529 RT4105O HADOOP AND BIGDATA LAB 18 37 2 15A91A0530 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0530 RT41052 UML AND DESIGN PATTERNS 29 28 3 15A91A0530 RT41053 MOBILE COMPUTING 27 31 3 15A91A0530 RT41054 SOFTWARE TESTING METHODOLOGIES 28 27 3 15A91A0530 RT4105B HADOOP AND BIG DATA 26 35 3 15A91A0530 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A0530 RT4105N SOFTWARE TESTING LAB 25 50 2 15A91A0530 RT4105N MOBILE APPLICATION DEVELOPMENT L	2
15A91A0529 RT4105L UML AND DESIGN PATTERNS LAB 19 39 2 15A91A0529 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 36 2 15A91A0529 RT4105N SOFTWARE TESTING LAB 20 40 2 15A91A0529 RT4105O HADOOP AND BIGDATA LAB 18 37 2 15A91A0530 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0530 RT41052 UML AND DESIGN PATTERNS 29 28 3 15A91A0530 RT41053 MOBILE COMPUTING 27 31 3 15A91A0530 RT41054 SOFTWARE TESTING METHODOLOGIES 28 27 3 15A91A0530 RT4105B HADOOP AND BIG DATA 26 35 3 15A91A0530 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A0530 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A0530 RT4105N SOFTWARE TESTING LAB 25 50 2 15A91A0532 RT41051 CRYPTOGRAPHY AND	2
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15A91A0532 RT41053 MOBILE COMPUTING 29 30 3	_
15A91A0532 RT41057 ARTIFICIAL INTELLIGENCE 30 24 3	3
	3
15A91A0532 RT4105D MACHINE LEARNING 28 30 3	3
15A91A0532 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2	2
15A91A0532 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2	2
15A91A0532 RT4105N SOFTWARE TESTING LAB 24 48 2	2
15A91A0532 RT4105O HADOOP AND BIGDATA LAB 24 49 2	2
15A91A0534 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 24 3	3
15A91A0534 RT41052 UML AND DESIGN PATTERNS 21 31 3	3
15A91A0534 RT41053 MOBILE COMPUTING 24 32 3	3
15A91A0534 RT41054 SOFTWARE TESTING METHODOLOGIES 22 32 3	3
15A91A0534 RT4105B HADOOP AND BIG DATA 26 29 3	3
15A91A0534 RT4105L UML AND DESIGN PATTERNS LAB 22 40 2	2
15A91A0534 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 42 2	2
15A91A0534 RT4105N SOFTWARE TESTING LAB 23 46 2	2
15A91A0534 RT4105O HADOOP AND BIGDATA LAB 22 42 2	2
15A91A0535 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 33 3	3
15A91A0535 RT41052 UML AND DESIGN PATTERNS 22 32 3	3
15A91A0535 RT41053 MOBILE COMPUTING 19 39 3	3
15A91A0535 RT41054 SOFTWARE TESTING METHODOLOGIES 26 40 3	3
15A91A0535 RT4105B HADOOP AND BIG DATA 26 39 3	
15A91A0535 RT4105L UML AND DESIGN PATTERNS LAB 21 42 2	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0535	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	39	2
15A91A0535	RT4105N	SOFTWARE TESTING LAB	20	37	2
15A91A0535	RT4105O	HADOOP AND BIGDATA LAB	20	38	2
15A91A0537	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	46	3
15A91A0537	RT41052	UML AND DESIGN PATTERNS	28	28	3
15A91A0537	RT41053	MOBILE COMPUTING	30	29	3
15A91A0537	RT41057	ARTIFICIAL INTELLIGENCE	24	26	3
15A91A0537	RT4105D	MACHINE LEARNING	28	28	3
15A91A0537	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A0537	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A0537	RT4105N	SOFTWARE TESTING LAB	22	48	2
15A91A0537	RT4105O	HADOOP AND BIGDATA LAB	21	45	2
15A91A0538	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	35	3
15A91A0538	RT41052	UML AND DESIGN PATTERNS	28	39	3
15A91A0538	RT41053	MOBILE COMPUTING	27	32	3
15A91A0538	RT41057	ARTIFICIAL INTELLIGENCE	24	38	3
15A91A0538	RT4105D	MACHINE LEARNING	26	30	3
15A91A0538	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A0538	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A0538	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A91A0538	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15A91A0539	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	29	3
15A91A0539	RT41052	UML AND DESIGN PATTERNS	26	35	3
15A91A0539	RT41053	MOBILE COMPUTING	24	32	3
15A91A0539	RT41054	SOFTWARE TESTING METHODOLOGIES	27	38	3
15A91A0539	RT4105B	HADOOP AND BIG DATA	28	32	3
15A91A0539	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
15A91A0539	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15A91A0539	RT4105N	SOFTWARE TESTING LAB	22	46	2
15A91A0539	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15A91A0540	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	40	3
15A91A0540	RT41052	UML AND DESIGN PATTERNS	26	45	3
15A91A0540	RT41053	MOBILE COMPUTING	28	29	3
15A91A0540	RT41057	ARTIFICIAL INTELLIGENCE	27	29	3
15A91A0540	RT4105D	MACHINE LEARNING	24	30	3
15A91A0540	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A91A0540	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A0540	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A91A0540	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
15A91A0543	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	60	3
15A91A0543	RT41052	UML AND DESIGN PATTERNS	29	34	3
15A91A0543	RT41053	MOBILE COMPUTING	29	42	3
15A91A0543	RT41057	ARTIFICIAL INTELLIGENCE	30	43	3
15A91A0543	RT4105D	MACHINE LEARNING	29	32	3
15A91A0543	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15A91A0543	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
15A91A0543	RT4105N	SOFTWARE TESTING LAB	25	50	2
15A91A0543	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A91A0544	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	30	3
15A91A0544	RT41052	UML AND DESIGN PATTERNS	23	33	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0544	RT41053	MOBILE COMPUTING	26	29	3
15A91A0544	RT41057	ARTIFICIAL INTELLIGENCE	22	44	3
15A91A0544	RT4105D	MACHINE LEARNING	20	26	3
15A91A0544	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15A91A0544	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	41	2
15A91A0544	RT4105N	SOFTWARE TESTING LAB	22	42	2
15A91A0544	RT4105O	HADOOP AND BIGDATA LAB	21	41	2
15A91A0545	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	26	3
15A91A0545	RT41052	UML AND DESIGN PATTERNS	24	30	3
15A91A0545	RT41053	MOBILE COMPUTING	25	33	3
15A91A0545	RT41054	SOFTWARE TESTING METHODOLOGIES	29	31	3
15A91A0545	RT4105B	HADOOP AND BIG DATA	29	33	3
15A91A0545	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15A91A0545	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	43	2
15A91A0545	RT4105N	SOFTWARE TESTING LAB	23	45	2
15A91A0545	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15A91A0546	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	33	3
15A91A0546	RT41052	UML AND DESIGN PATTERNS	23	36	3
15A91A0546	RT41053	MOBILE COMPUTING	24	32	3
15A91A0546	RT41054	SOFTWARE TESTING METHODOLOGIES	29	30	3
15A91A0546	RT4105B	HADOOP AND BIG DATA	28	33	3
15A91A0546	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A0546	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15A91A0546	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A91A0546	RT4105O	HADOOP AND BIGDATA LAB	22	43	2
15A91A0547	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	45	3
15A91A0547	RT41052	UML AND DESIGN PATTERNS	26	41	3
15A91A0547	RT41053	MOBILE COMPUTING	30	52	3
15A91A0547	RT41057	ARTIFICIAL INTELLIGENCE	28	61	3
15A91A0547	RT4105D	MACHINE LEARNING	26	42	3
15A91A0547	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A0547	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15A91A0547	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A91A0547	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
15A91A0548	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	62	3
15A91A0548	RT41052	UML AND DESIGN PATTERNS	28	37	3
15A91A0548	RT41053	MOBILE COMPUTING	29	32	3
15A91A0548	RT41057	ARTIFICIAL INTELLIGENCE	23	41	3
15A91A0548	RT4105D	MACHINE LEARNING	29	32	3
15A91A0548	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15A91A0548	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A0548	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A91A0548	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15A91A0549	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	24	3
15A91A0549	RT41052	UML AND DESIGN PATTERNS	21	24	3
15A91A0549	RT41053	MOBILE COMPUTING	12	5	0
15A91A0549	RT41054	SOFTWARE TESTING METHODOLOGIES	16	0	0
15A91A0549	RT4105B	HADOOP AND BIG DATA	18	36	3
15A91A0549	RT4105L	UML AND DESIGN PATTERNS LAB	15	34	2
15A91A0549	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	14	33	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0549	RT4105N	SOFTWARE TESTING LAB	17	32	2
15A91A0549	RT4105O	HADOOP AND BIGDATA LAB	15	30	2
15A91A0550	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	31	3
15A91A0550	RT41052	UML AND DESIGN PATTERNS	23	35	3
15A91A0550	RT41053	MOBILE COMPUTING	23	25	3
15A91A0550	RT41054	SOFTWARE TESTING METHODOLOGIES	24	28	3
15A91A0550	RT4105B	HADOOP AND BIG DATA	25	32	3
15A91A0550	RT4105L	UML AND DESIGN PATTERNS LAB	19	39	2
15A91A0550	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	41	2
15A91A0550	RT4105N	SOFTWARE TESTING LAB	21	41	2
15A91A0550	RT4105O	HADOOP AND BIGDATA LAB	19	37	2
15A91A0551	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	44	3
15A91A0551	RT41052	UML AND DESIGN PATTERNS	23	35	3
15A91A0551	RT41053	MOBILE COMPUTING	24	30	3
15A91A0551	RT41054	SOFTWARE TESTING METHODOLOGIES	26	30	3
15A91A0551	RT4105B	HADOOP AND BIG DATA	29	38	3
15A91A0551	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15A91A0551	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	43	2
15A91A0551	RT4105N	SOFTWARE TESTING LAB	23	44	2
15A91A0551	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15A91A0552	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	49	3
15A91A0552	RT41052	UML AND DESIGN PATTERNS	26	34	3
15A91A0552	RT41053	MOBILE COMPUTING	27	34	3
15A91A0552	RT41054	SOFTWARE TESTING METHODOLOGIES	30	42	3
15A91A0552	RT4105D	MACHINE LEARNING	26	26	3
15A91A0552	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15A91A0552	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15A91A0552	RT4105N	SOFTWARE TESTING LAB	25	50	2
15A91A0552	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
15A91A0553	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	37	3
15A91A0553	RT41052	UML AND DESIGN PATTERNS	26	37	3
15A91A0553	RT41053	MOBILE COMPUTING	26	36	3
15A91A0553	RT41057	ARTIFICIAL INTELLIGENCE	29	24	3
15A91A0553	RT4105D	MACHINE LEARNING	23	30	3
15A91A0553	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A0553	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
15A91A0553	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A91A0553	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15A91A0554	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	37	3
15A91A0554	RT41052	UML AND DESIGN PATTERNS	21	38	3
15A91A0554	RT41053	MOBILE COMPUTING	23	8	0
15A91A0554	RT41054	SOFTWARE TESTING METHODOLOGIES	20	42	3
15A91A0554	RT4105B	HADOOP AND BIG DATA	21	24	3
15A91A0554	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15A91A0554	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	41	2
15A91A0554	RT4105N	SOFTWARE TESTING LAB	22	40	2
15A91A0554	RT4105O	HADOOP AND BIGDATA LAB	21	39	2
15A91A0555	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	8	0
15A91A0555	RT41052	UML AND DESIGN PATTERNS	18	25	3
15A91A0555	RT41053	MOBILE COMPUTING	17	27	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0555	RT41054	SOFTWARE TESTING METHODOLOGIES	20	26	3
15A91A0555	RT4105B	HADOOP AND BIG DATA	14	27	3
15A91A0555	RT4105L	UML AND DESIGN PATTERNS LAB	14	32	2
15A91A0555	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	36	2
15A91A0555	RT4105N	SOFTWARE TESTING LAB	20	38	2
15A91A0555	RT4105O	HADOOP AND BIGDATA LAB	14	25	2
15A91A0556	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	38	3
15A91A0556	RT41052	UML AND DESIGN PATTERNS	27	34	3
15A91A0556	RT41053	MOBILE COMPUTING	29	34	3
15A91A0556	RT41057	ARTIFICIAL INTELLIGENCE	27	45	3
15A91A0556	RT4105D	MACHINE LEARNING	26	28	3
15A91A0556	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15A91A0556	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A0556	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A91A0556	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
15A91A0557	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	32	3
15A91A0557	RT41052	UML AND DESIGN PATTERNS	22	26	3
15A91A0557	RT41053	MOBILE COMPUTING	22	33	3
15A91A0557	RT41057	ARTIFICIAL INTELLIGENCE	27	29	3
15A91A0557	RT4105D	MACHINE LEARNING	18	24	3
15A91A0557	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15A91A0557	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	42	2
15A91A0557	RT4105N	SOFTWARE TESTING LAB	22	42	2
15A91A0557	RT4105O	HADOOP AND BIGDATA LAB	20	37	2
15A91A0558	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	41	3
15A91A0558	RT41052	UML AND DESIGN PATTERNS	27	49	3
15A91A0558	RT41053	MOBILE COMPUTING	25	39	3
15A91A0558	RT41057	ARTIFICIAL INTELLIGENCE	23	48	3
15A91A0558	RT4105D	MACHINE LEARNING	18	30	3
15A91A0558	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15A91A0558	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A0558	RT4105N	SOFTWARE TESTING LAB	24	44	2
15A91A0558	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15A91A0561	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	43	3
15A91A0561	RT41052	UML AND DESIGN PATTERNS	28	36	3
15A91A0561	RT41053	MOBILE COMPUTING	30	43	3
15A91A0561	RT41057	ARTIFICIAL INTELLIGENCE	29	51	3
15A91A0561	RT4105B	HADOOP AND BIG DATA	29	38	3
15A91A0561	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A0561	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A0561	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A91A0561	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
15A91A0562	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	43	3
15A91A0562	RT41052	UML AND DESIGN PATTERNS	28	39	3
15A91A0562	RT41053	MOBILE COMPUTING	30	41	3
15A91A0562	RT41057	ARTIFICIAL INTELLIGENCE	30	50	3
15A91A0562	RT4105B	HADOOP AND BIG DATA	30	33	3
15A91A0562	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A0562	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15A91A0562	RT4105N	SOFTWARE TESTING LAB	24	49	2

15A91A0562 RT41050 HADOOP AND BIGDATA LAB 24 49 2 15A91A0563 RT41052 CRYPTOGRAPHY AND NETWORK SECURITY 23 34 3 3 3 3 3 3 3 3	Htno	Subcode	Subname	Internal	External	Credits
15A91A0563 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 23 34 3 3 15A91A0563 RT41052 UML AND DESIGN PATTERNS 26 38 3 3 3 15A91A0563 RT41057 ARTIFICIAL INTELLIGENCE 21 36 3 3 15A91A0563 RT41057 ARTIFICIAL INTELLIGENCE 21 36 3 3 15A91A0563 RT41057 MACHINE LEARNING 30 28 3 15A91A0563 RT41058 MACHINE LEARNING 30 28 3 15A91A0563 RT4105M MACHINE LEARNING 30 25 49 2 2 2 2 2 2 2 2 2	15A91A0562	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
15.691-0.0563 RT41052 UML AND DESIGN PATTERNS 26 38 3 3 16.891-0.0663 RT41053 MOBILE COMPUTING 29 32 3 3 3 15.891-0.0663 RT41050 MACHINE LEARNING 20 3.2 3 3 15.891-0.0653 RT41050 MACHINE LEARNING 30 22 4 9 2 15.891-0.0653 RT41050 MACHINE LEARNING 30 22 4 49 2 2 15.891-0.0653 RT41050 MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 2 15.891-0.0653 RT41050 MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 2 15.891-0.0654 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 17 30 3 3 3 3 3 3 3 3						
15A91A0563 RT41053 MOBILE COMPUTING 29 32 3 3 15A91A0563 RT41057 ARTIFICIAL INTELLIGENCE 21 36 3 3 3 3 3 3 3 3						
15A91A0563 RT41057 ARTIFICIAL INTELLIGENCE 21 36 3 3 15A91A0563 RT4105L MACHINE LEARNING 30 28 3 3 3 15A91A0563 RT4105L MUL AND DESIGN PATTERNS LAB 25 49 2 2 15A91A0563 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 2 15A91A0563 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 2 2 46 2 2 46 2 2 46 2 2 46 2 2 46 2 2 46 2 46 2 46 2 46 2 46 2 46 2 46 2 46 2 46 2 46 2 46 46						
15A91A0563 RT4105D MACHINE LEARNING 30 28 3 15A91A0563 RT4105L UML AND DESIGN PATTERNS LAB 22 49 2 2 2 2 46 2 2 2 2 2 2 4 2 2 2						
15A91A0563 RT4105L UML AND DESIGN PATTERNS LAB 2						
15A91A0563 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A0563 RT4105O ALDO PAIN DEIGNATA LAB 22 48 2 2 2 2 2 3 3 3 3 3						
15A91A0563 RT4105N SOFTWARE TESTING LAB 24 48 2 15A91A0563 RT4105O HADOOP AND BIGGDATA LAB 22 46 2 15A91A0564 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 17 30 3 15A91A0564 RT41052 UML AND DESIGN PATTERNS 19 31 3 15A91A0564 RT41053 MOBILE COMPUTING 21 32 3 15A91A0564 RT4105D MACHINE LEARNING 11 29 3 15A91A0564 RT4105D MACHINE LEARNING 11 29 3 15A91A0564 RT4105D MACHINE LEARNING 11 29 3 15A91A0564 RT4105D MMGBILE APPLICATION DEVELOPMENT LAB 16 34 2 15A91A0564 RT41050 HADOOP AND BIGDATA LAB 16 34 2 15A91A0566 RT41050 HADOOP AND BIGDATA LAB 15 30 2 15A91A0566 RT41057 ARTIFICIAL INTELLIGENCE 28 37 3			MOBILE APPLICATION DEVELOPMENT LAB			
15A91A0566						
15A91A0564 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 17 30 3 15A91A0564 RT41052 UML AND DESIGN PATTERNS 19 31 3 3 15A91A0564 RT41053 MOBILE COMPUTING 21 32 3 3 15A91A0564 RT41057 ARTIFICIAL INTELLIGENCE 20 24 3 3 15A91A0564 RT4105D MACHINE LEARNING 11 29 3 3 15A91A0564 RT4105D MACHINE LEARNING 11 29 3 3 15A91A0564 RT4105D MACHINE LEARNING 11 29 3 3 15A91A0564 RT4105L UML AND DESIGN PATTERNS LAB 16 33 2 15A91A0564 RT4105D MACHINE LEARNING 16 33 2 15A91A0564 RT4105D MACHINE LEARNING 16 33 2 15A91A0564 RT4105D MACHINE LEARNING 16 33 2 15A91A0566 RT4105D CRYPTOGRAPHY AND NETWORK SECURITY 28 44 3 15A91A0566 RT41052 UML AND DESIGN PATTERNS 27 35 3 3 15A91A0566 RT41053 MOBILE COMPUTING 27 31 3 3 15A91A0566 RT41055 ARTIFICIAL INTELLIGENCE 28 37 3 15A91A0566 RT41055 DIGITAL FORENSICS 25 28 3 3 15A91A0566 RT4105D UML AND DESIGN PATTERNS LAB 23 48 2 2 2 2 2 2 3 3 2 2						
15A91A0564 RT41052 UML AND DESIGN PATTERNS 19 31 3 3 3 3 3 3 3 3						
15A91A0564 RT41053 MOBILE COMPUTING 21 32 3 3 15A91A0564 RT41057 ARTIFICIAL INTELLIGENCE 20 24 3 3 15A91A0564 RT4105L UML AND DESIGN PATTERNS LAB 12 35 2 15A91A0564 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 33 2 15A91A0564 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 16 33 2 15A91A0564 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 16 34 2 15A91A0566 RT4105N CRYPTOGRAPHY AND NETWORK SECURITY 28 44 3 3 15A91A0566 RT41051 UML AND DESIGN PATTERNS 27 35 3 3 15A91A0566 RT41052 UML AND DESIGN PATTERNS 27 35 3 3 15A91A0566 RT41053 MOBILE COMPUTING 27 31 3 3 15A91A0566 RT41053 MOBILE COMPUTING 27 31 3 15A91A0566 RT41054 ARTIFICIAL INTELLIGENCE 28 37 3 15A91A0566 RT41054 UML AND DESIGN PATTERNS 25 28 3 15A91A0566 RT41051 UML AND DESIGN PATTERNS LAB 23 48 2 2 2 2 2 2 2 2 2						
15A91A0564 RT41057						
15A91A0564 RT4105L						
15A91A0564 RT4105L UML AND DESIGN PATTERNS LAB 12 35 2						
15A91A0564 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 33 2 15A91A0564 RT4105N SOFTWARE TESTING LAB 16 34 2 15A91A0564 RT4105D HADOOP AND BIGDATA LAB 15 30 2 15A91A0566 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 44 3 15A91A0566 RT41051 UML AND DESIGN PATTERNS 27 35 3 15A91A0566 RT41052 UML AND DESIGN PATTERNS 27 31 3 15A91A0566 RT41053 MOBILE COMPUTING 27 31 3 15A91A0566 RT4105A ARTIFICIAL INTELLIGENCE 28 37 3 15A91A0566 RT4105D JORTAL FORENSICS 25 28 3 15A91A0566 RT4105L JML AND DESIGN PATTERNS LAB 23 48 2 15A91A0566 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A0567 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 36<						
15A91A0564 RT4105N SOFTWARE TESTING LAB 16 34 2 15A91A0564 RT41050 HADOOP AND BIGDATA LAB 15 30 2 15A91A0566 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 44 3 15A91A0566 RT41052 UML AND DESIGN PATTERNS 27 35 3 15A91A0566 RT41057 ARTIFICIAL INTELLIGENCE 28 37 3 15A91A0566 RT4105A DIGITAL FORENSICS 25 28 3 15A91A0566 RT4105L UML AND DESIGN PATTERNS LAB 23 48 2 15A91A0566 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A0566 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A0566 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A0567 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 36 3 15A91A0567 RT41051 MAID DESIGN PATTERNS						
15A91A0564 RT41050 HADOOP AND BIGDATA LAB 15 30 2 15A91A0566 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 44 3 15A91A0566 RT41052 UML AND DESIGN PATTERNS 27 35 3 15A91A0566 RT41057 ARTIFICIAL INTELLIGENCE 28 37 3 15A91A0566 RT4105A DIGITAL FORENSICS 25 28 3 15A91A0566 RT4105A DIGITAL FORENSICS 25 28 3 15A91A0566 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A0566 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A0566 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A0566 RT41050 HADOOP AND BIGDATA LAB 23 48 2 15A91A0567 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 36 3 15A91A0567 RT41051 MIL AND DESIGN PATTERNS <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
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15A91A0567 RT4105N SOFTWARE TESTING LAB 23 47 2 15A91A0567 RT4105O HADOOP AND BIGDATA LAB 23 46 2 15A91A0568 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 18 24 3 15A91A0568 RT41052 UML AND DESIGN PATTERNS 18 15 0 15A91A0568 RT41053 MOBILE COMPUTING 19 27 3 15A91A0568 RT41057 ARTIFICIAL INTELLIGENCE 22 15 0 15A91A0568 RT4105D MACHINE LEARNING 16 17 0 15A91A0568 RT4105L UML AND DESIGN PATTERNS LAB 21 46 2 15A91A0568 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0568 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41052 UML AND DESIGN PATTERNS 28 32 3 15A91A0569 RT41053 MOBILE COMPUTING	15A91A0567	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A91A0567 RT41050 HADOOP AND BIGDATA LAB 23 46 2 15A91A0568 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 18 24 3 15A91A0568 RT41052 UML AND DESIGN PATTERNS 18 15 0 15A91A0568 RT41053 MOBILE COMPUTING 19 27 3 15A91A0568 RT41057 ARTIFICIAL INTELLIGENCE 22 15 0 15A91A0568 RT4105D MACHINE LEARNING 16 17 0 15A91A0568 RT4105L UML AND DESIGN PATTERNS LAB 21 46 2 15A91A0568 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0568 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41052 UML AND DESIGN PATTERNS 28 32 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0567	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15A91A0568 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 18 24 3 15A91A0568 RT41052 UML AND DESIGN PATTERNS 18 15 0 15A91A0568 RT41053 MOBILE COMPUTING 19 27 3 15A91A0568 RT41057 ARTIFICIAL INTELLIGENCE 22 15 0 15A91A0568 RT4105D MACHINE LEARNING 16 17 0 15A91A0568 RT4105L UML AND DESIGN PATTERNS LAB 21 46 2 15A91A0568 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0568 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0568 RT4105O HADOOP AND BIGDATA LAB 21 43 2 15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0567	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A91A0568 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 18 24 3 15A91A0568 RT41052 UML AND DESIGN PATTERNS 18 15 0 15A91A0568 RT41053 MOBILE COMPUTING 19 27 3 15A91A0568 RT41057 ARTIFICIAL INTELLIGENCE 22 15 0 15A91A0568 RT4105D MACHINE LEARNING 16 17 0 15A91A0568 RT4105L UML AND DESIGN PATTERNS LAB 21 46 2 15A91A0568 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0568 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0568 RT4105O HADOOP AND BIGDATA LAB 21 43 2 15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3			HADOOP AND BIGDATA LAB		46	2
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15A91A0568 RT41057 ARTIFICIAL INTELLIGENCE 22 15 0 15A91A0568 RT4105D MACHINE LEARNING 16 17 0 15A91A0568 RT4105L UML AND DESIGN PATTERNS LAB 21 46 2 15A91A0568 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0568 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0568 RT4105O HADOOP AND BIGDATA LAB 21 43 2 15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41052 UML AND DESIGN PATTERNS 28 32 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0568	RT41052	UML AND DESIGN PATTERNS	18	15	0
15A91A0568 RT4105D MACHINE LEARNING 16 17 0 15A91A0568 RT4105L UML AND DESIGN PATTERNS LAB 21 46 2 15A91A0568 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0568 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0568 RT4105O HADOOP AND BIGDATA LAB 21 43 2 15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41052 UML AND DESIGN PATTERNS 28 32 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0568	RT41053	MOBILE COMPUTING	19	27	3
15A91A0568 RT4105L UML AND DESIGN PATTERNS LAB 21 46 2 15A91A0568 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0568 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0568 RT4105O HADOOP AND BIGDATA LAB 21 43 2 15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41052 UML AND DESIGN PATTERNS 28 32 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0568	RT41057	ARTIFICIAL INTELLIGENCE	22	15	0
15A91A0568 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0568 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0568 RT4105O HADOOP AND BIGDATA LAB 21 43 2 15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41052 UML AND DESIGN PATTERNS 28 32 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0568	RT4105D	MACHINE LEARNING	16	17	0
15A91A0568 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0568 RT4105O HADOOP AND BIGDATA LAB 21 43 2 15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41052 UML AND DESIGN PATTERNS 28 32 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0568	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15A91A0568 RT41050 HADOOP AND BIGDATA LAB 21 43 2 15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41052 UML AND DESIGN PATTERNS 28 32 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0568	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A91A0569 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 33 3 15A91A0569 RT41052 UML AND DESIGN PATTERNS 28 32 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0568	RT4105N	SOFTWARE TESTING LAB	22	44	2
15A91A0569 RT41052 UML AND DESIGN PATTERNS 28 32 3 15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0568	RT41050	HADOOP AND BIGDATA LAB	21	43	2
15A91A0569 RT41053 MOBILE COMPUTING 25 31 3	15A91A0569	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	33	3
	15A91A0569	RT41052	UML AND DESIGN PATTERNS	28	32	3
15A01A0560 DT41057 APTIGICIAL INTELLICENCE	15A91A0569	RT41053	MOBILE COMPUTING	25	31	3
1949 1AUSOS KT41US/ AKTIFICIAL INTELLIGENCE 29 29 3	15A91A0569	RT41057	ARTIFICIAL INTELLIGENCE	29	29	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A0569	RT4105A	DIGITAL FORENSICS	25	35	3
15A91A0569	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15A91A0569	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A0569	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A91A0569	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15A91A0570	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	50	3
15A91A0570	RT41052	UML AND DESIGN PATTERNS	25	36	3
15A91A0570	RT41053	MOBILE COMPUTING	25	42	3
15A91A0570	RT41057	ARTIFICIAL INTELLIGENCE	25	31	3
15A91A0570	RT4105A	DIGITAL FORENSICS	23	30	3
15A91A0570	RT4105L	UML AND DESIGN PATTERNS LAB	14	44	2
15A91A0570	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	36	2
15A91A0570	RT4105N	SOFTWARE TESTING LAB	18	42	2
15A91A0570	RT4105O	HADOOP AND BIGDATA LAB	16	38	2
15A91A0571	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	37	3
15A91A0571	RT41052	UML AND DESIGN PATTERNS	21	37	3
15A91A0571	RT41053	MOBILE COMPUTING	24	38	3
15A91A0571	RT41057	ARTIFICIAL INTELLIGENCE	22	27	3
15A91A0571	RT4105A	DIGITAL FORENSICS	24	40	3
15A91A0571	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15A91A0571	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	43	2
15A91A0571	RT4105N	SOFTWARE TESTING LAB	20	42	2
15A91A0571	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15A91A0572	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	39	3
15A91A0572	RT41052	UML AND DESIGN PATTERNS	30	54	3
15A91A0572	RT41053	MOBILE COMPUTING	28	53	3
15A91A0572	RT41057	ARTIFICIAL INTELLIGENCE	30	34	3
15A91A0572	RT4105A	DIGITAL FORENSICS	26	34	3
15A91A0572	RT4105L	UML AND DESIGN PATTERNS LAB	22	49	2
15A91A0572	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A0572	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A91A0572	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15A91A0574	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	0	0
15A91A0574	RT41052	UML AND DESIGN PATTERNS	17	25	3
15A91A0574	RT41053	MOBILE COMPUTING	12	3	0
15A91A0574	RT41057	ARTIFICIAL INTELLIGENCE	5	0	0
15A91A0574	RT4105D	MACHINE LEARNING	5	0	0
15A91A0574	RT4105L	UML AND DESIGN PATTERNS LAB	12	36	2
15A91A0574	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	16	32	2
15A91A0574	RT4105N	SOFTWARE TESTING LAB	16	34	2
15A91A0574	RT4105O	HADOOP AND BIGDATA LAB	16	28	2
15A91A0575	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	29	3
15A91A0575	RT41052	UML AND DESIGN PATTERNS	23	35	3
15A91A0575	RT41053	MOBILE COMPUTING	19	39	3
15A91A0575	RT41057	ARTIFICIAL INTELLIGENCE	27	24	3
15A91A0575	RT4105A	DIGITAL FORENSICS	23	34	3
15A91A0575	RT4105L	UML AND DESIGN PATTERNS LAB	20	44	2
15A91A0575	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
15A91A0575	RT4105N	SOFTWARE TESTING LAB	21	43	2
15A91A0575	RT4105O	HADOOP AND BIGDATA LAB	22	45	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A0576	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	36	3
15A91A0576	RT41052	UML AND DESIGN PATTERNS	25	42	3
15A91A0576	RT41053	MOBILE COMPUTING	25	36	3
15A91A0576	RT41057	ARTIFICIAL INTELLIGENCE	29	41	3
15A91A0576	RT4105A	DIGITAL FORENSICS	24	36	3
15A91A0576	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A91A0576	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A91A0576	RT4105N	SOFTWARE TESTING LAB	22	46	2
15A91A0576	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15A91A0577	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	37	3
15A91A0577	RT41052	UML AND DESIGN PATTERNS	25	37	3
15A91A0577	RT41053	MOBILE COMPUTING	26	44	3
15A91A0577	RT41057	ARTIFICIAL INTELLIGENCE	30	36	3
15A91A0577	RT4105B	HADOOP AND BIG DATA	30	39	3
15A91A0577	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A91A0577	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A0577	RT4105N	SOFTWARE TESTING LAB	22	47	2
15A91A0577	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15A91A0578	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	8	0
15A91A0578	RT41052	UML AND DESIGN PATTERNS	17	25	3
15A91A0578	RT41053	MOBILE COMPUTING	23	17	0
15A91A0578	RT41057	ARTIFICIAL INTELLIGENCE	24	12	0
15A91A0578	RT4105A	DIGITAL FORENSICS	19	30	3
15A91A0578	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15A91A0578	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A0578	RT4105N	SOFTWARE TESTING LAB	22	42	2
15A91A0578	RT4105O	HADOOP AND BIGDATA LAB	22	35	2
15A91A0579	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	52	3
15A91A0579	RT41052	UML AND DESIGN PATTERNS	28	35	3
15A91A0579	RT41053	MOBILE COMPUTING	29	39	3
15A91A0579	RT41057	ARTIFICIAL INTELLIGENCE	30	50	3
15A91A0579	RT4105A	DIGITAL FORENSICS	27	36	3
15A91A0579	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A91A0579	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A91A0579	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A91A0579	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A91A0580	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	29	3
15A91A0580	RT41052	UML AND DESIGN PATTERNS	23	30	3
15A91A0580	RT41053	MOBILE COMPUTING	26	31	3
15A91A0580	RT41057	ARTIFICIAL INTELLIGENCE	29	37	3
15A91A0580	RT4105A	DIGITAL FORENSICS	24	30	3
15A91A0580	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A91A0580	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A91A0580	RT4105N	SOFTWARE TESTING LAB	21	44	2
15A91A0580	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15A91A0581	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	39	3
15A91A0581	RT41052	UML AND DESIGN PATTERNS	30	39	3
15A91A0581	RT41053	MOBILE COMPUTING	26	40	3
15A91A0581	RT41057	ARTIFICIAL INTELLIGENCE	30	49	3
15A91A0581	RT4105A	DIGITAL FORENSICS	25	32	3

15A91A0581 RT4105L	Htno	Subcode	Subname	Internal	External	Credits
15A91A0581 RT4105N SOFTWARE TESTING LAB 24 46 2	15A91A0581	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A91A0581 RT41050 HADOOP AND BIGDATA LAB 22 45 2 15A91A0583 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 39 3 3 3 15A91A0583 RT41052 UML AND DESIGN PATTERNS 28 48 3 3 15A91A0583 RT41053 MOBILE COMPUTING 29 41 3 3 15A91A0583 RT41053 MOBILE COMPUTING 30 56 3 3 15A91A0583 RT41054 AHDOOP AND BIG DATA 30 56 3 3 15A91A0583 RT41054 AHDOOP AND BIG DATA 30 56 3 3 3 47 2 15A91A0583 RT41054 AHDOOP AND BIG DATA 30 56 3 3 3 47 2 15A91A0583 RT41054 AHDOOP AND BIG DATA 47 2 15A91A0583 RT41054 AHDOOP AND BIGDATA LAB 24 47 2 15A91A0583 RT41054 AHDOOP AND BIGDATA LAB 22 45 2 2 2 2 3 3 3 3 3 3	15A91A0581	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A0583 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 39 3 3 15A91A0583 RT41052 UML AND DESIGN PATTERNS 28 48 3 3 15A91A0583 RT41057 ARTIFICIAL INTELLIGENCE 30 58 3 3 15A91A0583 RT41057 ARTIFICIAL INTELLIGENCE 30 56 3 3 3 3 47 2 2 3 3 47 2 2 3 3 3 3 3 3 3 3	15A91A0581	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A91A0583 RT41052 UML AND DESIGN PATTERNS 28 48 3 15A91A0583 RT41057 MOBILE COMPUTING 29 41 3 15A91A0583 RT41058 ATHIFICIAL INTELLIGENCE 30 58 3 15A91A0583 RT41058 HADOOP AND BIG DATA 30 56 3 15A91A0583 RT41051 UML AND DESIGN PATTERNS LAB 23 47 2 15A91A0583 RT4105N ROBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0583 RT4105N SOFTWARE TESTING LAB 24 47 2 15A91A0584 RT4105N SOFTWARE TESTING LAB 22 45 2 15A91A0584 RT41050 HADOOP AND BIGDATA LAB 22 45 2 15A91A0584 RT41052 UML AND DESIGN PATTERNS 26 32 3 15A91A0584 RT41052 UML AND DESIGN PATTERNS 26 36 3 15A91A0584 RT41057 ARTIFICIAL INTELLIGENCE 29 30 3 15A91A0584 RT4105A DIGITAL FORENSICS 24 30 3 15A91A0584 RT4105A DIGITAL FORENSICS 24 30 3 15A91A0584 RT4105A DIGITAL FORENSICS 24 30 3 15A91A0584 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0585 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0586 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0586 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0586 RT4105N MOBILE CAPPUTING 27 39 3 15A91A0586 RT4105N MOBILE CAPPUTING 27 39	15A91A0581	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15A91A0583 RT41053 MOBILE COMPUTING 29 41 3 15A91A0583 RT41056 RT41056 ARTIFICIAL INTELLIGENCE 30 58 3 15A91A0583 RT4105M ARTIFICIAL INTELLIGENCE 30 58 3 15A91A0583 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0583 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0583 RT4105M SOFTWARE TESTING LAB 24 47 2 15A91A0583 RT4105M ARTIFICIAL INTELLIGENCE 29 30 3 15A91A0584 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 30 3 15A91A0584 RT41052 MOBILE COMPUTING 26 36 3 15A91A0584 RT41057 ARTIFICIAL INTELLIGENCE 29 30 3 15A91A0584 RT41057 ARTIFICIAL INTELLIGENCE 29 30 3 15A91A0584 RT41058 UML AND DESIGN PATTERNS LAB 21 48 2 15A91A0584 RT41058 UML AND DESIGN PATTERNS LAB 21 48 2 15A91A0584 RT41058 MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0585 RT41058 MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0586 RT41050 HADOOP AND BIGDATA LAB 23 47 2 15A91A0586 RT41050 HADOOP AND BIGDATA LAB 23 47 2 15A91A0587 RT41058 MOBILE COMPUTING 27 33 3 15A91A0588 RT41050 HADOOP AND BIGDATA LAB 23 47 2 15A91A0585 RT41050 MOBILE COMPUTING 27 33 3 15A91A0585 RT41050 MOBILE COMPUTING 27 33 3 15A91A0585 RT41050 MUL AND DESIGN PATTERNS LAB 23 47 2 15A91A0585 RT41050 MUL AND DESIGN PATTERNS LAB 23 47 2 15A91A0586 RT41050 MUL AND DESIGN PATTERNS LAB 23 47 2 15A91A0586 RT41050 MUL AND DESIGN PATTERNS LAB 23 47 2 15A91A0587 RT41058 MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0588 RT41050 MUL AND DESIGN PATTERNS LAB 21 47 2 15A91A0588 RT41050 MUL AND DESIGN PATTERNS LAB 21 47 2 15A91A0586 RT41050 MUL AND DESIGN PATTERNS LAB 21 47 2 15A91A0586 RT41050 MUL AND DESIGN PATTERNS LAB 22 46 2 15A91A0586 RT41050 MUL	15A91A0583	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	39	3
15A91A0583 RT41057 ARTIFICIAL INTELLIGENCE 30 58 3 15A91A0583 RT41058 HADOOP AND BIG DATA 30 56 3 3 15A91A0583 RT41058 MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 2 15A91A0583 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 2 15A91A0583 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A0583 RT4105N CRYPTOGRAPHY AND NETWORK SECURITY 29 30 3 3 3 3 3 3 3 3	15A91A0583	RT41052	UML AND DESIGN PATTERNS	28	48	3
15A91A0583 RT4105B HADOOP AND BIG DATA 30 56 3 15A91A0583 RT4105K TAT105K	15A91A0583	RT41053	MOBILE COMPUTING	29	41	3
15A91A0583 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 2 2 15A91A0583 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 2 15A91A0583 RT4105D HADOOP AND BIGDATA LAB 22 45 2 2 15A91A0584 RT4105L CRYPTOGRAPHY AND NETWORK SECURITY 29 30 3 3 3 3 3 3 3 3	15A91A0583	RT41057	ARTIFICIAL INTELLIGENCE	30	58	3
15A91A0583	15A91A0583	RT4105B	HADOOP AND BIG DATA	30	56	3
15A91A0583 RT4105N SOFTWARE TESTING LAB 24 47 2 15A91A0583 RT4105D HADOOP AND BIGDATA LAB 22 45 2 15A91A0584 RT41052 UML AND DESIGN PATTERNS 26 32 3 15A91A0584 RT41052 UML AND DESIGN PATTERNS 26 36 3 15A91A0584 RT41057 ARTIFICIAL INTELLIGENCE 29 30 3 15A91A0584 RT41057 ARTIFICIAL INTELLIGENCE 29 30 3 15A91A0584 RT4105D DIGITAL FORENSICS 24 30 3 15A91A0584 RT4105L UML AND DESIGN PATTERNS LAB 21 48 2 15A91A0584 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0585 RT4105D HADOOP AND BIGDATA LAB 23 47 2 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41052 UML AND DESIGN PATTERNS 26 38<	15A91A0583	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A0583	15A91A0583	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A0584 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 30 3 15A91A0584 RT41052 UML AND DESIGN PATTERNS 26 32 3 15A91A0584 RT41057 ARTIFICIAL INTELLIGENCE 29 30 3 15A91A0584 RT4105A DIGITAL FORENSICS 24 30 3 15A91A0584 RT4105L UML AND DESIGN PATTERNS LAB 21 48 2 15A91A0584 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0584 RT4105N SOFTWARE TESTING LAB 23 47 2 15A91A0585 RT4105N SOFTWARE TESTING LAB 23 47 2 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41052 UML AND DESIGN PATTERNS 26 38 3 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0586 RT41057 ARTIFICIAL INTELLIGENCE 25 </td <td>15A91A0583</td> <td>RT4105N</td> <td>SOFTWARE TESTING LAB</td> <td>24</td> <td>47</td> <td>2</td>	15A91A0583	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A91A0584 RT41052 UML AND DESIGN PATTERNS 26 32 3 15A91A0584 RT41057 MOBILE COMPUTING 26 36 3 15A91A0584 RT41057 ARTIFICIAL INTELLIGENCE 29 30 3 15A91A0584 RT4105A DIGITAL FORENSICS 24 30 3 15A91A0584 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 48 2 15A91A0584 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0584 RT41050 HADOOP AND BIGDATA LAB 23 47 2 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 38 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0586 RT41051 HADOOP AND BIGDATA 25	15A91A0583	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15A91A0584 RT41053 MOBILE COMPUTING 26 36 3 15A91A0584 RT4105A ARTIFICIAL INTELLIGENCE 29 30 3 15A91A0584 RT4105A DIGITAL FORENSICS 24 30 3 15A91A0584 RT4105M LML AND DESIGN PATTERNS LAB 21 48 2 15A91A0584 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0584 RT4105D HADOOP AND BIGDATA LAB 23 47 2 15A91A0585 RT4105I CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41052 UML AND DESIGN PATTERNS 26 38 3 15A91A0585 RT41053 MOBILE COMPUTING 27 33 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 35 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 35 3 15A91A0585 RT41050 UML AND DESIGN PATTERNS LAB 21 47	15A91A0584	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	30	3
15A91A0584 RT41057 ARTIFICIAL INTELLIGENCE 29 30 3 15A91A0584 RT4105A DIGITAL FORENSICS 24 30 3 15A91A0584 RT4105L UML AND DESIGN PATTERNS LAB 21 48 2 15A91A0584 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0584 RT4105N SOFTWARE TESTING LAB 23 47 2 15A91A0585 RT4105D HADOOP AND BIGDATA LAB 23 47 2 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41052 UML AND DESIGN PATTERNS 26 38 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0585 RT4105B HADOOP AND BIG DATA 25 35 3 15A91A0586 RT4105L UML AND DESIGN PATTERNS LAB 21 47 2 15A91A0586 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 22	15A91A0584	RT41052	UML AND DESIGN PATTERNS	26	32	3
15A91A0584 RT4105A DIGITAL FORENSICS 24 30 3 15A91A0584 RT4105L UML AND DESIGN PATTERNS LAB 21 48 2 15A91A0584 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0584 RT4105N SOFTWARE TESTING LAB 23 47 2 15A91A0585 RT4105I CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41052 UML AND DESIGN PATTERNS 26 38 3 15A91A0585 RT41053 MOBILE COMPUTING 27 33 3 15A91A0585 RT41058 HADOOP AND BIG DATA 25 35 3 15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 47 2 15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB	15A91A0584	RT41053	MOBILE COMPUTING	26	36	3
15A91A0584 RT4105L UML AND DESIGN PATTERNS LAB 21 48 2 15A91A0584 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0584 RT4105M SOFTWARE TESTING LAB 23 47 2 15A91A0584 RT4105D HADOOP AND BIGDATA LAB 23 47 2 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 33 3 15A91A0585 RT41051 MOBILE COMPUTING 27 33 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0585 RT4105B HADOOP AND BIG DATA 25 35 3 15A91A0585 RT4105L UML AND DESIGN PATTERNS LAB 21 47 2 15A91A0586 RT4105L HADOOP AND BIGDATA LAB 22 44 2 15A91A0586 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 </td <td>15A91A0584</td> <td>RT41057</td> <td>ARTIFICIAL INTELLIGENCE</td> <td>29</td> <td>30</td> <td>3</td>	15A91A0584	RT41057	ARTIFICIAL INTELLIGENCE	29	30	3
15A91A0584 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A0584 RT4105N SOFTWARE TESTING LAB 23 47 2 15A91A0584 RT4105D HADOOP AND BIGDATA LAB 23 47 2 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 33 3 15A91A0585 RT41052 UML AND DESIGN PATTERNS 26 38 3 15A91A0585 RT41053 MOBILE COMPUTING 27 33 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0585 RT4105L HADOOP AND BIG DATA 25 35 3 15A91A0585 RT4105L MOBILE APPLICATION DEVELOPMENT LAB 21 47 2 15A91A0585 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0586 RT4105D HADOOP AND BIGDATA LAB 21 44 2 15A91A0586 RT41052 UML AND DESIGN PATTERNS 26	15A91A0584	RT4105A	DIGITAL FORENSICS	24	30	3
15A91A0584 RT4105N SOFTWARE TESTING LAB 23 47 2 15A91A0584 RT41050 HADOOP AND BIGDATA LAB 23 47 2 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41052 UML AND DESIGN PATTERNS 26 38 3 15A91A0585 RT41053 MOBILE COMPUTING 27 33 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0585 RT4105B HADOOP AND BIG DATA 25 35 3 15A91A0585 RT4105L UML AND DESIGN PATTERNS LAB 21 47 2 15A91A0585 RT4105L UML AND DESIGN PATTERNS LAB 22 44 2 15A91A0585 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0586 RT4105N HADOOP AND BIGDATA LAB 21 44 2 15A91A0586 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 38 3 15A91A0586 RT41052 UML AND DESIGN PATTERNS <t< td=""><td>15A91A0584</td><td>RT4105L</td><td>UML AND DESIGN PATTERNS LAB</td><td>21</td><td>48</td><td>2</td></t<>	15A91A0584	RT4105L	UML AND DESIGN PATTERNS LAB	21	48	2
15A91A0584 RT41050 HADOOP AND BIGDATA LAB 23 47 2 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41052 UML AND DESIGN PATTERNS 26 38 3 15A91A0585 RT41053 MOBILE COMPUTING 27 33 3 15A91A0585 RT41051 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0585 RT41058 HADOOP AND BIG DATA 25 35 3 15A91A0585 RT4105L UML AND DESIGN PATTERNS LAB 21 47 2 15A91A0585 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0585 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 44 2 15A91A0586 RT4105M MOBILE COMPUTING 27 38 3 15A91A0586 RT4105A MOBILE	15A91A0584	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	
15A91A0584 RT41050 HADOOP AND BIGDATA LAB 23 47 2 15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41052 UML AND DESIGN PATTERNS 26 38 3 15A91A0585 RT41053 MOBILE COMPUTING 27 33 3 15A91A0585 RT41058 MOBILE COMPUTING 27 33 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0585 RT4105B HADOOP AND BIG DATA 25 35 3 15A91A0585 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 47 2 15A91A0585 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 44 2 15A91A0586 RT4105M HADOOP AND BIGDATA LAB 21 44 2 15A91A0586 RT4105M HADOOP AND HOTWORK SECURITY 27 38 3 15A91A0586 RT4105A MOBILE COMPUTING <td>15A91A0584</td> <td>RT4105N</td> <td>SOFTWARE TESTING LAB</td> <td></td> <td>47</td> <td>2</td>	15A91A0584	RT4105N	SOFTWARE TESTING LAB		47	2
15A91A0585 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 39 3 15A91A0585 RT41052 UML AND DESIGN PATTERNS 26 38 3 15A91A0585 RT41053 MOBILE COMPUTING 27 33 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0585 RT4105B HADOOP AND BIG DATA 25 35 3 15A91A0585 RT4105L UML AND DESIGN PATTERNS LAB 21 47 2 15A91A0585 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0585 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0586 RT4105D HADOOP AND BIGDATA LAB 21 44 2 15A91A0586 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 38 3 15A91A0586 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 44 3 15A91A0586 RT4105A DIGITAL FORENSICS 25	15A91A0584	RT4105O	HADOOP AND BIGDATA LAB		47	2
15A91A0585 RT41053 MOBILE COMPUTING 27 33 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0585 RT4105B HADOOP AND BIG DATA 25 35 3 15A91A0585 RT4105L UML AND DESIGN PATTERNS LAB 21 47 2 15A91A0585 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0585 RT4105N SOFTWARE TESTING LAB 21 44 2 15A91A0586 RT4105D HADOOP AND BIGDATA LAB 21 44 2 15A91A0586 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 38 3 15A91A0586 RT41052 UML AND DESIGN PATTERNS 26 33 3 15A91A0586 RT41053 MOBILE COMPUTING 27 44 3 15A91A0586 RT41057 ARTIFICIAL INTELLIGENCE 29 44 3 15A91A0586 RT4105A MOBILE COMPUTING 22 46 2			CRYPTOGRAPHY AND NETWORK SECURITY	27	39	3
15A91A0585 RT41053 MOBILE COMPUTING 27 33 3 15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0585 RT4105B HADOOP AND BIG DATA 25 35 3 15A91A0585 RT4105L UML AND DESIGN PATTERNS LAB 21 47 2 15A91A0585 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0585 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0585 RT4105D HADOOP AND BIGDATA LAB 21 44 2 15A91A0586 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 27 38 3 15A91A0586 RT41052 UML AND DESIGN PATTERNS 26 33 3 15A91A0586 RT41053 MOBILE COMPUTING 27 44 3 15A91A0586 RT41057 ARTIFICIAL INTELLIGENCE 29 44 3 15A91A0586 RT4105A MOBILE COMPUTING 22 46						
15A91A0585 RT41057 ARTIFICIAL INTELLIGENCE 25 32 3 15A91A0585 RT4105B HADOOP AND BIG DATA 25 35 3 15A91A0585 RT4105L UML AND DESIGN PATTERNS LAB 21 47 2 15A91A0585 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A0586 RT4105N SOFTWARE TESTING LAB 22 44 2 15A91A0586 RT4105O HADOOP AND BIGDATA LAB 21 44 2 15A91A0586 RT41051 HADOOP AND BIGDATA LAB 21 44 2 15A91A0586 RT41052 UML AND DESIGN PATTERNS 26 33 3 15A91A0586 RT41053 MOBILE COMPUTING 27 44 3 15A91A0586 RT41057 ARTIFICIAL INTELLIGENCE 29 44 3 15A91A0586 RT4105A DIGITAL FORENSICS 25 30 3 15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 45	15A91A0585	RT41053	MOBILE COMPUTING		33	
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15A91A0586 RT41053 MOBILE COMPUTING 27 44 3 15A91A0586 RT41057 ARTIFICIAL INTELLIGENCE 29 44 3 15A91A0586 RT4105A DIGITAL FORENSICS 25 30 3 15A91A0586 RT4105L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 45 2 15A91A0586 RT4105N SOFTWARE TESTING LAB 22 47 2 15A91A0586 RT4105O HADOOP AND BIGDATA LAB 24 47 2 15A91A0587 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 47 3 15A91A0587 RT41052 UML AND DESIGN PATTERNS 28 51 3 15A91A0587 RT41053 MOBILE COMPUTING 29 32 3 15A91A0587 RT4105B HADOOP AND BIG DATA 30 62 3 15A91A0587 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB	15A91A0586	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	38	3
15A91A0586 RT41057 ARTIFICIAL INTELLIGENCE 29 44 3 15A91A0586 RT4105A DIGITAL FORENSICS 25 30 3 15A91A0586 RT4105L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 45 2 15A91A0586 RT4105N SOFTWARE TESTING LAB 22 47 2 15A91A0586 RT4105O HADOOP AND BIGDATA LAB 24 47 2 15A91A0587 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 47 3 15A91A0587 RT41052 UML AND DESIGN PATTERNS 28 51 3 15A91A0587 RT41053 MOBILE COMPUTING 29 32 3 15A91A0587 RT41055 ARTIFICIAL INTELLIGENCE 29 47 3 15A91A0587 RT4105B HADOOP AND BIG DATA 30 62 3 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB	15A91A0586	RT41052	UML AND DESIGN PATTERNS	26	33	3
15A91A0586 RT4105A DIGITAL FORENSICS 25 30 3 15A91A0586 RT4105L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 45 2 15A91A0586 RT4105N SOFTWARE TESTING LAB 22 47 2 15A91A0586 RT4105O HADOOP AND BIGDATA LAB 24 47 2 15A91A0587 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 47 3 15A91A0587 RT41052 UML AND DESIGN PATTERNS 28 51 3 15A91A0587 RT41053 MOBILE COMPUTING 29 32 3 15A91A0587 RT41057 ARTIFICIAL INTELLIGENCE 29 47 3 15A91A0587 RT4105B HADOOP AND BIG DATA 30 62 3 15A91A0587 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB	15A91A0586	RT41053	MOBILE COMPUTING	27	44	3
15A91A0586 RT4105L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 45 2 15A91A0586 RT4105N SOFTWARE TESTING LAB 22 47 2 15A91A0586 RT4105O HADOOP AND BIGDATA LAB 24 47 2 15A91A0587 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 47 3 15A91A0587 RT41052 UML AND DESIGN PATTERNS 28 51 3 15A91A0587 RT41053 MOBILE COMPUTING 29 32 3 15A91A0587 RT41057 ARTIFICIAL INTELLIGENCE 29 47 3 15A91A0587 RT4105B HADOOP AND BIG DATA 30 62 3 15A91A0587 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A0587 RT4105O HADOOP AND BIGDATA LAB </td <td>15A91A0586</td> <td>RT41057</td> <td>ARTIFICIAL INTELLIGENCE</td> <td>29</td> <td>44</td> <td>3</td>	15A91A0586	RT41057	ARTIFICIAL INTELLIGENCE	29	44	3
15A91A0586 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 45 2 15A91A0586 RT4105N SOFTWARE TESTING LAB 22 47 2 15A91A0586 RT4105O HADOOP AND BIGDATA LAB 24 47 2 15A91A0587 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 47 3 15A91A0587 RT41052 UML AND DESIGN PATTERNS 28 51 3 15A91A0587 RT41053 MOBILE COMPUTING 29 32 3 15A91A0587 RT41057 ARTIFICIAL INTELLIGENCE 29 47 3 15A91A0587 RT4105B HADOOP AND BIG DATA 30 62 3 15A91A0587 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A0587 RT4105O HADOOP AND BIGDATA LAB 24 49 2	15A91A0586	RT4105A	DIGITAL FORENSICS	25	30	3
15A91A0586 RT4105N SOFTWARE TESTING LAB 22 47 2 15A91A0586 RT4105O HADOOP AND BIGDATA LAB 24 47 2 15A91A0587 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 47 3 15A91A0587 RT41052 UML AND DESIGN PATTERNS 28 51 3 15A91A0587 RT41053 MOBILE COMPUTING 29 32 3 15A91A0587 RT41057 ARTIFICIAL INTELLIGENCE 29 47 3 15A91A0587 RT4105B HADOOP AND BIG DATA 30 62 3 15A91A0587 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A0587 RT4105O HADOOP AND BIGDATA LAB 24 49 2	15A91A0586	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
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15A91A0587 RT41052 UML AND DESIGN PATTERNS 28 51 3 15A91A0587 RT41053 MOBILE COMPUTING 29 32 3 15A91A0587 RT41057 ARTIFICIAL INTELLIGENCE 29 47 3 15A91A0587 RT4105B HADOOP AND BIG DATA 30 62 3 15A91A0587 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A0587 RT4105O HADOOP AND BIGDATA LAB 24 49 2	15A91A0586	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15A91A0587 RT41053 MOBILE COMPUTING 29 32 3 15A91A0587 RT41057 ARTIFICIAL INTELLIGENCE 29 47 3 15A91A0587 RT4105B HADOOP AND BIG DATA 30 62 3 15A91A0587 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A0587 RT4105O HADOOP AND BIGDATA LAB 24 49 2	15A91A0587	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	47	3
15A91A0587 RT41057 ARTIFICIAL INTELLIGENCE 29 47 3 15A91A0587 RT4105B HADOOP AND BIG DATA 30 62 3 15A91A0587 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A0587 RT4105O HADOOP AND BIGDATA LAB 24 49 2	15A91A0587	RT41052	UML AND DESIGN PATTERNS	28	51	3
15A91A0587 RT4105B HADOOP AND BIG DATA 30 62 3 15A91A0587 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A0587 RT4105O HADOOP AND BIGDATA LAB 24 49 2	15A91A0587	RT41053	MOBILE COMPUTING	29	32	3
15A91A0587 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2 15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A0587 RT4105O HADOOP AND BIGDATA LAB 24 49 2	15A91A0587	RT41057	ARTIFICIAL INTELLIGENCE	29	47	3
15A91A0587 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A0587 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A0587 RT4105O HADOOP AND BIGDATA LAB 24 49 2	15A91A0587	RT4105B	HADOOP AND BIG DATA	30	62	3
15A91A0587 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A0587 RT4105O HADOOP AND BIGDATA LAB 24 49 2	15A91A0587	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15A91A0587 RT4105O HADOOP AND BIGDATA LAB 24 49 2	15A91A0587	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
	15A91A0587	RT4105N	SOFTWARE TESTING LAB	25	49	2
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1949 140009 KT41001 CKTPTOGKAPHY AND NETWORK SECURITY 29 40 3	15A91A0589	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	40	3

15A91A0589 RT41053 MOBILE COMPUTING 28 46 15A91A0589 RT41057 ARTIFICIAL INTELLIGENCE 28 44 15A91A0589 RT4105A DIGITAL FORENSICS 23 37 15A91A0589 RT4105L UML AND DESIGN PATTERNS LAB 24 49 15A91A0589 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 15A91A0589 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0589 RT4105O HADOOP AND BIGDATA LAB 24 47	3 3 3 2 2 2 2 3 3 3 3 3 2 2 2 2 2 2 3
15A91A0589 RT41057 ARTIFICIAL INTELLIGENCE 28 44 15A91A0589 RT4105A DIGITAL FORENSICS 23 37 15A91A0589 RT4105L UML AND DESIGN PATTERNS LAB 24 49 15A91A0589 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 15A91A0589 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0589 RT4105O HADOOP AND BIGDATA LAB 24 47 15A91A0590 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 39 15A91A0590 RT41052 UML AND DESIGN PATTERNS 28 35 15A91A0590 RT41053 MOBILE COMPUTING 26 34 15A91A0590 RT41057 ARTIFICIAL INTELLIGENCE 28 34 15A91A0590 RT4105B HADOOP AND BIG DATA 27 41 15A91A0590 RT4105L UML AND DESIGN PATTERNS LAB 23 47 15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 <	3 3 2 2 2 2 3 3 3 3 3 2 2 2 2
15A91A0589 RT4105A DIGITAL FORENSICS 23 37 15A91A0589 RT4105L UML AND DESIGN PATTERNS LAB 24 49 15A91A0589 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 15A91A0589 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0589 RT4105O HADOOP AND BIGDATA LAB 24 47 15A91A0590 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 39 15A91A0590 RT41052 UML AND DESIGN PATTERNS 28 35 15A91A0590 RT41053 MOBILE COMPUTING 26 34 15A91A0590 RT41057 ARTIFICIAL INTELLIGENCE 28 34 15A91A0590 RT4105B HADOOP AND BIG DATA 27 41 15A91A0590 RT4105L UML AND DESIGN PATTERNS LAB 23 47 15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105N HADOOP AND BIGDATA LAB 24 48 <t< td=""><td>3 2 2 2 2 3 3 3 3 3 2 2 2 2</td></t<>	3 2 2 2 2 3 3 3 3 3 2 2 2 2
15A91A0589 RT4105L UML AND DESIGN PATTERNS LAB 24 49 15A91A0589 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 15A91A0589 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0589 RT4105O HADOOP AND BIGDATA LAB 24 47 15A91A0590 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 39 15A91A0590 RT41052 UML AND DESIGN PATTERNS 28 35 15A91A0590 RT41053 MOBILE COMPUTING 26 34 15A91A0590 RT41057 ARTIFICIAL INTELLIGENCE 28 34 15A91A0590 RT4105B HADOOP AND BIG DATA 27 41 15A91A0590 RT4105L UML AND DESIGN PATTERNS LAB 23 47 15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105N HADOOP AND BIGDATA LAB 24 48 15A91A0590 RT4105N HADOOP AND BIGDATA LAB 24 48 <	2 2 2 3 3 3 3 3 2 2 2
15A91A0589 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 15A91A0589 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0589 RT4105O HADOOP AND BIGDATA LAB 24 47 15A91A0590 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 39 15A91A0590 RT41052 UML AND DESIGN PATTERNS 28 35 15A91A0590 RT41053 MOBILE COMPUTING 26 34 15A91A0590 RT41057 ARTIFICIAL INTELLIGENCE 28 34 15A91A0590 RT4105B HADOOP AND BIG DATA 27 41 15A91A0590 RT4105L UML AND DESIGN PATTERNS LAB 23 47 15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105O HADOOP AND BIGDATA LAB 23 48	2 2 2 3 3 3 3 3 2 2 2 2
15A91A0589 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0589 RT4105O HADOOP AND BIGDATA LAB 24 47 15A91A0590 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 39 15A91A0590 RT41052 UML AND DESIGN PATTERNS 28 35 15A91A0590 RT41053 MOBILE COMPUTING 26 34 15A91A0590 RT41057 ARTIFICIAL INTELLIGENCE 28 34 15A91A0590 RT4105B HADOOP AND BIG DATA 27 41 15A91A0590 RT4105L UML AND DESIGN PATTERNS LAB 23 47 15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105O HADOOP AND BIGDATA LAB 23 48	2 2 3 3 3 3 3 2 2 2 2
15A91A0589 RT41050 HADOOP AND BIGDATA LAB 24 47 15A91A0590 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 39 15A91A0590 RT41052 UML AND DESIGN PATTERNS 28 35 15A91A0590 RT41053 MOBILE COMPUTING 26 34 15A91A0590 RT41057 ARTIFICIAL INTELLIGENCE 28 34 15A91A0590 RT4105B HADOOP AND BIG DATA 27 41 15A91A0590 RT4105L UML AND DESIGN PATTERNS LAB 23 47 15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105O HADOOP AND BIGDATA LAB 23 48	2 3 3 3 3 3 2 2 2 2
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15A91A0590 RT41052 UML AND DESIGN PATTERNS 28 35 15A91A0590 RT41053 MOBILE COMPUTING 26 34 15A91A0590 RT41057 ARTIFICIAL INTELLIGENCE 28 34 15A91A0590 RT4105B HADOOP AND BIG DATA 27 41 15A91A0590 RT4105L UML AND DESIGN PATTERNS LAB 23 47 15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105O HADOOP AND BIGDATA LAB 23 48	3 3 3 2 2 2 2
15A91A0590 RT41053 MOBILE COMPUTING 26 34 15A91A0590 RT41057 ARTIFICIAL INTELLIGENCE 28 34 15A91A0590 RT4105B HADOOP AND BIG DATA 27 41 15A91A0590 RT4105L UML AND DESIGN PATTERNS LAB 23 47 15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105O HADOOP AND BIGDATA LAB 23 48	3 3 2 2 2 2
15A91A0590 RT41057 ARTIFICIAL INTELLIGENCE 28 34 15A91A0590 RT4105B HADOOP AND BIG DATA 27 41 15A91A0590 RT4105L UML AND DESIGN PATTERNS LAB 23 47 15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105O HADOOP AND BIGDATA LAB 23 48	3 3 2 2 2 2 2
15A91A0590 RT4105B HADOOP AND BIG DATA 27 41 15A91A0590 RT4105L UML AND DESIGN PATTERNS LAB 23 47 15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105O HADOOP AND BIGDATA LAB 23 48	3 2 2 2 2
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15A91A0590 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105O HADOOP AND BIGDATA LAB 23 48	2 2 2
15A91A0590 RT4105N SOFTWARE TESTING LAB 24 48 15A91A0590 RT4105O HADOOP AND BIGDATA LAB 23 48	2
15A91A0590 RT4105O HADOOP AND BIGDATA LAB 23 48	2
15A91A0591 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 27	3
15A91A0591 RT41052 UML AND DESIGN PATTERNS 24 32	3
15A91A0591 RT41053 MOBILE COMPUTING 28 29	3
15A91A0591 RT41057 ARTIFICIAL INTELLIGENCE 26 24	3
15A91A0591 RT4105D MACHINE LEARNING 15 26	3
15A91A0591 RT4105L UML AND DESIGN PATTERNS LAB 24 47	2
15A91A0591 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45	2
15A91A0591 RT4105N SOFTWARE TESTING LAB 22 46	2
15A91A0591 RT4105O HADOOP AND BIGDATA LAB 20 40	2
15A91A0592 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 20 28	3
15A91A0592 RT41052 UML AND DESIGN PATTERNS 16 27	3
15A91A0592 RT41053 MOBILE COMPUTING 20 0	0
15A91A0592 RT41057 ARTIFICIAL INTELLIGENCE 22 6	0
15A91A0592 RT4105A DIGITAL FORENSICS 18 24	3
15A91A0592 RT4105L UML AND DESIGN PATTERNS LAB 12 32	2
15A91A0592 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 16 32	2
15A91A0592 RT4105N SOFTWARE TESTING LAB 15 32	2
15A91A0592 RT4105O HADOOP AND BIGDATA LAB 17 34	2
15A91A0593 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 37	3
15A91A0593 RT41052 UML AND DESIGN PATTERNS 27 35	3
15A91A0593 RT41053 MOBILE COMPUTING 27 35	3
15A91A0593 RT41057 ARTIFICIAL INTELLIGENCE 26 32	3
15A91A0593 RT4105D MACHINE LEARNING 25 28	3
15A91A0593 RT4105L UML AND DESIGN PATTERNS LAB 25 49	2
15A91A0593 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 50	2
15A91A0593 RT4105N SOFTWARE TESTING LAB 25 49	2
15A91A0593 RT4105O HADOOP AND BIGDATA LAB 24 49	2
15A91A0594 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 36	3
15A91A0594 RT41052 UML AND DESIGN PATTERNS 24 30	3
15A91A0594 RT41053 MOBILE COMPUTING 22 30	3
15A91A0594 RT41057 ARTIFICIAL INTELLIGENCE 26 29	3
15A91A0594 RT4105B HADOOP AND BIG DATA 25 40	3
15A91A0594 RT4105L UML AND DESIGN PATTERNS LAB 21 43	2

15A91A0594 RT4105N SOFTWARE TESTING LAB 20 41 2 15A91A0594 RT4105O HADOOP AND BIGDATA LAB 20 42 2 15A91A0595 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 19 24 3 15A91A0595 RT41052 UML AND DESIGN PATTERNS 20 27 3 15A91A0595 RT41053 MOBILE COMPUTING 25 30 3 15A91A0595 RT41057 ARTIFICIAL INTELLIGENCE 23 28 3 15A91A0595 RT4105D MACHINE LEARNING 23 16 0 15A91A0595 RT4105L UML AND DESIGN PATTERNS LAB 22 45 2 15A91A0595 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0595 RT4105N SOFTWARE TESTING LAB 22 46 2 15A91A0596 RT41050 HADOOP AND BIGDATA LAB 22 44 2 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41053 MOBILE COMPUTING 2	2 2 2 3 3 3 3 0 2 2 2 2 2 3 3 3 3 3 3 3
15A91A0594 RT41050 HADOOP AND BIGDATA LAB 20 42 2 15A91A0595 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 19 24 3 15A91A0595 RT41052 UML AND DESIGN PATTERNS 20 27 3 15A91A0595 RT41053 MOBILE COMPUTING 25 30 3 15A91A0595 RT41057 ARTIFICIAL INTELLIGENCE 23 28 3 15A91A0595 RT4105D MACHINE LEARNING 23 16 0 15A91A0595 RT4105L UML AND DESIGN PATTERNS LAB 22 45 2 15A91A0595 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 46 2 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41053 MOBILE COMPUTING 20 25 3 15A91A0596 RT4105B HADOOP AND BIG DATA 2	2 3 3 3 3 0 2 2 2 2 2 3 3 3 3 3
15A91A0595 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 19 24 3 15A91A0595 RT41052 UML AND DESIGN PATTERNS 20 27 3 15A91A0595 RT41053 MOBILE COMPUTING 25 30 3 15A91A0595 RT41057 ARTIFICIAL INTELLIGENCE 23 28 3 15A91A0595 RT4105D MACHINE LEARNING 23 16 0 15A91A0595 RT4105L UML AND DESIGN PATTERNS LAB 22 45 2 15A91A0595 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0595 RT4105N SOFTWARE TESTING LAB 22 46 2 15A91A0595 RT4105N HADOOP AND BIGDATA LAB 22 44 2 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA	3 3 3 3 0 2 2 2 2 2 2 3 3 3 3 3
15A91A0595 RT41052 UML AND DESIGN PATTERNS 20 27 3 15A91A0595 RT41053 MOBILE COMPUTING 25 30 3 15A91A0595 RT41057 ARTIFICIAL INTELLIGENCE 23 28 3 15A91A0595 RT4105D MACHINE LEARNING 23 16 0 15A91A0595 RT4105L UML AND DESIGN PATTERNS LAB 22 45 2 15A91A0595 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0595 RT4105N SOFTWARE TESTING LAB 22 46 2 15A91A0596 RT4105O HADOOP AND BIGDATA LAB 22 44 2 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB	3 3 3 0 2 2 2 2 2 3 3 3 3 3
15A91A0595 RT41053 MOBILE COMPUTING 25 30 3 15A91A0595 RT41057 ARTIFICIAL INTELLIGENCE 23 28 3 15A91A0595 RT4105D MACHINE LEARNING 23 16 0 15A91A0595 RT4105L UML AND DESIGN PATTERNS LAB 22 45 2 15A91A0595 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0595 RT4105N SOFTWARE TESTING LAB 22 46 2 15A91A0595 RT4105N HADOOP AND BIGDATA LAB 22 44 2 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 2 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB	3 3 0 2 2 2 2 2 3 3 3 3 3
15A91A0595 RT41057 ARTIFICIAL INTELLIGENCE 23 28 3 15A91A0595 RT4105D MACHINE LEARNING 23 16 0 15A91A0595 RT4105L UML AND DESIGN PATTERNS LAB 22 45 3 15A91A0595 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 3 15A91A0595 RT4105N SOFTWARE TESTING LAB 22 46 3 15A91A0595 RT4105O HADOOP AND BIGDATA LAB 22 44 3 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41053 MOBILE COMPUTING 20 25 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 3 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 3 15A91A0596 RT4105N SOFTWARE TESTING LAB	3 0 2 2 2 2 3 3 3 3 3
15A91A0595 RT4105D MACHINE LEARNING 23 16 15A91A0595 RT4105L UML AND DESIGN PATTERNS LAB 22 45 15A91A0595 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 15A91A0595 RT4105N SOFTWARE TESTING LAB 22 46 15A91A0595 RT4105O HADOOP AND BIGDATA LAB 22 44 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 15A91A0596 RT41053 MOBILE COMPUTING 20 25 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44	0 2 2 2 2 3 3 3 3 3
15A91A0595 RT4105L UML AND DESIGN PATTERNS LAB 22 45 2 15A91A0595 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0595 RT4105N SOFTWARE TESTING LAB 22 46 2 15A91A0595 RT4105O HADOOP AND BIGDATA LAB 22 44 2 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41053 MOBILE COMPUTING 20 25 3 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 2 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	2 2 2 3 3 3 3 3
15A91A0595 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0595 RT4105N SOFTWARE TESTING LAB 22 46 2 15A91A0595 RT4105O HADOOP AND BIGDATA LAB 22 44 2 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41053 MOBILE COMPUTING 20 25 3 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 2 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	2 2 3 3 3 3 3
15A91A0595 RT4105N SOFTWARE TESTING LAB 22 46 2 15A91A0595 RT4105O HADOOP AND BIGDATA LAB 22 44 2 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41053 MOBILE COMPUTING 20 25 3 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 2 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	2 2 3 3 3 3 3
15A91A0595 RT41050 HADOOP AND BIGDATA LAB 22 44 2 15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41053 MOBILE COMPUTING 20 25 3 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 2 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	2 3 3 3 3 3
15A91A0596 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 47 3 15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41053 MOBILE COMPUTING 20 25 3 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 2 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	3 3 3 3 3
15A91A0596 RT41052 UML AND DESIGN PATTERNS 23 37 3 15A91A0596 RT41053 MOBILE COMPUTING 20 25 3 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 2 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	3 3 3 3
15A91A0596 RT41053 MOBILE COMPUTING 20 25 3 15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 2 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	3 3 3
15A91A0596 RT41057 ARTIFICIAL INTELLIGENCE 25 29 3 15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 3 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 2 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 3 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	3
15A91A0596 RT4105B HADOOP AND BIG DATA 20 39 39 15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 23 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	3
15A91A0596 RT4105L UML AND DESIGN PATTERNS LAB 23 44 2 15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 2 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	
15A91A0596 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 45 15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44	2
15A91A0596 RT4105N SOFTWARE TESTING LAB 22 44 2	
	2
15A91A0596 RT4105O HADOOP AND BIGDATA LAB 21 41 2	2
	2
15A91A0597 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 40 ;	3
15A91A0597 RT41052 UML AND DESIGN PATTERNS 23 42	3
15A91A0597 RT41053 MOBILE COMPUTING 26 47 3	3
15A91A0597 RT41057 ARTIFICIAL INTELLIGENCE 29 39 3	3
15A91A0597 RT4105B HADOOP AND BIG DATA 28 65 3	3
15A91A0597 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2	2
15A91A0597 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 45	2
15A91A0597 RT4105N SOFTWARE TESTING LAB 23 45 2	2
15A91A0597 RT4105O HADOOP AND BIGDATA LAB 24 44 2	2
15A91A0598 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 29 ;	3
15A91A0598 RT41052 UML AND DESIGN PATTERNS 16 25 3	3
15A91A0598 RT41053 MOBILE COMPUTING 23 32 :	3
15A91A0598 RT41057 ARTIFICIAL INTELLIGENCE 22 31 :	3
15A91A0598 RT4105B HADOOP AND BIG DATA 28 34 :	3
15A91A0598 RT4105L UML AND DESIGN PATTERNS LAB 21 42 2	2
15A91A0598 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 44 2	2
15A91A0598 RT4105N SOFTWARE TESTING LAB 23 44 2	2
15A91A0598 RT4105O HADOOP AND BIGDATA LAB 23 47 2	2
15A91A0599 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 28 ;	3
15A91A0599 RT41052 UML AND DESIGN PATTERNS 20 24 :	3
15A91A0599 RT41053 MOBILE COMPUTING 23 31 :	3
15A91A0599 RT41057 ARTIFICIAL INTELLIGENCE 24 24 :	3
15A91A0599 RT4105B HADOOP AND BIG DATA 24 34 :	3
15A91A0599 RT4105L UML AND DESIGN PATTERNS LAB 21 45 2	2
15A91A0599 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 21 42 2	2
15A91A0599 RT4105N SOFTWARE TESTING LAB 21 44 2	2
15A91A0599 RT4105O HADOOP AND BIGDATA LAB 22 43 2	2
15A91A05A0 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 12 (0
15A91A05A0 RT41052 UML AND DESIGN PATTERNS 18 38 ;	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A05A0	RT41053	MOBILE COMPUTING	5	8	0
15A91A05A0	RT41057	ARTIFICIAL INTELLIGENCE	3	24	0
15A91A05A0	RT4105D	MACHINE LEARNING	5	8	0
15A91A05A0	RT4105L	UML AND DESIGN PATTERNS LAB	12	36	2
15A91A05A0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	17	36	2
15A91A05A0	RT4105N	SOFTWARE TESTING LAB	17	34	2
15A91A05A0	RT4105O	HADOOP AND BIGDATA LAB	14	32	2
15A91A05A1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	6	0
15A91A05A1	RT41052	UML AND DESIGN PATTERNS	23	24	3
15A91A05A1	RT41053	MOBILE COMPUTING	21	9	0
15A91A05A1	RT41057	ARTIFICIAL INTELLIGENCE	19	24	3
15A91A05A1	RT4105B	HADOOP AND BIG DATA	22	34	3
15A91A05A1	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A05A1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15A91A05A1	RT4105N	SOFTWARE TESTING LAB	23	44	2
15A91A05A1	RT4105O	HADOOP AND BIGDATA LAB	23	41	2
15A91A05A2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	43	3
15A91A05A2	RT41052	UML AND DESIGN PATTERNS	29	38	3
15A91A05A2	RT41053	MOBILE COMPUTING	29	32	3
15A91A05A2	RT41057	ARTIFICIAL INTELLIGENCE	28	43	3
15A91A05A2	RT4105B	HADOOP AND BIG DATA	30	47	3
15A91A05A2	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A91A05A2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A05A2	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A91A05A2	RT41050	HADOOP AND BIGDATA LAB	24	48	2
15A91A05A3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	29	3
15A91A05A3	RT41052	UML AND DESIGN PATTERNS	20	27	3
15A91A05A3	RT41053	MOBILE COMPUTING	21	30	3
15A91A05A3	RT41057	ARTIFICIAL INTELLIGENCE	25	34	3
15A91A05A3	RT4105B	HADOOP AND BIG DATA	24	36	3
15A91A05A3	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
15A91A05A3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	40	2
15A91A05A3	RT4105N	SOFTWARE TESTING LAB	19	42	2
15A91A05A3	RT4105O	HADOOP AND BIGDATA LAB	20	42	2
15A91A05A4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	39	3
15A91A05A4	RT41052	UML AND DESIGN PATTERNS	28	43	3
15A91A05A4	RT41053	MOBILE COMPUTING	25	29	3
15A91A05A4	RT41057	ARTIFICIAL INTELLIGENCE	28	32	3
15A91A05A4	RT4105B	HADOOP AND BIG DATA	30	36	3
15A91A05A4	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A05A4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A05A4	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A91A05A4	RT41050	HADOOP AND BIGDATA LAB	24	47	2
15A91A05A5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	35	3
15A91A05A5	RT41052	UML AND DESIGN PATTERNS	22	27	3
15A91A05A5	RT41053	MOBILE COMPUTING	20	31	3
15A91A05A5	RT41057	ARTIFICIAL INTELLIGENCE	26	32	3
15A91A05A5	RT4105B	HADOOP AND BIG DATA	24	24	3
15A91A05A5	RT4105L	UML AND DESIGN PATTERNS LAB	20	45	2
15A91A05A5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
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15A91A05A5 RT4105N 15A91A05A5 RT4105O 15A91A05A6 RT41051 15A91A05A6 RT41052 15A91A05A6 RT41053	SOFTWARE TESTING LAB HADOOP AND BIGDATA LAB CRYPTOGRAPHY AND NETWORK SECURITY	23 18	44	2
15A91A05A6 RT41051 15A91A05A6 RT41052		10		_
15A91A05A6 RT41052	CRYPTOGRAPHY AND NETWORK SECURITY	10	40	2
	OKTI TOOM TIT THE NETWORK OLOOKIT	20	29	3
15A91A05A6 RT41053	UML AND DESIGN PATTERNS	15	25	3
	MOBILE COMPUTING	15	27	3
15A91A05A6 RT41057	ARTIFICIAL INTELLIGENCE	20	24	3
15A91A05A6 RT4105D	MACHINE LEARNING	13	15	0
15A91A05A6 RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15A91A05A6 RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A05A6 RT4105N	SOFTWARE TESTING LAB	23	44	2
15A91A05A6 RT4105O	HADOOP AND BIGDATA LAB	20	44	2
15A91A05A8 RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	36	3
15A91A05A8 RT41052	UML AND DESIGN PATTERNS	24	40	3
15A91A05A8 RT41053	MOBILE COMPUTING	25	52	3
15A91A05A8 RT41057	ARTIFICIAL INTELLIGENCE	23	31	3
15A91A05A8 RT4105B	HADOOP AND BIG DATA	25	31	3
15A91A05A8 RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A05A8 RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A05A8 RT4105N	SOFTWARE TESTING LAB	24	48	2
15A91A05A8 RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15A91A05A9 RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	36	3
15A91A05A9 RT41052	UML AND DESIGN PATTERNS	25	40	3
15A91A05A9 RT41053	MOBILE COMPUTING	25	34	3
15A91A05A9 RT41057	ARTIFICIAL INTELLIGENCE	30	34	3
15A91A05A9 RT4105B	HADOOP AND BIG DATA	26	37	3
15A91A05A9 RT4105L	UML AND DESIGN PATTERNS LAB	21	43	2
15A91A05A9 RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A05A9 RT4105N	SOFTWARE TESTING LAB	24	47	2
15A91A05A9 RT4105O	HADOOP AND BIGDATA LAB	24	46	2
15A91A05B0 RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	33	3
15A91A05B0 RT41052	UML AND DESIGN PATTERNS	27	36	3
15A91A05B0 RT41053	MOBILE COMPUTING	30	56	3
15A91A05B0 RT41057	ARTIFICIAL INTELLIGENCE	30	42	3
15A91A05B0 RT4105B	HADOOP AND BIG DATA	30	52	3
15A91A05B0 RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A05B0 RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A05B0 RT4105N	SOFTWARE TESTING LAB	24	48	2
15A91A05B0 RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15A91A05B1 RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	39	3
15A91A05B1 RT41052	UML AND DESIGN PATTERNS	18	38	3
15A91A05B1 RT41053	MOBILE COMPUTING	16	37	3
15A91A05B1 RT41057	ARTIFICIAL INTELLIGENCE	18	38	3
15A91A05B1 RT4105A	DIGITAL FORENSICS	20	24	3
15A91A05B1 RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15A91A05B1 RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
15A91A05B1 RT4105N	SOFTWARE TESTING LAB	22	44	2
15A91A05B1 RT4105O	HADOOP AND BIGDATA LAB	24	42	2
15A91A05B2 RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	27	3
15A91A05B2 RT41052	UML AND DESIGN PATTERNS	15	25	3
15A91A05B2 RT41053	MOBILE COMPUTING	22	31	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A05B2	RT41057	ARTIFICIAL INTELLIGENCE	20	28	3
15A91A05B2	RT4105D	MACHINE LEARNING	11	24	0
15A91A05B2	RT4105L	UML AND DESIGN PATTERNS LAB	10	38	2
15A91A05B2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	17	35	2
15A91A05B2	RT4105N	SOFTWARE TESTING LAB	17	34	2
15A91A05B2	RT4105O	HADOOP AND BIGDATA LAB	18	34	2
15A91A05B3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	39	3
15A91A05B3	RT41052	UML AND DESIGN PATTERNS	26	39	3
15A91A05B3	RT41053	MOBILE COMPUTING	28	34	3
15A91A05B3	RT41057	ARTIFICIAL INTELLIGENCE	29	48	3
15A91A05B3	RT4105A	DIGITAL FORENSICS	25	28	3
15A91A05B3	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15A91A05B3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A91A05B3	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A91A05B3	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15A91A05B4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	48	3
15A91A05B4	RT41052	UML AND DESIGN PATTERNS	30	44	3
15A91A05B4	RT41053	MOBILE COMPUTING	29	65	3
15A91A05B4	RT41057	ARTIFICIAL INTELLIGENCE	30	54	3
15A91A05B4	RT4105B	HADOOP AND BIG DATA	30	70	3
15A91A05B4	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
15A91A05B4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15A91A05B4	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A91A05B4	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
15A91A05B5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	9	10	0
15A91A05B5	RT41052	UML AND DESIGN PATTERNS	12	4	0
15A91A05B5	RT41053	MOBILE COMPUTING	9	1	0
15A91A05B5	RT41057	ARTIFICIAL INTELLIGENCE	15	15	0
15A91A05B5	RT4105D	MACHINE LEARNING	12	2	0
15A91A05B5	RT4105L	UML AND DESIGN PATTERNS LAB	12	35	2
15A91A05B5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	16	35	2
15A91A05B5	RT4105N	SOFTWARE TESTING LAB	14	-1	0
15A91A05B5	RT4105O	HADOOP AND BIGDATA LAB	12	36	2
15A91A05B7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	36	3
15A91A05B7	RT41052	UML AND DESIGN PATTERNS	27	39	3
15A91A05B7	RT41053	MOBILE COMPUTING	28	52	3
15A91A05B7	RT41057	ARTIFICIAL INTELLIGENCE	29	28	3
15A91A05B7	RT4105A	DIGITAL FORENSICS	26	38	3
15A91A05B7	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15A91A05B7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15A91A05B7	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A91A05B7	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15A91A05B8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	39	3
15A91A05B8	RT41052	UML AND DESIGN PATTERNS	25	44	3
15A91A05B8	RT41053	MOBILE COMPUTING	22	34	3
15A91A05B8	RT41057	ARTIFICIAL INTELLIGENCE	29	39	3
15A91A05B8	RT4105B	HADOOP AND BIG DATA	29	33	3
15A91A05B8	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A05B8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15A91A05B8	RT4105N	SOFTWARE TESTING LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A05B8	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15A91A05B9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	12	0
15A91A05B9	RT41052	UML AND DESIGN PATTERNS	16	28	3
15A91A05B9	RT41053	MOBILE COMPUTING	15	32	3
15A91A05B9	RT41057	ARTIFICIAL INTELLIGENCE	24	14	0
15A91A05B9	RT4105B	HADOOP AND BIG DATA	19	25	3
15A91A05B9	RT4105L	UML AND DESIGN PATTERNS LAB	15	40	2
15A91A05B9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	39	2
15A91A05B9	RT4105N	SOFTWARE TESTING LAB	15	39	2
15A91A05B9	RT4105O	HADOOP AND BIGDATA LAB	16	31	2
15A91A05C0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	35	3
15A91A05C0	RT41052	UML AND DESIGN PATTERNS	21	32	3
15A91A05C0	RT41053	MOBILE COMPUTING	21	27	3
15A91A05C0	RT41057	ARTIFICIAL INTELLIGENCE	25	24	3
15A91A05C0	RT4105B	HADOOP AND BIG DATA	27	30	3
15A91A05C0	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A91A05C0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
15A91A05C0	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A91A05C0	RT4105O	HADOOP AND BIGDATA LAB	19	44	2
15A91A05C1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	25	3
15A91A05C1	RT41052	UML AND DESIGN PATTERNS	23	29	3
15A91A05C1	RT41053	MOBILE COMPUTING	28	36	3
15A91A05C1	RT41057	ARTIFICIAL INTELLIGENCE	26	36	3
15A91A05C1	RT4105D	MACHINE LEARNING	11	29	3
15A91A05C1	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A91A05C1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15A91A05C1	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A91A05C1	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15A91A05C2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	32	3
15A91A05C2	RT41052	UML AND DESIGN PATTERNS	23	5	0
15A91A05C2	RT41053	MOBILE COMPUTING	16	8	0
15A91A05C2	RT41054	SOFTWARE TESTING METHODOLOGIES	25	3	0
15A91A05C2	RT4105B	HADOOP AND BIG DATA	28	18	0
15A91A05C2	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15A91A05C2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	41	2
15A91A05C2	RT4105N	SOFTWARE TESTING LAB	19	41	2
15A91A05C2	RT4105O	HADOOP AND BIGDATA LAB	21	41	2
15A91A05C3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	38	3
15A91A05C3	RT41052	UML AND DESIGN PATTERNS	29	32	3
15A91A05C3	RT41053	MOBILE COMPUTING	30	57	3
15A91A05C3	RT41057	ARTIFICIAL INTELLIGENCE	30	47	3
15A91A05C3	RT4105D	MACHINE LEARNING	25	29	3
15A91A05C3	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A05C3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A91A05C3	RT4105N	SOFTWARE TESTING LAB	23	49	2
15A91A05C3	RT4105O	HADOOP AND BIGDATA LAB	21	47	2
15A91A05C4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	39	3
15A91A05C4	RT41052	UML AND DESIGN PATTERNS	28	32	3
15A91A05C4	RT41053	MOBILE COMPUTING	26	32	3
15A91A05C4	RT41057	ARTIFICIAL INTELLIGENCE	30	26	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A05C4	RT4105B	HADOOP AND BIG DATA	30	32	3
15A91A05C4	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15A91A05C4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A05C4	RT4105N	SOFTWARE TESTING LAB	21	45	2
15A91A05C4	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A91A05C5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	36	3
15A91A05C5	RT41052	UML AND DESIGN PATTERNS	28	29	3
15A91A05C5	RT41053	MOBILE COMPUTING	26	34	3
15A91A05C5	RT41057	ARTIFICIAL INTELLIGENCE	30	38	3
15A91A05C5	RT4105B	HADOOP AND BIG DATA	28	42	3
15A91A05C5	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15A91A05C5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A05C5	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A91A05C5	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15A91A05C6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	39	3
15A91A05C6	RT41052	UML AND DESIGN PATTERNS	30	38	3
15A91A05C6	RT41053	MOBILE COMPUTING	30	37	3
15A91A05C6	RT41054	SOFTWARE TESTING METHODOLOGIES	30	32	3
15A91A05C6	RT4105B	HADOOP AND BIG DATA	30	50	3
15A91A05C6	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15A91A05C6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A91A05C6	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A91A05C6	RT4105O	HADOOP AND BIGDATA LAB	22	49	2
15A91A05C7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	20	0
15A91A05C7	RT41052	UML AND DESIGN PATTERNS	21	27	3
15A91A05C7	RT41053	MOBILE COMPUTING	16	26	3
15A91A05C7	RT41054	SOFTWARE TESTING METHODOLOGIES	22	33	3
15A91A05C7	RT4105B	HADOOP AND BIG DATA	24	24	3
15A91A05C7	RT4105L	UML AND DESIGN PATTERNS LAB	20	42	2
15A91A05C7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	36	2
15A91A05C7	RT4105N	SOFTWARE TESTING LAB	16	39	2
15A91A05C7	RT4105O	HADOOP AND BIGDATA LAB	16	30	2
15A91A05C8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	43	3
15A91A05C8	RT41052	UML AND DESIGN PATTERNS	29	43	3
15A91A05C8	RT41053	MOBILE COMPUTING	30	33	3
15A91A05C8	RT41057	ARTIFICIAL INTELLIGENCE	30	42	3
15A91A05C8	RT4105B	HADOOP AND BIG DATA	30	43	3
15A91A05C8	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A05C8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A91A05C8	RT4105N	SOFTWARE TESTING LAB	24	50	2
15A91A05C8	RT4105O	HADOOP AND BIGDATA LAB	23	50	2
15A91A05C9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	37	3
15A91A05C9	RT41052	UML AND DESIGN PATTERNS	27	36	3
15A91A05C9	RT41053	MOBILE COMPUTING	29	52	3
15A91A05C9	RT41057	ARTIFICIAL INTELLIGENCE	30	47	3
15A91A05C9	RT4105B	HADOOP AND BIG DATA	30	48	3
15A91A05C9	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A05C9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15A91A05C9	RT4105N	SOFTWARE TESTING LAB	24	50	2
15A91A05C9	RT4105O	HADOOP AND BIGDATA LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A05D0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	50	3
15A91A05D0	RT41052	UML AND DESIGN PATTERNS	29	39	3
15A91A05D0	RT41053	MOBILE COMPUTING	27	43	3
15A91A05D0	RT41057	ARTIFICIAL INTELLIGENCE	30	45	3
15A91A05D0	RT4105D	MACHINE LEARNING	28	29	3
15A91A05D0	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A05D0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15A91A05D0	RT4105N	SOFTWARE TESTING LAB	22	50	2
15A91A05D0	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
15A91A05D1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	40	3
15A91A05D1	RT41052	UML AND DESIGN PATTERNS	27	41	3
15A91A05D1	RT41053	MOBILE COMPUTING	26	44	3
15A91A05D1	RT41054	SOFTWARE TESTING METHODOLOGIES	29	38	3
15A91A05D1	RT4105B	HADOOP AND BIG DATA	29	52	3
15A91A05D1	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15A91A05D1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A05D1	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A91A05D1	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15A91A05D3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	41	3
15A91A05D3	RT41052	UML AND DESIGN PATTERNS	29	39	3
15A91A05D3	RT41053	MOBILE COMPUTING	28	31	3
15A91A05D3	RT41057	ARTIFICIAL INTELLIGENCE	29	34	3
15A91A05D3	RT4105B	HADOOP AND BIG DATA	30	24	3
15A91A05D3	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A91A05D3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A05D3	RT4105N	SOFTWARE TESTING LAB	22	47	2
15A91A05D3	RT4105O	HADOOP AND BIGDATA LAB	21	41	2
15A91A05D4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	28	3
15A91A05D4	RT41052	UML AND DESIGN PATTERNS	24	26	3
15A91A05D4	RT41053	MOBILE COMPUTING	27	30	3
15A91A05D4	RT41057	ARTIFICIAL INTELLIGENCE	25	35	3
15A91A05D4	RT4105D	MACHINE LEARNING	13	27	3
15A91A05D4	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15A91A05D4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15A91A05D4	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A91A05D4	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15A91A05D6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	37	3
15A91A05D6	RT41052	UML AND DESIGN PATTERNS	29	35	3
15A91A05D6	RT41053	MOBILE COMPUTING	27	33	3
15A91A05D6	RT41057	ARTIFICIAL INTELLIGENCE	30	33	3
15A91A05D6	RT4105B	HADOOP AND BIG DATA	28	33	3
15A91A05D6	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15A91A05D6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
15A91A05D6	RT4105N	SOFTWARE TESTING LAB	22	48	2
15A91A05D6	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
15A91A05D8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	36	3
15A91A05D8	RT41052	UML AND DESIGN PATTERNS	25	33	3
15A91A05D8	RT41053	MOBILE COMPUTING	18	35	3
15A91A05D8	RT41057	ARTIFICIAL INTELLIGENCE	28	24	3
15A91A05D8	RT4105B	HADOOP AND BIG DATA	18	27	3

15A91A05DB RT4105D	Htno	Subcode	Subname	Internal	External	Credits
15A91A05D8	15A91A05D8	RT4105L	UML AND DESIGN PATTERNS LAB	20	42	2
15A91A05D8	15A91A05D8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15A91A05E0	15A91A05D8	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A91A05E0 RT41052 UML AND DESIGN PATTERNS 29 43 3 15A91A05E0 RT410573 MOBILE COMPUTING 28 28 3 15A91A05E0 RT41058 RT41058 ATRIFICIAL INTELLIGENCE 30 54 3 15A91A05E0 RT4105B HADOOP AND BIG DATA 27 42 3 15A91A05E0 RT4105B MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A05E0 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A05E0 RT41050N MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A05E1 RT41050 MOBILE CORPUTING 25 49 2 15A91A05E1 RT41052 UML AND DESIGN PATTERNS 27 36 3 15A91A05E1 RT4105B ARTIFICIAL INTELLIGENCE 30 53 3 15A91A05E1 RT4105B MOBILE APPLICATION DEVELOPMENT LAB 25 48 2 15A91A05E1 RT4105M MOBILE APPLICATION DEVELO	15A91A05D8	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15A91A05E0 RT41053 MOBILE COMPUTING 28 28 3 15A91A05E0 RT41057 ARTIFICIAL INTELLIGENCE 30 54 3 15A91A05E0 RT4105B HADOOP AND BIG DATA 27 42 3 15A91A05E0 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 48 2 15A91A05E0 RT4105D MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A05E0 RT4105D HADOOP AND BIGDATA LAB 23 47 2 15A91A05E1 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 40 3 15A91A05E1 RT41053 MOBILE COMPUTING 27 41 3 15A91A05E1 RT41057 ARTIFICIAL INTELLIGENCE 30 53 3 15A91A05E1 RT41050 MOBILE APPLICATION DEVELOPMENT LAB 25 48 2 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB	15A91A05E0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	47	3
15A91A05E0 RT41057 ARTIFICIAL INTELLIGENCE 30 54 3 15A91A05E0 RT4105B HADOOP AND BIG DATA 27 42 3 15A91A05E0 RT4105M WIAL AND DESIGN PATTERNS LAB 25 48 2 15A91A05E0 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A05E0 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A05E1 RT41050 HADOOP AND BIGDATA LAB 23 47 2 15A91A05E1 RT41052 UML AND DESIGN PATTERNS 27 36 3 15A91A05E1 RT41052 MIL AND DESIGN PATTERNS 27 36 3 15A91A05E1 RT4105B HADOOP AND BIG DATA 30 26 3 15A91A05E1 RT4105B HADOOP AND BIG DATA 30 26 3 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 2	15A91A05E0	RT41052	UML AND DESIGN PATTERNS	29	43	3
15A91A05E0	15A91A05E0	RT41053	MOBILE COMPUTING	28	28	3
15A91A05E0 RT4105L UML AND DESIGN PATTERNS LAB 25 48 2 15A91A05E0 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 49 2 15A91A05E0 RT4105D HADOOP AND BIGDATA LAB 25 49 2 15A91A05E1 RT4105D HADOOP AND BIGDATA LAB 23 47 2 15A91A05E1 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 40 3 15A91A05E1 RT41052 UML AND DESIGN PATTERNS 27 41 3 15A91A05E1 RT41057 ARTIFICIAL INTELLIGENCE 30 53 3 15A91A05E1 RT41058 HADOOP AND BIG DATA 30 26 3 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 48 2 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOP	15A91A05E0	RT41057	ARTIFICIAL INTELLIGENCE	30	54	3
15A91A05E0	15A91A05E0	RT4105B	HADOOP AND BIG DATA	27	42	3
15A91A05E0 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A05E0 RT4105C HADOOP AND BIGDATA LAB 23 47 2 15A91A05E1 RT41052 UML AND DESIGN PATTERNS 27 36 3 15A91A05E1 RT41052 UML AND DESIGN PATTERNS 27 41 3 15A91A05E1 RT41057 ARTIFICIAL INTELLIGENCE 30 53 3 15A91A05E1 RT41057 ARTIFICIAL INTELLIGENCE 30 53 3 15A91A05E1 RT4105B HADOOP AND BIG DATA 30 26 3 15A91A05E1 RT4105L UML AND DESIGN PATTERNS LAB 25 48 2 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E3 RT4105D HADOOP AND BIGDATA LAB 23 43 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30	15A91A05E0	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A91A05E0	15A91A05E0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A91A05E1 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 28 40 3 15A91A05E1 RT41052 UML AND DESIGN PATTERNS 27 36 3 15A91A05E1 RT41053 MOBILE COMPUTING 27 41 3 15A91A05E1 RT41057 ARTIFICIAL INTELLIGENCE 30 53 3 15A91A05E1 RT4105B HADOOP AND BIG DATA 30 26 3 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 48 2 15A91A05E1 RT4105N SOFTWARE TESTING LAB 20 46 2 15A91A05E3 RT41050 HADOOP AND BIGDATA LAB 23 43 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT41054 HADOOP AND BIG DATA 30	15A91A05E0	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A91A05E1 RT41052 UML AND DESIGN PATTERNS 27 36 3 15A91A05E1 RT41053 MOBILE COMPUTING 27 41 3 15A91A05E1 RT41057 ARTIFICIAL INTELLIGENCE 30 53 3 15A91A05E1 RT4105B HADOOP AND BIG DATA 30 26 3 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 48 2 15A91A05E1 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E1 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E3 RT4105N SOFTWARE TESTING LAB 23 43 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT41054 HADOOP AND BIG DATA	15A91A05E0	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A91A05E1 RT41053 MOBILE COMPUTING 27 41 3 15A91A05E1 RT4105F ARTIFICIAL INTELLIGENCE 30 53 3 15A91A05E1 RT4105B HADOOP AND BIG DATA 30 53 3 15A91A05E1 RT4105L UML AND DESIGN PATTERNS LAB 25 48 2 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E1 RT4105N SOFTWARE TESTING LAB 20 46 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41053 MOBILE COMPUTING 28 37 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT41055 SOFTWARE TESTING LAB 25 49 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25	15A91A05E1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	40	3
15A91A05E1 RT41057 ARTIFICIAL INTELLIGENCE 30 53 3 15A91A05E1 RT4105B HADOOP AND BIG DATA 30 26 3 15A91A05E1 RT4105L UML AND DESIGN PATTERNS LAB 25 48 2 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E1 RT4105N SOFTWARE TESTING LAB 20 46 2 15A91A05E3 RT4105D HADOOP AND BIGDATA LAB 23 43 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41052 UML AND DESIGN PATTERNS 29 44 3 15A91A05E3 RT41053 MOBILE COMPUTING 28 37 3 15A91A05E3 RT41054 BOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT4105B HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 25	15A91A05E1	RT41052	UML AND DESIGN PATTERNS	27	36	3
15A91A05E1 RT4105B HADOOP AND BIG DATA 30 26 3 15A91A05E1 RT4105L UML AND DESIGN PATTERNS LAB 25 48 2 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E1 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 23 43 2 15A91A05E3 RT4105D HADOOP AND BIGDATA LAB 23 43 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41052 UML AND DESIGN PATTERNS 29 44 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT4105B HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E4 RT4105M MOBILE APPLICATION DEV	15A91A05E1	RT41053	MOBILE COMPUTING	27	41	3
15A91A05E1 RT4105L UML AND DESIGN PATTERNS LAB 25 48 2 15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E1 RT4105N SOFTWARE TESTING LAB 20 46 2 15A91A05E3 RT41050 HADOOP AND BIGDATA LAB 23 43 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41052 UML AND DESIGN PATTERNS 29 44 3 15A91A05E3 RT41053 MOBILE COMPUTING 28 37 3 15A91A05E3 RT4105B SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT4105L UML AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105L UML AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105L HADOOP AND BIGDATA LAB 25 49 2 15A91A05E3 RT4105L HADOOP AND BIGDATA LAB 25	15A91A05E1	RT41057	ARTIFICIAL INTELLIGENCE	30	53	3
15A91A05E1 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05E1 RT4105N SOFTWARE TESTING LAB 20 46 2 15A91A05E3 RT4105D HADOOP AND BIGDATA LAB 23 43 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 3 15A91A05E3 RT41052 UML AND DESIGN PATTERNS 29 44 3 15A91A05E3 RT41053 MOBILE COMPUTING 28 37 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT4105L HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 50 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 2	15A91A05E1	RT4105B	HADOOP AND BIG DATA	30	26	3
15A91A05E1 RT4105N SOFTWARE TESTING LAB 20 46 2 15A91A05E1 RT4105O HADOOP AND BIGDATA LAB 23 43 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41052 UML AND DESIGN PATTERNS 29 44 3 15A91A05E3 RT41053 MOBILE COMPUTING 28 37 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT4105B HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105L UML AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105L UML AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A05E3 RT4105N HADOOP AND BIGDATA LAB 25 48 2 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41052 UML AND DESIGN PATTERNS	15A91A05E1	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A91A05E1 RT4105O HADOOP AND BIGDATA LAB 23 43 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41052 UML AND DESIGN PATTERNS 29 44 3 15A91A05E3 RT41053 MOBILE COMPUTING 28 37 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT4105B HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105L UML AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 50 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E4 RT4105D HADOOP AND BIGDATA LAB 25 48 2 15A91A05E4 RT41053	15A91A05E1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 36 3 15A91A05E3 RT41052 UML AND DESIGN PATTERNS 29 44 3 15A91A05E3 RT41053 MOBILE COMPUTING 28 37 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT41054 HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105M HADOOP AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 50 2 15A91A05E3 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A05E4 RT4105D HADOOP AND BIGDATA LAB 25 49 2 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB	15A91A05E1	RT4105N	SOFTWARE TESTING LAB	20	46	2
15A91A05E3 RT41052 UML AND DESIGN PATTERNS 29 44 3 15A91A05E3 RT41053 MOBILE COMPUTING 28 37 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT4105B HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105L UML AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E3 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A05E3 RT4105N HADOOP AND BIGDATA LAB 25 49 2 15A91A05E3 RT4105D HADOOP AND BIGDATA LAB 25 48 2 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB	15A91A05E1	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
15A91A05E3 RT41052 UML AND DESIGN PATTERNS 29 44 3 15A91A05E3 RT41053 MOBILE COMPUTING 28 37 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT4105B HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105L UML AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E3 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A05E3 RT4105N HADOOP AND BIGDATA LAB 25 49 2 15A91A05E3 RT4105D HADOOP AND BIGDATA LAB 25 48 2 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB <td>15A91A05E3</td> <td>RT41051</td> <td>CRYPTOGRAPHY AND NETWORK SECURITY</td> <td>30</td> <td>36</td> <td>3</td>	15A91A05E3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	36	3
15A91A05E3 RT41053 MOBILE COMPUTING 28 37 3 15A91A05E3 RT41054 SOFTWARE TESTING METHODOLOGIES 30 38 3 15A91A05E3 RT4105B HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105L UML AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 50 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E3 RT4105D HADOOP AND BIGDATA LAB 25 49 2 15A91A05E3 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105M MOBILE APPLICATI	15A91A05E3	RT41052	UML AND DESIGN PATTERNS		44	3
15A91A05E3 RT4105B HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105L UML AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 50 2 15A91A05E3 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 25 49 2 15A91A05E3 RT4105D HADOOP AND BIGDATA LAB 25 48 2 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41052 UML AND DESIGN PATTERNS 22 24 3 15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105D MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E6 RT4105D HADOOP AND	15A91A05E3	RT41053	MOBILE COMPUTING	28	37	3
15A91A05E3 RT4105B HADOOP AND BIG DATA 30 32 3 15A91A05E3 RT4105L UML AND DESIGN PATTERNS LAB 25 49 2 15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 50 2 15A91A05E3 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A05E3 RT4105O HADOOP AND BIGDATA LAB 25 48 2 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41052 UML AND DESIGN PATTERNS 22 24 3 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E4 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 16 39 2 15A91A05E6 RT4105D HAD						
15A91A05E3 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 25 50 2 15A91A05E3 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A05E3 RT4105O HADOOP AND BIGDATA LAB 25 48 2 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41052 UML AND DESIGN PATTERNS 22 24 3 15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41053 MOBILE COMPUTING	15A91A05E3	RT4105B	HADOOP AND BIG DATA	30	32	
15A91A05E3 RT4105N SOFTWARE TESTING LAB 25 49 2 15A91A05E3 RT4105O HADOOP AND BIGDATA LAB 25 48 2 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41052 UML AND DESIGN PATTERNS 22 24 3 15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105N CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING <	15A91A05E3	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A91A05E3 RT4105O HADOOP AND BIGDATA LAB 25 48 2 15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41052 UML AND DESIGN PATTERNS 22 24 3 15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 20 38 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT4105B HADOOP AND BIG DATA	15A91A05E3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
15A91A05E4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 19 0 15A91A05E4 RT41052 UML AND DESIGN PATTERNS 22 24 3 15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105O HADOOP AND BIGDATA LAB 20 38 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA	15A91A05E3	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A91A05E4 RT41052 UML AND DESIGN PATTERNS 22 24 3 15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105O HADOOP AND BIGDATA LAB 20 38 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB	15A91A05E3	RT4105O	HADOOP AND BIGDATA LAB	25	48	2
15A91A05E4 RT41053 MOBILE COMPUTING 17 27 3 15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105O HADOOP AND BIGDATA LAB 20 38 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB	15A91A05E4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	19	0
15A91A05E4 RT41057 ARTIFICIAL INTELLIGENCE 23 18 0 15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105O HADOOP AND BIGDATA LAB 20 38 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB	15A91A05E4	RT41052	UML AND DESIGN PATTERNS	22	24	3
15A91A05E4 RT4105B HADOOP AND BIG DATA 22 27 3 15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105O HADOOP AND BIGDATA LAB 20 38 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB	15A91A05E4	RT41053	MOBILE COMPUTING	17	27	3
15A91A05E4 RT4105L UML AND DESIGN PATTERNS LAB 23 39 2 15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105O HADOOP AND BIGDATA LAB 20 38 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB </td <td>15A91A05E4</td> <td>RT41057</td> <td>ARTIFICIAL INTELLIGENCE</td> <td>23</td> <td>18</td> <td>0</td>	15A91A05E4	RT41057	ARTIFICIAL INTELLIGENCE	23	18	0
15A91A05E4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105O HADOOP AND BIGDATA LAB 20 38 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E4	RT4105B	HADOOP AND BIG DATA	22	27	3
15A91A05E4 RT4105N SOFTWARE TESTING LAB 16 39 2 15A91A05E4 RT4105O HADOOP AND BIGDATA LAB 20 38 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E4	RT4105L	UML AND DESIGN PATTERNS LAB	23	39	2
15A91A05E4 RT4105O HADOOP AND BIGDATA LAB 20 38 2 15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	37	2
15A91A05E6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 42 3 15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E4	RT4105N	SOFTWARE TESTING LAB	16	39	2
15A91A05E6 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E4	RT41050	HADOOP AND BIGDATA LAB	20	38	2
15A91A05E6 RT41053 MOBILE COMPUTING 30 32 3 15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	42	3
15A91A05E6 RT41057 ARTIFICIAL INTELLIGENCE 30 45 3 15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E6	RT41052	UML AND DESIGN PATTERNS	29	41	3
15A91A05E6 RT4105B HADOOP AND BIG DATA 30 46 3 15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E6	RT41053	MOBILE COMPUTING	30	32	3
15A91A05E6 RT4105L UML AND DESIGN PATTERNS LAB 23 47 2 15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E6	RT41057	ARTIFICIAL INTELLIGENCE	30	45	3
15A91A05E6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 48 2 15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E6	RT4105B	HADOOP AND BIG DATA	30	46	3
15A91A05E6 RT4105N SOFTWARE TESTING LAB 23 48 2 15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E6	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A05E6 RT4105O HADOOP AND BIGDATA LAB 23 48 2	15A91A05E6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
	15A91A05E6	RT4105N	SOFTWARE TESTING LAB	23	48	2
15A91A05E7 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 14 26 3	15A91A05E6	RT41050	HADOOP AND BIGDATA LAB	23	48	2
	15A91A05E7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	26	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A05E7	RT41052	UML AND DESIGN PATTERNS	16	26	3
15A91A05E7	RT41053	MOBILE COMPUTING	17	36	3
15A91A05E7	RT41057	ARTIFICIAL INTELLIGENCE	18	13	0
15A91A05E7	RT4105B	HADOOP AND BIG DATA	19	17	0
15A91A05E7	RT4105L	UML AND DESIGN PATTERNS LAB	18	40	2
15A91A05E7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A91A05E7	RT4105N	SOFTWARE TESTING LAB	21	42	2
15A91A05E7	RT4105O	HADOOP AND BIGDATA LAB	20	40	2
15A91A05E8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	45	3
15A91A05E8	RT41052	UML AND DESIGN PATTERNS	28	38	3
15A91A05E8	RT41053	MOBILE COMPUTING	30	35	3
15A91A05E8	RT41057	ARTIFICIAL INTELLIGENCE	29	46	3
15A91A05E8	RT4105D	MACHINE LEARNING	27	28	3
15A91A05E8	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A05E8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	49	2
15A91A05E8	RT4105N	SOFTWARE TESTING LAB	23	49	2
15A91A05E8	RT4105O	HADOOP AND BIGDATA LAB	22	50	2
15A91A05E9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	16	0
15A91A05E9	RT41052	UML AND DESIGN PATTERNS	29	24	3
15A91A05E9	RT41053	MOBILE COMPUTING	27	29	3
15A91A05E9	RT41057	ARTIFICIAL INTELLIGENCE	29	17	0
15A91A05E9	RT4105B	HADOOP AND BIG DATA	27	20	0
15A91A05E9	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A05E9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A05E9	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A91A05E9	RT41050	HADOOP AND BIGDATA LAB	23	48	2
15A91A05F0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	44	3
15A91A05F0	RT41052	UML AND DESIGN PATTERNS	30	38	3
15A91A05F0	RT41053	MOBILE COMPUTING	28	34	3
15A91A05F0	RT41057	ARTIFICIAL INTELLIGENCE	26	30	3
15A91A05F0	RT4105A	DIGITAL FORENSICS	24	38	3
15A91A05F0	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15A91A05F0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
15A91A05F0	RT4105N	SOFTWARE TESTING LAB	25	50	2
15A91A05F0	RT4105O	HADOOP AND BIGDATA LAB	25	47	2
15A91A05F1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	25	3
15A91A05F1	RT41052	UML AND DESIGN PATTERNS	22	24	3
15A91A05F1	RT41053	MOBILE COMPUTING	16	28	3
15A91A05F1	RT41054	SOFTWARE TESTING METHODOLOGIES	18	24	3
15A91A05F1	RT4105D	MACHINE LEARNING	13	27	3
15A91A05F1	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15A91A05F1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	41	2
15A91A05F1	RT4105N	SOFTWARE TESTING LAB	18	40	2
15A91A05F1	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15A91A05F2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	36	3
15A91A05F2	RT41052	UML AND DESIGN PATTERNS	28	28	3
15A91A05F2	RT41053	MOBILE COMPUTING	29	13	0
15A91A05F2	RT41057	ARTIFICIAL INTELLIGENCE	30	35	3
15A91A05F2	RT4105B	HADOOP AND BIG DATA	30	32	3
15A91A05F2	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A05F2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A05F2	RT4105N	SOFTWARE TESTING LAB	20	48	2
15A91A05F2	RT41050	HADOOP AND BIGDATA LAB	21	48	2
15A91A05F3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	39	3
15A91A05F3	RT41052	UML AND DESIGN PATTERNS	30	41	3
15A91A05F3	RT41053	MOBILE COMPUTING	30	45	3
15A91A05F3	RT41057	ARTIFICIAL INTELLIGENCE	30	48	3
15A91A05F3	RT4105B	HADOOP AND BIG DATA	30	57	3
15A91A05F3	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A91A05F3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A91A05F3	RT4105N	SOFTWARE TESTING LAB	25	50	2
15A91A05F3	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
15A91A05F5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	32	3
15A91A05F5	RT41052	UML AND DESIGN PATTERNS	22	25	3
15A91A05F5	RT41053	MOBILE COMPUTING	22	25	3
15A91A05F5	RT41057	ARTIFICIAL INTELLIGENCE	28	24	3
15A91A05F5	RT4105B	HADOOP AND BIG DATA	21	17	0
15A91A05F5	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A05F5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	39	2
15A91A05F5	RT4105N	SOFTWARE TESTING LAB	16	41	2
15A91A05F5	RT41050	HADOOP AND BIGDATA LAB	22	40	2
15A91A05F6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	37	3
15A91A05F6	RT41052	UML AND DESIGN PATTERNS	30	42	3
15A91A05F6	RT41053	MOBILE COMPUTING	30	46	3
15A91A05F6	RT41054	SOFTWARE TESTING METHODOLOGIES	30	44	3
15A91A05F6	RT4105B	HADOOP AND BIG DATA	30	36	3
15A91A05F6	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A05F6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A05F6	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A91A05F6	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
15A91A05F7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	36	3
15A91A05F7	RT41052	UML AND DESIGN PATTERNS	27	38	3
15A91A05F7	RT41053	MOBILE COMPUTING	29	32	3
15A91A05F7	RT41054	SOFTWARE TESTING METHODOLOGIES	29	33	3
15A91A05F7	RT4105B	HADOOP AND BIG DATA	28	39	3
15A91A05F7	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A05F7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A91A05F7	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A91A05F7	RT4105O	HADOOP AND BIGDATA LAB	22	49	2
15A91A05F9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	30	3
15A91A05F9	RT41052	UML AND DESIGN PATTERNS	25	24	3
15A91A05F9	RT41053	MOBILE COMPUTING	23	16	0
15A91A05F9	RT41057	ARTIFICIAL INTELLIGENCE	26	11	0
15A91A05F9	RT4105B	HADOOP AND BIG DATA	18	2	0
15A91A05F9	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
15A91A05F9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	38	2
15A91A05F9	RT4105N	SOFTWARE TESTING LAB	21	42	2
15A91A05F9	RT4105O	HADOOP AND BIGDATA LAB	20	36	2
15A91A05G0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	37	3
15A91A05G0	RT41052	UML AND DESIGN PATTERNS	27	25	3
		-			

15A91A05G0	Htno	Subcode	Subname	Internal	External	Credits
15A91A05G0	15A91A05G0	RT41053	MOBILE COMPUTING	22	29	3
15A91A05GO	15A91A05G0	RT41057	ARTIFICIAL INTELLIGENCE	25	24	3
15A91A05GO RT4105M MOBILE APPLICATION DEVELOPMENT LAB 19 37 2 15A91A05GO RT4105N SOFTWARE TESTING LAB 19 39 2 15A91A05GO RT4105D HADOOP AND BIGDATA LAB 19 38 2 15A91A05G2 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 26 31 3 15A91A05G2 RT41052 UML AND DESIGN PATTERNS 27 35 3 15A91A05G2 RT41054 SOFTWARE TESTING METHODOLOGIES 28 34 3 15A91A05G2 RT41054 SOFTWARE TESTING METHODOLOGIES 28 34 3 15A91A05G2 RT4105M HADOOP AND BIG DATA 28 29 3 15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 44 2 15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 43 2 15A91A05G4 RT41051 CRYPTOGRAPHY AND N	15A91A05G0	RT4105B	HADOOP AND BIG DATA	22	15	0
15A91A05G0	15A91A05G0	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
15A91A05G0	15A91A05G0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	37	2
15A91A05G2 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 26 31 3 15A91A05G2 RT41052 UML AND DESIGN PATTERNS 27 35 3 15A91A05G2 RT41053 MOBILE COMPUTING 27 30 3 15A91A05G2 RT41054 SOFTWARE TESTING METHODOLOGIES 28 34 3 15A91A05G2 RT4105L HADOOP AND BIG DATA 28 29 3 15A91A05G2 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G2 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 24 44 2 15A91A05G2 RT4105N SOFTWARE TESTING LAB 20 44 2 15A91A05G2 RT4105N SOFTWARE TESTING LAB 20 44 2 15A91A05G2 RT4105N CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41053 MOBILE COMPUTING 26	15A91A05G0	RT4105N	SOFTWARE TESTING LAB	19	39	2
15A91A05G2 RT41052 UML AND DESIGN PATTERNS 27 35 3 15A91A05G2 RT41053 MOBILE COMPUTING 27 30 3 15A91A05G2 RT41054 SOFTWARE TESTING METHODOLOGIES 28 34 3 15A91A05G2 RT4105L MOBILE ADD BIG DATA 28 29 3 15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 46 2 15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 44 2 15A91A05G2 RT4105N SOFTWARE TESTING LAB 20 44 2 15A91A05G2 RT41050 HADOOP AND BIGDATA LAB 23 43 2 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05G4 RT41057 ARTIFICIAL INTELLIGENCE 29 26 3 15A91A05G4 RT4105L HADOOP AND BIG DATA 29 <	15A91A05G0	RT4105O	HADOOP AND BIGDATA LAB	19	38	2
15A91A05G2 RT41053 MOBILE COMPUTING 27 30 3 15A91A05G2 RT41054 SOFTWARE TESTING METHODOLOGIES 28 34 3 15A91A05G2 RT4105B HADOOP AND BIG DATA 28 29 3 15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 44 2 15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 44 2 15A91A05G2 RT4105N SOFTWARE TESTING LAB 20 44 2 15A91A05G2 RT4105D HADOOP AND BIGDATA LAB 23 43 2 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41053 MOBILE COMPUTING 26 37 3 15A91A05G4 RT41053 MOBILE COMPUTING 26 37 3 15A91A05G4 RT4105M HADOOP AND BIG DATA 29 4	15A91A05G2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	31	3
15A91A05G2 RT41054 SOFTWARE TESTING METHODOLOGIES 28 34 3 15A91A05G2 RT4105B HADOOP AND BIG DATA 28 29 3 15A91A05G2 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 44 2 15A91A05G2 RT4105N SOFTWARE TESTING LAB 20 44 2 15A91A05G2 RT4105D HADOOP AND BIGDATA LAB 23 43 2 15A91A05G4 RT4105D HADOOP AND BIGDATA LAB 23 43 2 15A91A05G4 RT4105D LWAND DESIGN PATTERNS 29 41 3 15A91A05G4 RT41053 MOBILE COMPUTING 26 37 3 15A91A05G4 RT4105A HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48	15A91A05G2	RT41052	UML AND DESIGN PATTERNS	27	35	3
15A91A05G2 RT4105B HADOOP AND BIG DATA 28 29 3 15A91A05G2 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 44 2 15A91A05G2 RT4105N SOFTWARE TESTING LAB 20 44 2 15A91A05G2 RT4105D HADOOP AND BIGDATA LAB 23 43 2 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41051 MOBILE COMPUTING 26 37 3 15A91A05G4 RT4105B MATIFICIAL INTELLIGENCE 29 26 3 15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB	15A91A05G2	RT41053	MOBILE COMPUTING	27	30	3
15A91A05G2 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 44 2 15A91A05G2 RT4105N SOFTWARE TESTING LAB 20 44 2 15A91A05G2 RT4105D HADOOP AND BIGDATA LAB 23 43 2 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05G4 RT41053 MOBILE COMPUTING 26 37 3 15A91A05G4 RT41057 ARTIFICIAL INTELLIGENCE 29 26 3 15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A05G4 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 2	15A91A05G2	RT41054	SOFTWARE TESTING METHODOLOGIES	28	34	3
15A91A05G2 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 44 2 15A91A05G2 RT4105N SOFTWARE TESTING LAB 20 44 2 15A91A05G2 RT4105O HADOOP AND BIGDATA LAB 23 43 2 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05G4 RT41053 MOBILE COMPUTING 26 37 3 15A91A05G4 RT41057 ARTIFICIAL INTELLIGENCE 29 26 3 15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G5 RT41050 HADOOP AND BIGDATA LAB 22 49 2 15A91A05G5 RT41053 MOBILE COMPUTING <	15A91A05G2	RT4105B	HADOOP AND BIG DATA	28	29	3
15A91A05G2 RT4105N SOFTWARE TESTING LAB 20 44 2 15A91A05G2 RT4105O HADOOP AND BIGDATA LAB 23 43 2 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05G4 RT41053 MOBILE COMPUTING 26 37 3 15A91A05G4 RT41057 ARTIFICIAL INTELLIGENCE 29 26 3 15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 23 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G5 RT4105D HADOOP AND BIGDATA LAB 22 49 2 15A91A05G5 RT41053 MOBILE COMPUTING 29	15A91A05G2	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A05G2 RT4105O HADOOP AND BIGDATA LAB 23 43 2 15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05G4 RT41053 MOBILE COMPUTING 26 37 3 15A91A05G4 RT41057 ARTIFICIAL INTELLIGENCE 29 26 3 15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 22 49 2 15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 3	15A91A05G2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15A91A05G4 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 30 33 3 15A91A05G4 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05G4 RT41053 MOBILE COMPUTING 26 37 3 15A91A05G4 RT41057 ARTIFICIAL INTELLIGENCE 29 26 3 15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G4 RT4105O HADOOP AND BIGDATA LAB 22 49 2 15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA	15A91A05G2	RT4105N	SOFTWARE TESTING LAB	20	44	2
15A91A05G4 RT41052 UML AND DESIGN PATTERNS 29 41 3 15A91A05G4 RT41053 MOBILE COMPUTING 26 37 3 15A91A05G4 RT41057 ARTIFICIAL INTELLIGENCE 29 26 3 15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A05G4 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 21 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105B HADOOP AND BIG DATA	15A91A05G2	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
15A91A05G4 RT41053 MOBILE COMPUTING 26 37 3 15A91A05G4 RT41057 ARTIFICIAL INTELLIGENCE 29 26 3 15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G4 RT4105D HADOOP AND BIGDATA LAB 22 49 2 15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMEN	15A91A05G4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	33	3
15A91A05G4 RT41057 ARTIFICIAL INTELLIGENCE 29 26 3 15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G4 RT4105O HADOOP AND BIGDATA LAB 22 49 2 15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB </td <td>15A91A05G4</td> <td>RT41052</td> <td>UML AND DESIGN PATTERNS</td> <td>29</td> <td>41</td> <td>3</td>	15A91A05G4	RT41052	UML AND DESIGN PATTERNS	29	41	3
15A91A05G4 RT4105B HADOOP AND BIG DATA 29 42 3 15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G4 RT4105O HADOOP AND BIGDATA LAB 22 49 2 15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105N MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING L	15A91A05G4	RT41053	MOBILE COMPUTING	26	37	3
15A91A05G4 RT4105L UML AND DESIGN PATTERNS LAB 24 48 2 15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G4 RT4105O HADOOP AND BIGDATA LAB 22 49 2 15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G6 RT4105O HADOOP AND BIGDAT	15A91A05G4	RT41057	ARTIFICIAL INTELLIGENCE	29	26	3
15A91A05G4 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 23 48 2 15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G4 RT4105O HADOOP AND BIGDATA LAB 22 49 2 15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G6 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWO	15A91A05G4	RT4105B	HADOOP AND BIG DATA	29	42	3
15A91A05G4 RT4105N SOFTWARE TESTING LAB 21 48 2 15A91A05G4 RT4105O HADOOP AND BIGDATA LAB 22 49 2 15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G6 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS	15A91A05G4	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A05G4 RT4105O HADOOP AND BIGDATA LAB 22 49 2 15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G5 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15A91A05G5 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 41 3 15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G5 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G4	RT4105N	SOFTWARE TESTING LAB	21	48	2
15A91A05G5 RT41052 UML AND DESIGN PATTERNS 29 42 3 15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G5 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G4	RT4105O	HADOOP AND BIGDATA LAB	22	49	2
15A91A05G5 RT41053 MOBILE COMPUTING 29 39 3 15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G5 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	41	3
15A91A05G5 RT41054 SOFTWARE TESTING METHODOLOGIES 30 40 3 15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G5 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G5	RT41052	UML AND DESIGN PATTERNS	29	42	3
15A91A05G5 RT4105B HADOOP AND BIG DATA 30 48 3 15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G5 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G5	RT41053	MOBILE COMPUTING	29	39	3
15A91A05G5 RT4105L UML AND DESIGN PATTERNS LAB 23 46 2 15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G5 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G5	RT41054	SOFTWARE TESTING METHODOLOGIES	30	40	3
15A91A05G5 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2 15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G5 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G5	RT4105B	HADOOP AND BIG DATA	30	48	3
15A91A05G5 RT4105N SOFTWARE TESTING LAB 24 49 2 15A91A05G5 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G5	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A05G5 RT4105O HADOOP AND BIGDATA LAB 22 47 2 15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A91A05G6 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 33 3 15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G5	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A91A05G6 RT41052 UML AND DESIGN PATTERNS 25 32 3	15A91A05G5	RT4105O	HADOOP AND BIGDATA LAB	22	47	2
	15A91A05G6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	33	3
15A91A05G6 RT41053 MOBILE COMPUTING 26 35 3	15A91A05G6	RT41052	UML AND DESIGN PATTERNS	25	32	3
	15A91A05G6	RT41053	MOBILE COMPUTING	26	35	3
15A91A05G6 RT41054 SOFTWARE TESTING METHODOLOGIES 29 48 3	15A91A05G6	RT41054	SOFTWARE TESTING METHODOLOGIES	29	48	3
15A91A05G6 RT4105B HADOOP AND BIG DATA 19 24 3	15A91A05G6	RT4105B	HADOOP AND BIG DATA	19	24	3
15A91A05G6 RT4105L UML AND DESIGN PATTERNS LAB 24 49 2	15A91A05G6	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15A91A05G6 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 22 46 2	15A91A05G6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15A91A05G6 RT4105N SOFTWARE TESTING LAB 23 48 2	15A91A05G6	RT4105N	SOFTWARE TESTING LAB	23	48	2
15A91A05G6 RT4105O HADOOP AND BIGDATA LAB 22 45 2	15A91A05G6	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15A91A05G7 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 30 3	15A91A05G7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	30	3
15A91A05G7 RT41052 UML AND DESIGN PATTERNS 29 30 3	15A91A05G7	RT41052	UML AND DESIGN PATTERNS	29	30	3
15A91A05G7 RT41053 MOBILE COMPUTING 30 31 3	15A91A05G7	RT41053	MOBILE COMPUTING	30	31	3
15A91A05G7 RT41057 ARTIFICIAL INTELLIGENCE 29 41 3	15A91A05G7	RT41057	ARTIFICIAL INTELLIGENCE	29	41	3
15A91A05G7 RT4105A DIGITAL FORENSICS 25 34 3	15A91A05G7	RT4105A	DIGITAL FORENSICS	25	34	3
15A91A05G7 RT4105L UML AND DESIGN PATTERNS LAB 23 48 2	15A91A05G7	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A91A05G7 RT4105M MOBILE APPLICATION DEVELOPMENT LAB 24 47 2	15A91A05G7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A05G7	RT4105N	SOFTWARE TESTING LAB	23	48	2
15A91A05G7	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15A91A05G8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	31	3
15A91A05G8	RT41052	UML AND DESIGN PATTERNS	23	32	3
15A91A05G8	RT41053	MOBILE COMPUTING	22	0	0
15A91A05G8	RT41057	ARTIFICIAL INTELLIGENCE	25	24	3
15A91A05G8	RT4105B	HADOOP AND BIG DATA	18	3	0
15A91A05G8	RT4105L	UML AND DESIGN PATTERNS LAB	19	40	2
15A91A05G8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	38	2
15A91A05G8	RT4105N	SOFTWARE TESTING LAB	22	43	2
15A91A05G8	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15A91A05G9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	39	3
15A91A05G9	RT41052	UML AND DESIGN PATTERNS	25	32	3
15A91A05G9	RT41053	MOBILE COMPUTING	23	28	3
15A91A05G9	RT41057	ARTIFICIAL INTELLIGENCE	29	28	3
15A91A05G9	RT4105B	HADOOP AND BIG DATA	27	32	3
15A91A05G9	RT4105L	UML AND DESIGN PATTERNS LAB	19	42	2
15A91A05G9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
15A91A05G9	RT4105N	SOFTWARE TESTING LAB	22	46	2
15A91A05G9	RT4105O	HADOOP AND BIGDATA LAB	20	36	2
15A91A05H0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	17	0
15A91A05H0	RT41052	UML AND DESIGN PATTERNS	20	24	3
15A91A05H0	RT41053	MOBILE COMPUTING	19	26	3
15A91A05H0	RT41054	SOFTWARE TESTING METHODOLOGIES	21	24	3
15A91A05H0	RT4105B	HADOOP AND BIG DATA	24	24	3
15A91A05H0	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15A91A05H0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	41	2
15A91A05H0	RT4105N	SOFTWARE TESTING LAB	19	40	2
15A91A05H0	RT4105O	HADOOP AND BIGDATA LAB	20	40	2
15A91A05H2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	29	3
15A91A05H2	RT41052	UML AND DESIGN PATTERNS	29	31	3
15A91A05H2	RT41053	MOBILE COMPUTING	23	32	3
15A91A05H2	RT41057	ARTIFICIAL INTELLIGENCE	27	25	3
15A91A05H2	RT4105B	HADOOP AND BIG DATA	23	25	3
15A91A05H2	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15A91A05H2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	39	2
15A91A05H2	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A91A05H2	RT4105O	HADOOP AND BIGDATA LAB	19	42	2
15A91A05H3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	36	3
15A91A05H3	RT41052	UML AND DESIGN PATTERNS	30	40	3
15A91A05H3	RT41053	MOBILE COMPUTING	29	37	3
15A91A05H3	RT41057	ARTIFICIAL INTELLIGENCE	30	34	3
15A91A05H3	RT4105B	HADOOP AND BIG DATA	29	40	3
15A91A05H3	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15A91A05H3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15A91A05H3	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A91A05H3	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15A91A05H5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	50	3
15A91A05H5	RT41052	UML AND DESIGN PATTERNS	24	34	3
15A91A05H5	RT41053	MOBILE COMPUTING	24	30	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A05H5	RT41054	SOFTWARE TESTING METHODOLOGIES	27	39	3
15A91A05H5	RT4105B	HADOOP AND BIG DATA	17	45	3
15A91A05H5	RT4105L	UML AND DESIGN PATTERNS LAB	14	44	2
15A91A05H5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	14	40	2
15A91A05H5	RT4105N	SOFTWARE TESTING LAB	15	37	2
15A91A05H5	RT4105O	HADOOP AND BIGDATA LAB	15	45	2
15A91A05H7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	43	3
15A91A05H7	RT41052	UML AND DESIGN PATTERNS	30	32	3
15A91A05H7	RT41053	MOBILE COMPUTING	28	36	3
15A91A05H7	RT41057	ARTIFICIAL INTELLIGENCE	28	40	3
15A91A05H7	RT4105B	HADOOP AND BIG DATA	29	42	3
15A91A05H7	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A05H7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
15A91A05H7	RT4105N	SOFTWARE TESTING LAB	23	50	2
15A91A05H7	RT4105O	HADOOP AND BIGDATA LAB	21	50	2
15A91A05H8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	27	3
15A91A05H8	RT41052	UML AND DESIGN PATTERNS	21	36	3
15A91A05H8	RT41053	MOBILE COMPUTING	25	33	3
15A91A05H8	RT41054	SOFTWARE TESTING METHODOLOGIES	25	25	3
15A91A05H8	RT4105A	DIGITAL FORENSICS	22	24	3
15A91A05H8	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A05H8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	43	2
15A91A05H8	RT4105N	SOFTWARE TESTING LAB	21	44	2
15A91A05H8	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15A91A05H9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	35	3
15A91A05H9	RT41052	UML AND DESIGN PATTERNS	26	41	3
15A91A05H9	RT41053	MOBILE COMPUTING	27	32	3
15A91A05H9	RT41057	ARTIFICIAL INTELLIGENCE	29	36	3
15A91A05H9	RT4105B	HADOOP AND BIG DATA	30	35	3
15A91A05H9	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A05H9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A05H9	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A91A05H9	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15A91A05I0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	33	3
15A91A05I0	RT41052	UML AND DESIGN PATTERNS	26	37	3
15A91A05I0	RT41053	MOBILE COMPUTING	27	33	3
15A91A05I0	RT41057	ARTIFICIAL INTELLIGENCE	28	45	3
15A91A05I0	RT4105B	HADOOP AND BIG DATA	27	34	3
15A91A05I0	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A05I0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A05I0	RT4105N	SOFTWARE TESTING LAB	23	49	2
15A91A05I0	RT4105O	HADOOP AND BIGDATA LAB	20	42	2
15A91A1201	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	14	0
15A91A1201	RT41052	UML AND DESIGN PATTERNS	18	32	3
15A91A1201	RT41053	MOBILE COMPUTING	22	4	0
15A91A1201	RT41056	INFORMATION RETRIEVAL SYSTEMS	15	25	3
15A91A1201	RT4105B	HADOOP AND BIG DATA	21	16	0
15A91A1201	RT4112L	UML AND DESIGN PATTERNS LAB	18	39	2
15A91A1201	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	37	2
15A91A1201	RT4112N	SOFTWARE ENGINEERING LAB	18	38	2

15A91A1201 RT41120	Htno	Subcode	Subname	Internal	External	Credits
15A91A1202	15A91A1201	RT4112O	HADOOP AND BIGDATA LAB	19	33	2
15A91A1202						
15A91A1202						
15.6914.1202 RT41056 INFORMATION RETRIEVAL SYSTEMS 23 28 3 3 3 3 3 3 3 3 3						
15A91A1202						
15A91A1202 RT4112L						
15A91A1202 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 37 2						
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15A91A1206 RT41053 MOBILE COMPUTING 28 47 3 15A91A1206 RT41056 INFORMATION RETRIEVAL SYSTEMS 28 53 3 15A91A1206 RT4105B HADOOP AND BIG DATA 27 55 3 15A91A1206 RT4112L UML AND DESIGN PATTERNS LAB 23 45 2 15A91A1206 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 44 2 15A91A1206 RT4112N SOFTWARE ENGINEERING LAB 23 47 2 15A91A1206 RT4112O HADOOP AND BIGDATA LAB 22 48 2 15A91A1207 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 24 3 15A91A1207 RT41052 UML AND DESIGN PATTERNS 19 24 3 15A91A1207 RT41053 MOBILE COMPUTING 25 18 0	15A91A1206	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	36	3
15A91A1206 RT41056 INFORMATION RETRIEVAL SYSTEMS 28 53 3 15A91A1206 RT4105B HADOOP AND BIG DATA 27 55 3 15A91A1206 RT4112L UML AND DESIGN PATTERNS LAB 23 45 2 15A91A1206 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 44 2 15A91A1206 RT4112N SOFTWARE ENGINEERING LAB 23 47 2 15A91A1206 RT4112O HADOOP AND BIGDATA LAB 22 48 2 15A91A1207 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 24 3 15A91A1207 RT41052 UML AND DESIGN PATTERNS 19 24 3 15A91A1207 RT41053 MOBILE COMPUTING 25 18 0	15A91A1206	RT41052	UML AND DESIGN PATTERNS	23	40	3
15A91A1206 RT4105B HADOOP AND BIG DATA 27 55 3 15A91A1206 RT4112L UML AND DESIGN PATTERNS LAB 23 45 2 15A91A1206 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 44 2 15A91A1206 RT4112N SOFTWARE ENGINEERING LAB 23 47 2 15A91A1206 RT4112O HADOOP AND BIGDATA LAB 22 48 2 15A91A1207 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 24 3 15A91A1207 RT41052 UML AND DESIGN PATTERNS 19 24 3 15A91A1207 RT41053 MOBILE COMPUTING 25 18 0	15A91A1206	RT41053	MOBILE COMPUTING	28	47	3
15A91A1206 RT4112L UML AND DESIGN PATTERNS LAB 23 45 2 15A91A1206 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 44 2 15A91A1206 RT4112N SOFTWARE ENGINEERING LAB 23 47 2 15A91A1206 RT4112O HADOOP AND BIGDATA LAB 22 48 2 15A91A1207 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 24 3 15A91A1207 RT41052 UML AND DESIGN PATTERNS 19 24 3 15A91A1207 RT41053 MOBILE COMPUTING 25 18 0	15A91A1206	RT41056	INFORMATION RETRIEVAL SYSTEMS	28	53	3
15A91A1206 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 44 2 15A91A1206 RT4112N SOFTWARE ENGINEERING LAB 23 47 2 15A91A1206 RT4112O HADOOP AND BIGDATA LAB 22 48 2 15A91A1207 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 24 3 15A91A1207 RT41052 UML AND DESIGN PATTERNS 19 24 3 15A91A1207 RT41053 MOBILE COMPUTING 25 18 0	15A91A1206	RT4105B	HADOOP AND BIG DATA	27	55	3
15A91A1206 RT4112N SOFTWARE ENGINEERING LAB 23 47 2 15A91A1206 RT4112O HADOOP AND BIGDATA LAB 22 48 2 15A91A1207 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 24 3 15A91A1207 RT41052 UML AND DESIGN PATTERNS 19 24 3 15A91A1207 RT41053 MOBILE COMPUTING 25 18 0	15A91A1206	RT4112L	UML AND DESIGN PATTERNS LAB	23	45	2
15A91A1206 RT4112O HADOOP AND BIGDATA LAB 22 48 2 15A91A1207 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 24 3 15A91A1207 RT41052 UML AND DESIGN PATTERNS 19 24 3 15A91A1207 RT41053 MOBILE COMPUTING 25 18 0	15A91A1206	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15A91A1207 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 24 3 15A91A1207 RT41052 UML AND DESIGN PATTERNS 19 24 3 15A91A1207 RT41053 MOBILE COMPUTING 25 18 0	15A91A1206	RT4112N	SOFTWARE ENGINEERING LAB	23	47	2
15A91A1207 RT41052 UML AND DESIGN PATTERNS 19 24 3 15A91A1207 RT41053 MOBILE COMPUTING 25 18 0	15A91A1206	RT4112O	HADOOP AND BIGDATA LAB	22	48	2
15A91A1207 RT41053 MOBILE COMPUTING 25 18 0	15A91A1207	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	24	3
	15A91A1207	RT41052	UML AND DESIGN PATTERNS	19	24	3
15A91A1207 RT41056 INFORMATION RETRIEVAL SYSTEMS	15A91A1207	RT41053	MOBILE COMPUTING	25	18	0
	15A91A1207	RT41056	INFORMATION RETRIEVAL SYSTEMS	19	34	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A1207	RT4105B	HADOOP AND BIG DATA	24	41	3
15A91A1207	RT4112L	UML AND DESIGN PATTERNS LAB	22	42	2
15A91A1207	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	17	39	2
15A91A1207	RT4112N	SOFTWARE ENGINEERING LAB	22	44	2
15A91A1207	RT4112O	HADOOP AND BIGDATA LAB	21	45	2
15A91A1208	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	28	3
15A91A1208	RT41052	UML AND DESIGN PATTERNS	17	32	3
15A91A1208	RT41053	MOBILE COMPUTING	19	32	3
15A91A1208	RT41056	INFORMATION RETRIEVAL SYSTEMS	18	6	0
15A91A1208	RT4105B	HADOOP AND BIG DATA	19	14	0
15A91A1208	RT4112L	UML AND DESIGN PATTERNS LAB	19	41	2
15A91A1208	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	14	30	2
15A91A1208	RT4112N	SOFTWARE ENGINEERING LAB	19	34	2
15A91A1208	RT4112O	HADOOP AND BIGDATA LAB	19	34	2
15A91A1209	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	36	3
15A91A1209	RT41052	UML AND DESIGN PATTERNS	19	32	3
15A91A1209	RT41053	MOBILE COMPUTING	21	29	3
15A91A1209	RT41056	INFORMATION RETRIEVAL SYSTEMS	20	35	3
15A91A1209	RT4105B	HADOOP AND BIG DATA	19	27	3
15A91A1209	RT4112L	UML AND DESIGN PATTERNS LAB	20	44	2
15A91A1209	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	37	2
15A91A1209	RT4112N	SOFTWARE ENGINEERING LAB	21	40	2
15A91A1209	RT4112O	HADOOP AND BIGDATA LAB	21	39	2
15A91A1210	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	29	3
15A91A1210	RT41052	UML AND DESIGN PATTERNS	20	34	3
15A91A1210	RT41053	MOBILE COMPUTING	27	31	3
15A91A1210	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	40	3
15A91A1210	RT4105B	HADOOP AND BIG DATA	23	43	3
15A91A1210	RT4112L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A1210	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15A91A1210	RT4112N	SOFTWARE ENGINEERING LAB	21	45	2
15A91A1210	RT41120	HADOOP AND BIGDATA LAB	22	42	2
15A91A1212	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	26	3
15A91A1212	RT41052	UML AND DESIGN PATTERNS	22	31	3
15A91A1212	RT41053	MOBILE COMPUTING	27	43	3
15A91A1212	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	36	3
15A91A1212	RT4105B	HADOOP AND BIG DATA	25	51	3
15A91A1212	RT4112L	UML AND DESIGN PATTERNS LAB	22	46	2
15A91A1212	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	43	2
15A91A1212	RT4112N	SOFTWARE ENGINEERING LAB	23	44	2
15A91A1212	RT4112O	HADOOP AND BIGDATA LAB	22	42	2
15A91A1213	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	29	3
15A91A1213	RT41052	UML AND DESIGN PATTERNS	20	43	3
15A91A1213	RT41053	MOBILE COMPUTING	26	47	3
15A91A1213	RT41056	INFORMATION RETRIEVAL SYSTEMS	28	39	3
15A91A1213	RT4105B	HADOOP AND BIG DATA	27	47	3
15A91A1213	RT4112L	UML AND DESIGN PATTERNS LAB	24	45	2
15A91A1213	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	44	2
15A91A1213	RT4112N	SOFTWARE ENGINEERING LAB	23	42	2
15A91A1213	RT4112O	HADOOP AND BIGDATA LAB	22	40	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A1214	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	37	3
15A91A1214	RT41051	UML AND DESIGN PATTERNS	24	44	3
15A91A1214	RT41053	MOBILE COMPUTING	26	29	3
15A91A1214	RT41056	INFORMATION RETRIEVAL SYSTEMS	30	44	3
15A91A1214	RT4105B	HADOOP AND BIG DATA	29	61	3
15A91A1214	RT4112L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A1214	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	25	46	2
15A91A1214	RT4112N	SOFTWARE ENGINEERING LAB	25	47	2
15A91A1214	RT41120	HADOOP AND BIGDATA LAB	25	48	2
15A91A1217	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	37	3
15A91A1217	RT41052	UML AND DESIGN PATTERNS	23	36	3
15A91A1217	RT41053	MOBILE COMPUTING	29	40	3
15A91A1217	RT41056	INFORMATION RETRIEVAL SYSTEMS	29	46	3
15A91A1217	RT4105B	HADOOP AND BIG DATA	27	52	3
15A91A1217	RT4112L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A1217	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A1217	RT4112N	SOFTWARE ENGINEERING LAB	23	46	2
15A91A1217	RT41120	HADOOP AND BIGDATA LAB	24	47	2
15A91A1218	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	26	3
15A91A1218	RT41052	UML AND DESIGN PATTERNS	20	32	3
15A91A1218	RT41053	MOBILE COMPUTING	26	37	3
15A91A1218	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	38	3
15A91A1218	RT4105B	HADOOP AND BIG DATA	23	41	3
15A91A1218	RT4112L	UML AND DESIGN PATTERNS LAB	25	48	2
15A91A1218	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15A91A1218	RT4112N	SOFTWARE ENGINEERING LAB	25	48	2
15A91A1218	RT41120	HADOOP AND BIGDATA LAB	25	49	2
15A91A1219	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	38	3
15A91A1219	RT41052	UML AND DESIGN PATTERNS	22	46	3
15A91A1219	RT41053	MOBILE COMPUTING	29	70	3
15A91A1219	RT41056	INFORMATION RETRIEVAL SYSTEMS	29	46	3
15A91A1219	RT4105B	HADOOP AND BIG DATA	24	39	3
15A91A1219	RT4112L	UML AND DESIGN PATTERNS LAB	24	48	2
15A91A1219	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
15A91A1219	RT4112N	SOFTWARE ENGINEERING LAB	24	48	2
15A91A1219	RT41120	HADOOP AND BIGDATA LAB	23	49	2
15A91A1220	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	31	3
15A91A1220	RT41052	UML AND DESIGN PATTERNS	19	28	3
15A91A1220	RT41053	MOBILE COMPUTING	24	29	3
15A91A1220	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	34	3
15A91A1220	RT4105B	HADOOP AND BIG DATA	21	27	3
15A91A1220	RT4112L	UML AND DESIGN PATTERNS LAB	20	43	2
15A91A1220	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	38	2
15A91A1220	RT4112N	SOFTWARE ENGINEERING LAB	21	38	2
15A91A1220	RT4112O	HADOOP AND BIGDATA LAB	20	36	2
15A91A1221	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	32	3
15A91A1221	RT41052	UML AND DESIGN PATTERNS	22	28	3
15A91A1221	RT41053	MOBILE COMPUTING	25	32	3
15A91A1221	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	32	3
15A91A1221	RT4105B	HADOOP AND BIG DATA	26	34	3

15A91A1221 RT4112L	Htno	Subcode	Subname	Internal	External	Credits
15A91A1221 RT4112N	15A91A1221	RT4112L	UML AND DESIGN PATTERNS LAB	21	42	2
15A91A1222	15A91A1221	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	47	2
15A91A1222	15A91A1221	RT4112N	SOFTWARE ENGINEERING LAB	23	40	2
15A91A1222 RT41052 UML AND DESIGN PATTERNS 23 25 3 15A91A1222 RT41058 MOBILE COMPUTING 27 38 3 15A91A1222 RT41058 INFORMATION RETRIEVAL SYSTEMS 22 34 3 15A91A1222 RT4112L MOBILE APDELCATION DEVELOPMENT LAB 25 43 3 15A91A1222 RT4112L MOBILE APPLICATION DEVELOPMENT LAB 22 42 2 15A91A1222 RT4112N MOBILE APPLICATION DEVELOPMENT LAB 22 42 2 15A91A1223 RT4112N MOBILE APPLICATION DEVELOPMENT LAB 22 42 2 15A91A1223 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 26 37 3 15A91A1223 RT41052 UML AND DESIGN PATTERNS 26 43 3 15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT4112L UML AND DESIGN PATTERNS LAB 21 49 2 15A91A1223 RT4112M MOBILE COMPUTIN	15A91A1221	RT4112O	HADOOP AND BIGDATA LAB	23	42	2
15A91A1222 RT41053 MOBILE COMPUTING 27 38 3 15A91A1222 RT41056 INFORMATION RETRIEVAL SYSTEMS 22 34 3 3 15A91A1222 RT41056 INFORMATION RETRIEVAL SYSTEMS 22 34 3 3 15A91A1222 RT4112L UML AND DESIGN PATTERNS LAB 19 45 2 15A91A1222 RT4112L MOBILE APPLICATION DEVELOPMENT LAB 22 42 2 15A91A1222 RT4112N MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 15A91A1222 RT4112D HADOOP AND BIGDATA LAB 22 39 2 15A91A1223 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 26 37 3 15A91A1223 RT41052 UML AND DESIGN PATTERNS 26 43 3 15A91A1223 RT41053 MOBILE COMPUTING 28 45 3 15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT4112L UML AND DESIGN PATTERNS 26 43 3 15A91A1223 RT4112L UML AND DESIGN PATTERNS LAB 21 49 2 15A91A1223 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 21 49 2 15A91A1223 RT4112N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 2 15A91A1223 RT4112D HADOOP AND BIGDATA LAB 24 46 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 18 41 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 18 41 3 15A91A1224 RT41051 UML AND DESIGN PATTERNS 20 43 2 15A91A1224 RT41052 UML AND DESIGN PATTERNS 20 43 2 15A91A1225 RT41055 UML AND DESIGN PATTERNS 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEV	15A91A1222	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	31	3
15A91A1222	15A91A1222	RT41052	UML AND DESIGN PATTERNS	23	25	3
15A91A1222 RT4105B HADOOP AND BIG DATA 25 43 3 15A91A1222 RT4112L UML AND DESIGN PATTERNS LAB 19 45 2 2 15A91A1222 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 44 2 2 15A91A1222 RT4112M SOFTWARE ENGINEERING LAB 22 44 2 2 15A91A1222 RT4112O HADOOP AND BIGDATA LAB 22 34 2 2 15A91A1223 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 26 37 3 3 15A91A1223 RT41052 UML AND DESIGN PATTERNS 26 43 3 15A91A1223 RT41053 MOBILE COMPUTING 28 45 3 15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT41058 HADOOP AND BIG DATA 25 54 3 15A91A1223 RT41058 HADOOP AND BIG DATA 25 54 3 15A91A1223 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 21 49 2 15A91A1223 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A1223 RT4112D HADOOP AND BIGDATA LAB 24 46 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41058 HADOOP AND BIG DATA 19 29 3 15A91A1224 RT41058 HADOOP AND BIG DATA 19 29 3 15A91A1224 RT41058 HADOOP AND BIG DATA 19 29 3 15A91A1224 RT41058 HADOOP AND BIG DATA 19 29 3 15A91A1224 RT41058 HADOOP AND BIG DATA 19 29 3 15A91A1224 RT41058 HADOOP AND BIG DATA 19 29 3 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41051 CRYPTOGRAPHY AND NE	15A91A1222	RT41053	MOBILE COMPUTING	27	38	3
15A91A1222 RT4112L UML AND DESIGN PATTERNS LAB 19 45 2 15A91A1222 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 42 2 15A91A1222 RT4112N SOFTWARE ENGINEERING LAB 22 34 2 15A91A1222 RT4112O HADOOP AND BIGDATA LAB 22 39 2 2 15A91A1223 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 26 37 3 3 15A91A1223 RT41052 UML AND DESIGN PATTERNS 26 43 3 15A91A1223 RT41053 MOBILE COMPUTING 28 45 3 15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT4112L UML AND DESIGN PATTERNS LAB 21 49 2 2 15A91A1223 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 21 49 2 2 15A91A1223 RT4112N SOFTWARE ENGINEERING LAB 24 46 2 2 15A91A1223 RT4112D HADOOP AND BIGDATA LAB 24 47 2 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 3 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 16 24 3 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT41056 INFORMATION NETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT41105 HADOOP AND BIG DATA 19 29 3 15A91A1224 RT41105 HADOOP AND BIG DATA 19 29 3 15A91A1224 RT41105 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1224 RT41105 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41056 INFORMATION DEVELOPMENT LAB 21 36 2 15A91A1225 RT41056 INFORMATION DEVELOPMENT LAB 21 36 2 15A91A1225 RT41056 INFORMATION DETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT41056 INFORMATION DETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT41056 INFORMATION DETRIEVAL	15A91A1222	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	34	3
15A91A1222	15A91A1222	RT4105B	HADOOP AND BIG DATA	25	43	3
15A91A1222 RT4112N SOFTWARE ENGINEERING LAB 22 44 2 15A91A1222 RT4112O HADOOP AND BIGDATA LAB 22 39 2 15A91A1223 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 26 37 3 15A91A1223 RT41052 UML AND DESIGN PATTERNS 26 43 3 15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT41058 HADOOP AND BIG DATA 25 54 3 15A91A1223 RT4112L UML AND DESIGN PATTERNS LAB 21 49 2 15A91A1223 RT4112N SOFTWARE ENGINEERING LAB 24 46 2 15A91A1223 RT4112N SOFTWARE ENGINEERING LAB 24 47 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41053 MOBILE COMPUTING 19	15A91A1222	RT4112L	UML AND DESIGN PATTERNS LAB	19	45	2
15A91A1222	15A91A1222	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	42	2
15A91A1223 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 26 37 3 15A91A1223 RT41052 UML AND DESIGN PATTERNS 26 43 3 15A91A1223 RT41053 MOBILE COMPUTING 28 45 3 15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT4105B HADOOP AND BIG DATA 25 54 3 15A91A1223 RT4112L UML AND DESIGN PATTERNS LAB 21 49 2 15A91A1223 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A1223 RT4112M MOBILE EAPPLICATION DEVELOPMENT LAB 24 46 2 15A91A1223 RT4112D HADOOP AND BIGDATA LAB 24 47 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41053 MOBILE COMPUTING 19	15A91A1222	RT4112N	SOFTWARE ENGINEERING LAB	22	44	2
15A91A1223 RT41052 UML AND DESIGN PATTERNS 26 43 3 15A91A1223 RT41053 MOBILE COMPUTING 28 45 3 15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT4105B HADOOP AND BIG DATA 25 54 3 15A91A1223 RT4112L UML AND DESIGN PATTERNS LAB 21 49 2 15A91A1223 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A1223 RT4112D MOBILE APPLICATION DEVELOPMENT LAB 24 46 2 15A91A1223 RT4112O HADOOP AND BIGDATA LAB 24 47 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 47 2 15A91A1224 RT41058 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4105B HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112M	15A91A1222	RT4112O	HADOOP AND BIGDATA LAB	22	39	2
15A91A1223 RT41053 MOBILE COMPUTING 28 45 3 15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT4105B HADOOP AND BIG DATA 25 54 3 15A91A1223 RT4112L UML AND DESIGN PATTERNS LAB 21 49 2 15A91A1223 RT4112N MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A1223 RT4112N SOFTWARE ENGINEERING LAB 24 46 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT41058 HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112M MOBILE APPLICATION DEVELOP	15A91A1223	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	37	3
15A91A1223 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 42 3 15A91A1223 RT4105B HADOOP AND BIG DATA 25 54 3 15A91A1223 RT4112L UML AND DESIGN PATTERNS LAB 21 49 2 15A91A1223 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A1223 RT4112N SOFTWARE ENGINEERING LAB 24 46 2 15A91A1223 RT4112O HADOOP AND BIGDATA LAB 24 47 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4112M MOBILE COMPUTING 19 29 3 15A91A1224 RT4112D MADOOP AND BIGDATA LAB 20 43 2 15A91A1225 RT41051 CRYPTOGRAPHY AN	15A91A1223	RT41052	UML AND DESIGN PATTERNS	26	43	3
15A91A1223 RT4105B HADOOP AND BIG DATA 25 54 3 15A91A1223 RT4112L UML AND DESIGN PATTERNS LAB 21 49 2 15A91A1223 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A1223 RT4112N SOFTWARE ENGINEERING LAB 24 46 2 15A91A1223 RT4112O HADOOP AND BIGDATA LAB 24 47 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4112b UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 33 2 15A91A1224 RT4112D HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NE	15A91A1223	RT41053	MOBILE COMPUTING	28	45	3
15A91A1223 RT4112L UML AND DESIGN PATTERNS LAB 21 49 2 15A91A1223 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A1223 RT4112N SOFTWARE ENGINEERING LAB 24 46 2 15A91A1223 RT4112O HADOOP AND BIGDATA LAB 24 47 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4105B HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAP	15A91A1223	RT41056	INFORMATION RETRIEVAL SYSTEMS	30	42	3
15A91A1223 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 47 2 15A91A1223 RT4112N SOFTWARE ENGINEERING LAB 24 46 2 15A91A1223 RT4112O HADOOP AND BIGDATA LAB 24 47 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4105B HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112N MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY	15A91A1223	RT4105B	HADOOP AND BIG DATA	25	54	3
15A91A1223 RT4112N SOFTWARE ENGINEERING LAB 24 46 2 15A91A1223 RT4112O HADOOP AND BIGDATA LAB 24 47 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4105B HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 37 2 15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41053 MOBILE COMPUTING	15A91A1223	RT4112L	UML AND DESIGN PATTERNS LAB	21	49	2
15A91A1223 RT41120 HADOOP AND BIGDATA LAB 24 47 2 15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4105B HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 37 2 15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41056 INFORMATION RETRI	15A91A1223	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A91A1224 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 25 3 15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4105B HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 37 2 15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B	15A91A1223	RT4112N	SOFTWARE ENGINEERING LAB	24	46	2
15A91A1224 RT41052 UML AND DESIGN PATTERNS 16 24 3 15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4105B HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 37 2 15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS	15A91A1223	RT4112O	HADOOP AND BIGDATA LAB	24	47	2
15A91A1224 RT41053 MOBILE COMPUTING 19 24 3 15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4105B HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 37 2 15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION D	15A91A1224	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	25	3
15A91A1224 RT41056 INFORMATION RETRIEVAL SYSTEMS 18 41 3 15A91A1224 RT4105B HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 37 2 15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41053 MOBILE COMPUTING 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION D	15A91A1224	RT41052	UML AND DESIGN PATTERNS	16	24	3
15A91A1224 RT4105B HADOOP AND BIG DATA 19 29 3 15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 37 2 15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41053 MOBILE COMPUTING 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINE	15A91A1224	RT41053	MOBILE COMPUTING	19	24	3
15A91A1224 RT4112L UML AND DESIGN PATTERNS LAB 20 43 2 15A91A1224 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 37 2 15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41053 MOBILE COMPUTING 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1224	RT41056	INFORMATION RETRIEVAL SYSTEMS	18	41	3
15A91A1224 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 33 2 15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 37 2 15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41053 MOBILE COMPUTING 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1224	RT4105B	HADOOP AND BIG DATA	19	29	3
15A91A1224 RT4112N SOFTWARE ENGINEERING LAB 21 37 2 15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41053 MOBILE COMPUTING 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1224	RT4112L	UML AND DESIGN PATTERNS LAB	20	43	2
15A91A1224 RT4112O HADOOP AND BIGDATA LAB 21 36 2 15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41053 MOBILE COMPUTING 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1224	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	33	2
15A91A1225 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 25 45 3 15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41053 MOBILE COMPUTING 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1224	RT4112N	SOFTWARE ENGINEERING LAB	21	37	2
15A91A1225 RT41052 UML AND DESIGN PATTERNS 23 28 3 15A91A1225 RT41053 MOBILE COMPUTING 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1224	RT4112O	HADOOP AND BIGDATA LAB	21	36	2
15A91A1225 RT41053 MOBILE COMPUTING 28 45 3 15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1225	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	45	3
15A91A1225 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 41 3 15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1225	RT41052	UML AND DESIGN PATTERNS	23	28	3
15A91A1225 RT4105B HADOOP AND BIG DATA 25 53 3 15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1225	RT41053	MOBILE COMPUTING	28	45	3
15A91A1225 RT4112L UML AND DESIGN PATTERNS LAB 24 47 2 15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1225	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	41	3
15A91A1225 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 19 42 2 15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1225	RT4105B	HADOOP AND BIG DATA	25	53	3
15A91A1225 RT4112N SOFTWARE ENGINEERING LAB 22 42 2	15A91A1225	RT4112L	UML AND DESIGN PATTERNS LAB	24	47	2
	15A91A1225	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	19	42	2
15A91A1225 RT4112O HADOOP AND BIGDATA LAB 21 42 2	15A91A1225	RT4112N	SOFTWARE ENGINEERING LAB	22	42	2
	15A91A1225	RT41120	HADOOP AND BIGDATA LAB	21	42	2
15A91A1226 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 19 30 3	15A91A1226	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	30	3
15A91A1226 RT41052 UML AND DESIGN PATTERNS 18 40 3	15A91A1226	RT41052	UML AND DESIGN PATTERNS	18	40	3
15A91A1226 RT41053 MOBILE COMPUTING 28 35 3	15A91A1226	RT41053	MOBILE COMPUTING	28	35	3
15A91A1226 RT41056 INFORMATION RETRIEVAL SYSTEMS 26 40 3	15A91A1226	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	40	3
15A91A1226 RT4105B HADOOP AND BIG DATA 24 46 3	15A91A1226	RT4105B	HADOOP AND BIG DATA	24	46	3
15A91A1226 RT4112L UML AND DESIGN PATTERNS LAB 20 45 2	15A91A1226	RT4112L	UML AND DESIGN PATTERNS LAB	20	45	2
15A91A1226 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 21 43 2	15A91A1226	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15A91A1226 RT4112N SOFTWARE ENGINEERING LAB 21 45 2	15A91A1226	RT4112N	SOFTWARE ENGINEERING LAB	21	45	2
15A91A1226 RT4112O HADOOP AND BIGDATA LAB 21 46 2	15A91A1226	RT41120	HADOOP AND BIGDATA LAB	21	46	2
15A91A1227 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 35 3	15A91A1227	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	35	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A1227	RT41052	UML AND DESIGN PATTERNS	25	36	3
15A91A1227	RT41053	MOBILE COMPUTING	27	64	3
15A91A1227	RT41056	INFORMATION RETRIEVAL SYSTEMS	29	32	3
15A91A1227	RT4105B	HADOOP AND BIG DATA	24	38	3
15A91A1227	RT4112L	UML AND DESIGN PATTERNS LAB	24	46	2
15A91A1227	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15A91A1227	RT4112N	SOFTWARE ENGINEERING LAB	23	49	2
15A91A1227	RT41120	HADOOP AND BIGDATA LAB	23	49	2
15A91A1228	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	32	3
15A91A1228	RT41052	UML AND DESIGN PATTERNS	25	29	3
15A91A1228	RT41053	MOBILE COMPUTING	27	34	3
15A91A1228	RT41056	INFORMATION RETRIEVAL SYSTEMS	28	37	3
15A91A1228	RT4105B	HADOOP AND BIG DATA	24	54	3
15A91A1228	RT4112L	UML AND DESIGN PATTERNS LAB	21	48	2
15A91A1228	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15A91A1228	RT4112N	SOFTWARE ENGINEERING LAB	23	49	2
15A91A1228	RT41120	HADOOP AND BIGDATA LAB	23	48	2
15A91A1229	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	47	3
15A91A1229	RT41051	UML AND DESIGN PATTERNS	26	45	3
15A91A1229	RT41052	MOBILE COMPUTING	30	55	3
15A91A1229	RT41056	INFORMATION RETRIEVAL SYSTEMS	29	37	3
15A91A1229	RT4105B	HADOOP AND BIG DATA	26	49	3
15A91A1229	RT4112L	UML AND DESIGN PATTERNS LAB	22	48	2
15A91A1229	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
15A91A1229	RT4112M	SOFTWARE ENGINEERING LAB	24	50	2
15A91A1229	RT41120	HADOOP AND BIGDATA LAB	23	50	2
15A91A1230	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	43	3
15A91A1230	RT41051	UML AND DESIGN PATTERNS	23	25	3
15A91A1230	RT41053	MOBILE COMPUTING	23	46	3
15A91A1230	RT41056	INFORMATION RETRIEVAL SYSTEMS	28	28	3
15A91A1230	RT4105B	HADOOP AND BIG DATA	27	68	3
15A91A1230	RT4112L	UML AND DESIGN PATTERNS LAB	22	47	2
15A91A1230	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
15A91A1230	RT4112N	SOFTWARE ENGINEERING LAB	22	50	2
15A91A1230	RT41120	HADOOP AND BIGDATA LAB	24	50	2
15A91A1231	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	28	3
15A91A1231	RT41052	UML AND DESIGN PATTERNS	19	34	3
15A91A1231	RT41053	MOBILE COMPUTING	27	34	3
15A91A1231	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	32	3
15A91A1231	RT4105B	HADOOP AND BIG DATA	24	26	3
15A91A1231	RT4112L	UML AND DESIGN PATTERNS LAB	22	47	2
15A91A1231	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A91A1231	RT4112N	SOFTWARE ENGINEERING LAB	23	46	2
15A91A1231	RT41120	HADOOP AND BIGDATA LAB	22	42	2
15A91A1232	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	34	3
15A91A1232	RT41052	UML AND DESIGN PATTERNS	24	29	3
15A91A1232	RT41053	MOBILE COMPUTING	28	31	3
15A91A1232	RT41056	INFORMATION RETRIEVAL SYSTEMS	29	34	3
15A91A1232	RT4105B	HADOOP AND BIG DATA	29	56	3
15A91A1232	RT4112L	UML AND DESIGN PATTERNS LAB	25	49	2
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15A91A1232	Htno	Subcode	Subname	Internal	External	Credits
15A91A1232	15A91A1232	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A91A1232						
15A91A1233 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 20 39 3 3 15A91A1233 RT41052 UML AND DESIGN PATTERNS 15 34 3 3 15A91A1233 RT41056 INFORMATION RETRIEVAL SYSTEMS 24 35 3 3 15A91A1233 RT41056 INFORMATION RETRIEVAL SYSTEMS 24 35 3 3 15A91A1233 RT41124 MUML AND DESIGN PATTERNS LAB 18 42 2 2 2 2 2 2 2 2						
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15A91A1236 RT4112L UML AND DESIGN PATTERNS LAB 22 44 2 15A91A1236 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 18 38 2 15A91A1236 RT4112N SOFTWARE ENGINEERING LAB 18 38 2 15A91A1236 RT4112O HADOOP AND BIGDATA LAB 19 36 2 15A91A1237 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 47 3 15A91A1237 RT41052 UML AND DESIGN PATTERNS 20 37 3 15A91A1237 RT41053 MOBILE COMPUTING 28 40 3 15A91A1237 RT41056 INFORMATION RETRIEVAL SYSTEMS 29 33 3 15A91A1237 RT4105B HADOOP AND BIG DATA 26 48 3 15A91A1237 RT4112L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND	15A91A1236	RT41056	INFORMATION RETRIEVAL SYSTEMS	19	28	3
15A91A1236 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 18 38 2 15A91A1236 RT4112N SOFTWARE ENGINEERING LAB 18 38 2 15A91A1236 RT4112O HADOOP AND BIGDATA LAB 19 36 2 15A91A1237 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 47 3 15A91A1237 RT41052 UML AND DESIGN PATTERNS 20 37 3 15A91A1237 RT41053 MOBILE COMPUTING 28 40 3 15A91A1237 RT41056 INFORMATION RETRIEVAL SYSTEMS 29 33 3 15A91A1237 RT4105B HADOOP AND BIG DATA 26 48 3 15A91A1237 RT4112L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1236	RT4105B	HADOOP AND BIG DATA	24	31	3
15A91A1236 RT4112N SOFTWARE ENGINEERING LAB 18 38 2 15A91A1236 RT4112O HADOOP AND BIGDATA LAB 19 36 2 15A91A1237 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 47 3 15A91A1237 RT41052 UML AND DESIGN PATTERNS 20 37 3 15A91A1237 RT41053 MOBILE COMPUTING 28 40 3 15A91A1237 RT41056 INFORMATION RETRIEVAL SYSTEMS 29 33 3 15A91A1237 RT4105B HADOOP AND BIG DATA 26 48 3 15A91A1237 RT4112L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1236	RT4112L	UML AND DESIGN PATTERNS LAB	22	44	2
15A91A1236 RT4112O HADOOP AND BIGDATA LAB 19 36 2 15A91A1237 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 47 3 15A91A1237 RT41052 UML AND DESIGN PATTERNS 20 37 3 15A91A1237 RT41053 MOBILE COMPUTING 28 40 3 15A91A1237 RT41056 INFORMATION RETRIEVAL SYSTEMS 29 33 3 15A91A1237 RT4105B HADOOP AND BIG DATA 26 48 3 15A91A1237 RT4112L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1236	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	38	2
15A91A1237 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 47 3 15A91A1237 RT41052 UML AND DESIGN PATTERNS 20 37 3 15A91A1237 RT41053 MOBILE COMPUTING 28 40 3 15A91A1237 RT41056 INFORMATION RETRIEVAL SYSTEMS 29 33 3 15A91A1237 RT4105B HADOOP AND BIG DATA 26 48 3 15A91A1237 RT4112L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1236	RT4112N	SOFTWARE ENGINEERING LAB	18	38	2
15A91A1237 RT41052 UML AND DESIGN PATTERNS 20 37 3 15A91A1237 RT41053 MOBILE COMPUTING 28 40 3 15A91A1237 RT41056 INFORMATION RETRIEVAL SYSTEMS 29 33 3 15A91A1237 RT4105B HADOOP AND BIG DATA 26 48 3 15A91A1237 RT4112L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1236	RT4112O	HADOOP AND BIGDATA LAB	19	36	2
15A91A1237 RT41053 MOBILE COMPUTING 28 40 3 15A91A1237 RT41056 INFORMATION RETRIEVAL SYSTEMS 29 33 3 15A91A1237 RT4105B HADOOP AND BIG DATA 26 48 3 15A91A1237 RT4112L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1237	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	47	3
15A91A1237 RT41056 INFORMATION RETRIEVAL SYSTEMS 29 33 3 15A91A1237 RT4105B HADOOP AND BIG DATA 26 48 3 15A91A1237 RT4112L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1237	RT41052	UML AND DESIGN PATTERNS	20	37	3
15A91A1237 RT4105B HADOOP AND BIG DATA 26 48 3 15A91A1237 RT4112L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1237	RT41053	MOBILE COMPUTING	28	40	3
15A91A1237 RT4112L UML AND DESIGN PATTERNS LAB 22 46 2 15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1237	RT41056	INFORMATION RETRIEVAL SYSTEMS	29	33	3
15A91A1237 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 46 2 15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1237	RT4105B	HADOOP AND BIG DATA	26	48	3
15A91A1237 RT4112N SOFTWARE ENGINEERING LAB 21 42 2 15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1237	RT4112L	UML AND DESIGN PATTERNS LAB	22	46	2
15A91A1237 RT4112O HADOOP AND BIGDATA LAB 20 42 2	15A91A1237	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	46	2
	15A91A1237	RT4112N	SOFTWARE ENGINEERING LAB	21	42	2
LEACH AGOS DELICATE OF A FINANCIA CONTROL OF	15A91A1237	RT41120	HADOOP AND BIGDATA LAB	20	42	2
15A91A1238 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 26 34 3	15A91A1238	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	34	3
15A91A1238 RT41052 UML AND DESIGN PATTERNS 18 28 3	15A91A1238	RT41052	UML AND DESIGN PATTERNS	18	28	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A1238	RT41053	MOBILE COMPUTING	27	37	3
15A91A1238	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	28	3
15A91A1238	RT4105B	HADOOP AND BIG DATA	19	41	3
15A91A1238	RT4112L	UML AND DESIGN PATTERNS LAB	23	45	2
15A91A1238	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15A91A1238	RT4112N	SOFTWARE ENGINEERING LAB	22	43	2
15A91A1238	RT4112O	HADOOP AND BIGDATA LAB	21	42	2
15A91A1239	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	37	3
15A91A1239	RT41052	UML AND DESIGN PATTERNS	21	52	3
15A91A1239	RT41053	MOBILE COMPUTING	24	57	3
15A91A1239	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	39	3
15A91A1239	RT4105B	HADOOP AND BIG DATA	22	33	3
15A91A1239	RT4112L	UML AND DESIGN PATTERNS LAB	21	46	2
15A91A1239	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
15A91A1239	RT4112N	SOFTWARE ENGINEERING LAB	21	41	2
15A91A1239	RT41120	HADOOP AND BIGDATA LAB	20	41	2
15A91A1240	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	40	3
15A91A1240	RT41052	UML AND DESIGN PATTERNS	24	28	3
15A91A1240	RT41053	MOBILE COMPUTING	28	31	3
15A91A1240	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	33	3
15A91A1240	RT4105B	HADOOP AND BIG DATA	24	51	3
15A91A1240	RT4112L	UML AND DESIGN PATTERNS LAB	22	47	2
15A91A1240	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15A91A1240	RT4112N	SOFTWARE ENGINEERING LAB	24	47	2
15A91A1240	RT4112O	HADOOP AND BIGDATA LAB	23	48	2
15A91A1241	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	32	3
15A91A1241	RT41052	UML AND DESIGN PATTERNS	26	35	3
15A91A1241	RT41053	MOBILE COMPUTING	25	33	3
15A91A1241	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	25	3
15A91A1241	RT4105B	HADOOP AND BIG DATA	27	52	3
15A91A1241	RT4112L	UML AND DESIGN PATTERNS LAB	22	46	2
15A91A1241	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
15A91A1241	RT4112N	SOFTWARE ENGINEERING LAB	23	40	2
15A91A1241	RT41120	HADOOP AND BIGDATA LAB	22	42	2
15A91A1242	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	30	3
15A91A1242	RT41052	UML AND DESIGN PATTERNS	21	25	3
15A91A1242	RT41053	MOBILE COMPUTING	23	29	3
15A91A1242	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	27	3
15A91A1242	RT4105B	HADOOP AND BIG DATA	21	36	3
15A91A1242	RT4112L	UML AND DESIGN PATTERNS LAB	21	44	2
15A91A1242	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	41	2
15A91A1242	RT4112N	SOFTWARE ENGINEERING LAB	21	39	2
15A91A1242	RT41120	HADOOP AND BIGDATA LAB	22	38	2
15A91A1243	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	31	3
15A91A1243	RT41052	UML AND DESIGN PATTERNS	22	29	3
15A91A1243	RT41053	MOBILE COMPUTING	17	15	0
15A91A1243	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	33	3
15A91A1243	RT4105B	HADOOP AND BIG DATA	22	33	3
15A91A1243	RT4112L	UML AND DESIGN PATTERNS LAB	21	45	2
15A91A1243	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	19	45	2

15A91A1243 RT4112N SOFTWARE ENGINEERING LAB 21 43 15A91A1243 RT4112O HADOOP AND BIGDATA LAB 20 42 15A91A1244 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 15A91A1244 RT41052 UML AND DESIGN PATTERNS 26 26 15A91A1244 RT41053 MOBILE COMPUTING 29 29 15A91A1244 RT41056 INFORMATION RETRIEVAL SYSTEMS 27 38 15A91A1244 RT4105B HADOOP AND BIG DATA 28 51 15A91A1244 RT4112L UML AND DESIGN PATTERNS LAB 22 46 15A91A1244 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 43 15A91A1244 RT4112N SOFTWARE ENGINEERING LAB 22 45 15A91A1244 RT4112O HADOOP AND BIGDATA LAB 22 45 15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 </th <th>2 2 3 3 3 3 2 2 2 2 2 3 3 3 3 3 3 2</th>	2 2 3 3 3 3 2 2 2 2 2 3 3 3 3 3 3 2
15A91A1243 RT4112O HADOOP AND BIGDATA LAB 20 42 15A91A1244 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 15A91A1244 RT41052 UML AND DESIGN PATTERNS 26 26 15A91A1244 RT41053 MOBILE COMPUTING 29 29 15A91A1244 RT41056 INFORMATION RETRIEVAL SYSTEMS 27 38 15A91A1244 RT4105B HADOOP AND BIG DATA 28 51 15A91A1244 RT4112L UML AND DESIGN PATTERNS LAB 22 46 15A91A1244 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 43 15A91A1244 RT4112N SOFTWARE ENGINEERING LAB 22 45 15A91A1244 RT4112O HADOOP AND BIGDATA LAB 22 42 15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50	3 3 3 3 2 2 2 2 2 3 3 3 3 3
15A91A1244 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 22 33 15A91A1244 RT41052 UML AND DESIGN PATTERNS 26 26 15A91A1244 RT41053 MOBILE COMPUTING 29 29 15A91A1244 RT41056 INFORMATION RETRIEVAL SYSTEMS 27 38 15A91A1244 RT4105B HADOOP AND BIG DATA 28 51 15A91A1244 RT4112L UML AND DESIGN PATTERNS LAB 22 46 15A91A1244 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 43 15A91A1244 RT4112N SOFTWARE ENGINEERING LAB 22 45 15A91A1244 RT4112O HADOOP AND BIGDATA LAB 22 42 15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50	3 3 3 2 2 2 2 2 3 3 3 3 3
15A91A1244 RT41053 MOBILE COMPUTING 29 29 15A91A1244 RT41056 INFORMATION RETRIEVAL SYSTEMS 27 38 15A91A1244 RT4105B HADOOP AND BIG DATA 28 51 15A91A1244 RT4112L UML AND DESIGN PATTERNS LAB 22 46 15A91A1244 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 43 15A91A1244 RT4112N SOFTWARE ENGINEERING LAB 22 45 15A91A1244 RT4112O HADOOP AND BIGDATA LAB 22 42 15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41053 MOBILE COMPUTING 26 52 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	3 3 2 2 2 2 3 3 3 3 3
15A91A1244 RT41056 INFORMATION RETRIEVAL SYSTEMS 27 38 15A91A1244 RT4105B HADOOP AND BIG DATA 28 51 15A91A1244 RT4112L UML AND DESIGN PATTERNS LAB 22 46 15A91A1244 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 43 15A91A1244 RT4112N SOFTWARE ENGINEERING LAB 22 45 15A91A1244 RT4112O HADOOP AND BIGDATA LAB 22 42 15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41053 MOBILE COMPUTING 26 52 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	3 3 2 2 2 2 2 3 3 3 3 3
15A91A1244 RT4105B HADOOP AND BIG DATA 28 51 15A91A1244 RT4112L UML AND DESIGN PATTERNS LAB 22 46 15A91A1244 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 43 15A91A1244 RT4112N SOFTWARE ENGINEERING LAB 22 45 15A91A1244 RT4112O HADOOP AND BIGDATA LAB 22 42 15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41053 MOBILE COMPUTING 26 52 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	3 2 2 2 2 3 3 3 3 3
15A91A1244 RT4112L UML AND DESIGN PATTERNS LAB 22 46 15A91A1244 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 43 15A91A1244 RT4112N SOFTWARE ENGINEERING LAB 22 45 15A91A1244 RT4112O HADOOP AND BIGDATA LAB 22 42 15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41053 MOBILE COMPUTING 26 52 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	2 2 2 2 3 3 3 3 3 2
15A91A1244 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 43 15A91A1244 RT4112N SOFTWARE ENGINEERING LAB 22 45 15A91A1244 RT4112O HADOOP AND BIGDATA LAB 22 42 15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41053 MOBILE COMPUTING 26 52 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	2 2 3 3 3 3 3
15A91A1244 RT4112N SOFTWARE ENGINEERING LAB 22 45 15A91A1244 RT4112O HADOOP AND BIGDATA LAB 22 42 15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41053 MOBILE COMPUTING 26 52 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	2 2 3 3 3 3 3 2
15A91A1244 RT4112O HADOOP AND BIGDATA LAB 22 42 15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41053 MOBILE COMPUTING 26 52 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	2 3 3 3 3 3 2
15A91A1245 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 29 45 15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41053 MOBILE COMPUTING 26 52 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	3 3 3 3 3 2
15A91A1245 RT41052 UML AND DESIGN PATTERNS 24 47 15A91A1245 RT41053 MOBILE COMPUTING 26 52 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	3 3 3 3 2
15A91A1245 RT41053 MOBILE COMPUTING 26 52 15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	3 3 3 2
15A91A1245 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 40 15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	3 3 2
15A91A1245 RT4105B HADOOP AND BIG DATA 29 50 15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	3 2
15A91A1245 RT4112L UML AND DESIGN PATTERNS LAB 25 50	2
15A91A1245 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 23 47	2
15A91A1245 RT4112N SOFTWARE ENGINEERING LAB 24 48	2
15A91A1245 RT4112O HADOOP AND BIGDATA LAB 24 49	2
15A91A1246 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 23 39	3
15A91A1246 RT41052 UML AND DESIGN PATTERNS 24 42	3
15A91A1246 RT41053 MOBILE COMPUTING 29 44	3
15A91A1246 RT41056 INFORMATION RETRIEVAL SYSTEMS 28 58	3
15A91A1246 RT4105B HADOOP AND BIG DATA 28 50	3
15A91A1246 RT4112L UML AND DESIGN PATTERNS LAB 24 48	2
15A91A1246 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 22 49	2
15A91A1246 RT4112N SOFTWARE ENGINEERING LAB 23 49	2
15A91A1246 RT4112O HADOOP AND BIGDATA LAB 24 49	2
15A91A1247 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 47	3
15A91A1247 RT41052 UML AND DESIGN PATTERNS 24 52	3
15A91A1247 RT41053 MOBILE COMPUTING 25 65	3
15A91A1247 RT41056 INFORMATION RETRIEVAL SYSTEMS 30 45	3
15A91A1247 RT4105B HADOOP AND BIG DATA 28 61	3
15A91A1247 RT4112L UML AND DESIGN PATTERNS LAB 23 47	2
15A91A1247 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 24 49	2
15A91A1247 RT4112N SOFTWARE ENGINEERING LAB 25 49	2
15A91A1247 RT4112O HADOOP AND BIGDATA LAB 25 50	2
15A91A1248 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 21 28	3
15A91A1248 RT41052 UML AND DESIGN PATTERNS 20 25	3
15A91A1248 RT41053 MOBILE COMPUTING 20 33	3
15A91A1248 RT41056 INFORMATION RETRIEVAL SYSTEMS 17 26	3
15A91A1248 RT4105B HADOOP AND BIG DATA 27 27	3
15A91A1248 RT4112L UML AND DESIGN PATTERNS LAB 20 44	2
15A91A1248 RT4112M MOBILE APPLICATION DEVELOPMENT LAB 20 47	2
15A91A1248 RT4112N SOFTWARE ENGINEERING LAB 22 41	2
15A91A1248 RT4112O HADOOP AND BIGDATA LAB 21 42	2
15A91A1249 RT41051 CRYPTOGRAPHY AND NETWORK SECURITY 24 41	3
15A91A1249 RT41052 UML AND DESIGN PATTERNS 17 29	3
15A91A1249 RT41053 MOBILE COMPUTING 20 36	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A1249	RT41056	INFORMATION RETRIEVAL SYSTEMS	16	34	3
15A91A1249	RT4105B	HADOOP AND BIG DATA	22	48	3
15A91A1249	RT4112L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A1249	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15A91A1249	RT4112N	SOFTWARE ENGINEERING LAB	22	48	2
15A91A1249	RT4112O	HADOOP AND BIGDATA LAB	23	44	2
15A91A1250	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	37	3
15A91A1250	RT41052	UML AND DESIGN PATTERNS	22	33	3
15A91A1250	RT41053	MOBILE COMPUTING	25	43	3
15A91A1250	RT41056	INFORMATION RETRIEVAL SYSTEMS	18	26	3
15A91A1250	RT4105B	HADOOP AND BIG DATA	23	53	3
15A91A1250	RT4112L	UML AND DESIGN PATTERNS LAB	20	45	2
15A91A1250	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A91A1250	RT4112N	SOFTWARE ENGINEERING LAB	24	47	2
15A91A1250	RT4112O	HADOOP AND BIGDATA LAB	23	48	2
15A91A1251	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	32	3
15A91A1251	RT41052	UML AND DESIGN PATTERNS	22	35	3
15A91A1251	RT41053	MOBILE COMPUTING	28	45	3
15A91A1251	RT41056	INFORMATION RETRIEVAL SYSTEMS	29	41	3
15A91A1251	RT4105B	HADOOP AND BIG DATA	26	35	3
15A91A1251	RT4112L	UML AND DESIGN PATTERNS LAB	23	46	2
15A91A1251	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
15A91A1251	RT4112N	SOFTWARE ENGINEERING LAB	24	48	2
15A91A1251	RT4112O	HADOOP AND BIGDATA LAB	23	48	2
15A91A1252	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	31	3
15A91A1252	RT41052	UML AND DESIGN PATTERNS	18	29	3
15A91A1252	RT41053	MOBILE COMPUTING	29	40	3
15A91A1252	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	32	3
15A91A1252	RT4105B	HADOOP AND BIG DATA	26	45	3
15A91A1252	RT4112L	UML AND DESIGN PATTERNS LAB	23	47	2
15A91A1252	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A91A1252	RT4112N	SOFTWARE ENGINEERING LAB	23	47	2
15A91A1252	RT4112O	HADOOP AND BIGDATA LAB	22	49	2
15A91A1253	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	48	3
15A91A1253	RT41052	UML AND DESIGN PATTERNS	19	29	3
15A91A1253	RT41053	MOBILE COMPUTING	24	31	3
15A91A1253	RT41056	INFORMATION RETRIEVAL SYSTEMS	20	27	3
15A91A1253	RT4105B	HADOOP AND BIG DATA	22	48	3
15A91A1253	RT4112L	UML AND DESIGN PATTERNS LAB	21	45	2
15A91A1253	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15A91A1253	RT4112N	SOFTWARE ENGINEERING LAB	23	41	2
15A91A1253	RT4112O	HADOOP AND BIGDATA LAB	22	42	2
15A91A1254	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	24	3
15A91A1254	RT41052	UML AND DESIGN PATTERNS	22	30	3
15A91A1254	RT41053	MOBILE COMPUTING	24	24	3
15A91A1254	RT41056	INFORMATION RETRIEVAL SYSTEMS	16	34	3
15A91A1254	RT4105B	HADOOP AND BIG DATA	19	47	3
15A91A1254	RT4112L	UML AND DESIGN PATTERNS LAB	17	36	2
15A91A1254	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	17	30	2
15A91A1254	RT4112N	SOFTWARE ENGINEERING LAB	18	34	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A1254	RT4112O	HADOOP AND BIGDATA LAB	19	33	2
15A91A1255	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	8	0
15A91A1255	RT41052	UML AND DESIGN PATTERNS	16	9	0
15A91A1255	RT41053	MOBILE COMPUTING	18	15	0
15A91A1255	RT41056	INFORMATION RETRIEVAL SYSTEMS	19	25	3
15A91A1255	RT4105B	HADOOP AND BIG DATA	21	7	0
15A91A1255	RT4112L	UML AND DESIGN PATTERNS LAB	16	34	2
15A91A1255	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	16	31	2
15A91A1255	RT4112N	SOFTWARE ENGINEERING LAB	18	34	2
15A91A1255	RT41120	HADOOP AND BIGDATA LAB	18	33	2
15A91A1256	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	30	3
15A91A1256	RT41052	UML AND DESIGN PATTERNS	21	25	3
15A91A1256	RT41053	MOBILE COMPUTING	21	39	3
15A91A1256	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	27	3
15A91A1256	RT4105B	HADOOP AND BIG DATA	18	32	3
15A91A1256	RT4112L	UML AND DESIGN PATTERNS LAB	22	48	2
15A91A1256	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	49	2
15A91A1256	RT4112N	SOFTWARE ENGINEERING LAB	23	47	2
15A91A1256	RT4112O	HADOOP AND BIGDATA LAB	23	47	2
15A91A1258	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	30	3
15A91A1258	RT41052	UML AND DESIGN PATTERNS	22	35	3
15A91A1258	RT41053	MOBILE COMPUTING	26	32	3
15A91A1258	RT41056	INFORMATION RETRIEVAL SYSTEMS	19	34	3
15A91A1258	RT4105B	HADOOP AND BIG DATA	25	39	3
15A91A1258	RT4112L	UML AND DESIGN PATTERNS LAB	21	45	2
15A91A1258	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	39	2
15A91A1258	RT4112N	SOFTWARE ENGINEERING LAB	21	44	2
15A91A1258	RT41120	HADOOP AND BIGDATA LAB	20	41	2
15A91A1261	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	35	3
15A91A1261	RT41052	UML AND DESIGN PATTERNS	25	28	3
15A91A1261	RT41053	MOBILE COMPUTING	23	26	3
15A91A1261	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	29	3
15A91A1261	RT4105B	HADOOP AND BIG DATA	24	58	3
15A91A1261	RT4112L	UML AND DESIGN PATTERNS LAB	22	50	2
15A91A1261	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
15A91A1261	RT4112N	SOFTWARE ENGINEERING LAB	24	49	2
15A91A1261	RT41120	HADOOP AND BIGDATA LAB	24	48	2
15A91A2601	RT41261	MINE ECONOMICS	22	33	3
15A91A2601	RT41262	COMPUTER APPLICATIONS IN MINING	21	37	3
15A91A2601	RT41263	ROCK MECHANICS AND GROUND CONTROL	26	49	3
15A91A2601	RT41264	MINE LEGISLATION AND GENERAL SAFETY	16	43	3
15A91A2601	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	23	34	3
15A91A2601	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	22	24	3
15A91A2601	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	23	45	2
15A91A2601	RT4126M	ROCK MECHANICS LAB	23	42	2
15A91A2603	RT41261	MINE ECONOMICS	19	14	0
15A91A2603	RT41262	COMPUTER APPLICATIONS IN MINING	25	24	3
15A91A2603	RT41263	ROCK MECHANICS AND GROUND CONTROL	17	40	3
15A91A2603	RT41264	MINE LEGISLATION AND GENERAL SAFETY	19	40	3
15A91A2603	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	19	28	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A2603	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	5	2	0
15A91A2603	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	20	44	2
15A91A2603	RT4126M	ROCK MECHANICS LAB	20	39	2
15A91A2604	RT41261	MINE ECONOMICS	16	14	0
15A91A2604	RT41262	COMPUTER APPLICATIONS IN MINING	5	21	0
15A91A2604	RT41263	ROCK MECHANICS AND GROUND CONTROL	18	32	3
15A91A2604	RT41264	MINE LEGISLATION AND GENERAL SAFETY	19	40	3
15A91A2604	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	22	28	3
15A91A2604	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	21	6	0
15A91A2604	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	20	38	2
15A91A2604	RT4126M	ROCK MECHANICS LAB	19	40	2
15A91A2605	RT41261	MINE ECONOMICS	23	38	3
15A91A2605	RT41262	COMPUTER APPLICATIONS IN MINING	23	35	3
15A91A2605	RT41263	ROCK MECHANICS AND GROUND CONTROL	17	44	3
15A91A2605	RT41264	MINE LEGISLATION AND GENERAL SAFETY	21	38	3
15A91A2605	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	24	32	3
15A91A2605	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	22	27	3
15A91A2605	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	23	44	2
15A91A2605	RT4126M	ROCK MECHANICS LAB	23	41	2
15A91A2607	RT41261	MINE ECONOMICS	24	31	3
15A91A2607	RT41262	COMPUTER APPLICATIONS IN MINING	27	45	3
15A91A2607	RT41263	ROCK MECHANICS AND GROUND CONTROL	22	42	3
15A91A2607	RT41264	MINE LEGISLATION AND GENERAL SAFETY	22	48	3
15A91A2607	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	26	37	3
15A91A2607	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	23	31	3
15A91A2607	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	22	45	2
15A91A2607	RT4126M	ROCK MECHANICS LAB	22	46	2
15A91A2608	RT41261	MINE ECONOMICS	25	41	3
15A91A2608	RT41262	COMPUTER APPLICATIONS IN MINING	23	38	3
15A91A2608	RT41263	ROCK MECHANICS AND GROUND CONTROL	26	58	3
15A91A2608	RT41264	MINE LEGISLATION AND GENERAL SAFETY	21	36	3
15A91A2608	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	25	34	3
15A91A2608	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	24	24	3
15A91A2608	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	25	50	2
15A91A2608	RT4126M	ROCK MECHANICS LAB	25	50	2
15A91A2609	RT41261	MINE ECONOMICS	23	38	3
15A91A2609	RT41262	COMPUTER APPLICATIONS IN MINING	19	47	3
15A91A2609	RT41263	ROCK MECHANICS AND GROUND CONTROL	26	62	3
15A91A2609	RT41264	MINE LEGISLATION AND GENERAL SAFETY	22	32	3
15A91A2609	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	20	41	3
15A91A2609	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	21	27	3
15A91A2609	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	15	35	2
15A91A2609	RT4126M	ROCK MECHANICS LAB	25	47	2
15A91A2610	RT41261	MINE ECONOMICS	21	44	3
15A91A2610	RT41262	COMPUTER APPLICATIONS IN MINING	24	39	3
15A91A2610	RT41263	ROCK MECHANICS AND GROUND CONTROL	23	40	3
15A91A2610	RT41264	MINE LEGISLATION AND GENERAL SAFETY	21	42	3
15A91A2610	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	24	24	3
15A91A2610	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	19	30	3
15A91A2610	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	18	38	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A2610	RT4126M	ROCK MECHANICS LAB	18	41	2
15A91A2611	RT41261	MINE ECONOMICS	23	26	3
15A91A2611	RT41262	COMPUTER APPLICATIONS IN MINING	26	26	3
15A91A2611	RT41263	ROCK MECHANICS AND GROUND CONTROL	23	40	3
15A91A2611	RT41264	MINE LEGISLATION AND GENERAL SAFETY	21	34	3
15A91A2611	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	26	34	3
15A91A2611	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	20	27	3
15A91A2611	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	15	36	2
15A91A2611	RT4126M	ROCK MECHANICS LAB	18	40	2
15A91A2612	RT41261	MINE ECONOMICS	21	46	3
15A91A2612	RT41262	COMPUTER APPLICATIONS IN MINING	24	55	3
15A91A2612	RT41263	ROCK MECHANICS AND GROUND CONTROL	24	66	3
15A91A2612	RT41264	MINE LEGISLATION AND GENERAL SAFETY	21	42	3
15A91A2612	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	23	36	3
15A91A2612	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	23	39	3
15A91A2612	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	25	49	2
15A91A2612	RT4126M	ROCK MECHANICS LAB	25	49	2
15A91A2613	RT41261	MINE ECONOMICS	19	35	3
15A91A2613	RT41262	COMPUTER APPLICATIONS IN MINING	21	30	3
15A91A2613	RT41263	ROCK MECHANICS AND GROUND CONTROL	20	62	3
15A91A2613	RT41264	MINE LEGISLATION AND GENERAL SAFETY	24	48	3
15A91A2613	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	26	36	3
15A91A2613	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	20	28	3
15A91A2613	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	19	39	2
15A91A2613	RT4126M	ROCK MECHANICS LAB	18	36	2
15A91A2614	RT41261	MINE ECONOMICS	18	25	3
15A91A2614	RT41262	COMPUTER APPLICATIONS IN MINING	19	26	3
15A91A2614	RT41263	ROCK MECHANICS AND GROUND CONTROL	14	10	0
15A91A2614	RT41264	MINE LEGISLATION AND GENERAL SAFETY	18	29	3
15A91A2614	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	18	24	3
15A91A2614	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	18	29	3
15A91A2614	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	20	38	2
15A91A2614	RT4126M	ROCK MECHANICS LAB	20	39	2
15A91A2616	RT41261	MINE ECONOMICS	19	41	3
15A91A2616	RT41262	COMPUTER APPLICATIONS IN MINING	20	44	3
15A91A2616	RT41263	ROCK MECHANICS AND GROUND CONTROL	20	58	3
15A91A2616	RT41264	MINE LEGISLATION AND GENERAL SAFETY	22	48	3
15A91A2616	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	23	34	3
15A91A2616	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	18	30	3
15A91A2616	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	21	44	2
15A91A2616	RT4126M	ROCK MECHANICS LAB	20	44	2
15A91A2617	RT41261	MINE ECONOMICS	20	28	3
15A91A2617	RT41262	COMPUTER APPLICATIONS IN MINING	18	28	3
15A91A2617	RT41263	ROCK MECHANICS AND GROUND CONTROL	22	49	3
15A91A2617	RT41264	MINE LEGISLATION AND GENERAL SAFETY	19	40	3
15A91A2617	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	25	24	3
15A91A2617	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	23	30	3
15A91A2617	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	23	43	2
15A91A2617	RT4126M	ROCK MECHANICS LAB	25	49	2
15A91A2618	RT41261	MINE ECONOMICS	21	46	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A2618	RT41262	COMPUTER APPLICATIONS IN MINING	22	45	3
15A91A2618	RT41263	ROCK MECHANICS AND GROUND CONTROL	24	40	3
15A91A2618	RT41264	MINE LEGISLATION AND GENERAL SAFETY	23	42	3
15A91A2618	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	22	31	3
15A91A2618	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	23	36	3
15A91A2618	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	24	46	2
15A91A2618	RT4126M	ROCK MECHANICS LAB	22	41	2
15A91A2619	RT41261	MINE ECONOMICS	21	40	3
15A91A2619	RT41262	COMPUTER APPLICATIONS IN MINING	19	42	3
15A91A2619	RT41263	ROCK MECHANICS AND GROUND CONTROL	24	58	3
15A91A2619	RT41264	MINE LEGISLATION AND GENERAL SAFETY	24	48	3
15A91A2619	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	24	34	3
15A91A2619	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	21	38	3
15A91A2619	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	18	40	2
15A91A2619	RT4126M	ROCK MECHANICS LAB	25	49	2
15A91A2620	RT41261	MINE ECONOMICS	24	24	3
15A91A2620	RT41262	COMPUTER APPLICATIONS IN MINING	18	25	3
15A91A2620	RT41263	ROCK MECHANICS AND GROUND CONTROL	21	44	3
15A91A2620	RT41264	MINE LEGISLATION AND GENERAL SAFETY	17	47	3
15A91A2620	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	21	25	3
15A91A2620	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	21	24	3
15A91A2620	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	13	34	2
15A91A2620	RT4126M	ROCK MECHANICS LAB	21	44	2
15A91A2621	RT41261	MINE ECONOMICS	21	47	3
15A91A2621	RT41262	COMPUTER APPLICATIONS IN MINING	16	39	3
15A91A2621	RT41263	ROCK MECHANICS AND GROUND CONTROL	17	58	3
15A91A2621	RT41264	MINE LEGISLATION AND GENERAL SAFETY	18	36	3
15A91A2621	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	24	25	3
15A91A2621	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	14	36	3
15A91A2621	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	13	25	2
15A91A2621	RT4126M	ROCK MECHANICS LAB	19	42	2
15A91A2623	RT41261	MINE ECONOMICS	22	37	3
15A91A2623	RT41262	COMPUTER APPLICATIONS IN MINING	25	45	3
15A91A2623	RT41263	ROCK MECHANICS AND GROUND CONTROL	24	54	3
15A91A2623	RT41264	MINE LEGISLATION AND GENERAL SAFETY	20	42	3
15A91A2623	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	22	36	3
15A91A2623	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	21	34	3
15A91A2623	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	24	49	2
15A91A2623	RT4126M	ROCK MECHANICS LAB	24	43	2
15A91A2624	RT41261	MINE ECONOMICS	24	51	3
15A91A2624	RT41262	COMPUTER APPLICATIONS IN MINING	27	46	3
15A91A2624	RT41263	ROCK MECHANICS AND GROUND CONTROL	24	66	3
15A91A2624	RT41264	MINE LEGISLATION AND GENERAL SAFETY	20	42	3
15A91A2624	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	25	54	3
15A91A2624	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	26	32	3
15A91A2624	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	24	49	2
15A91A2624	RT4126M	ROCK MECHANICS LAB	25	41	2
15A91A2626	RT41261	MINE ECONOMICS	18	38	3
15A91A2626	RT41262	COMPUTER APPLICATIONS IN MINING	16	42	3
15A91A2626	RT41263	ROCK MECHANICS AND GROUND CONTROL	15	54	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A2626	RT41264	MINE LEGISLATION AND GENERAL SAFETY	20	32	3
15A91A2626	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	19	46	3
15A91A2626	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	20	35	3
15A91A2626	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	12	27	2
15A91A2626	RT4126M	ROCK MECHANICS LAB	5	41	2
15A91A2627	RT41261	MINE ECONOMICS	21	45	3
15A91A2627	RT41262	COMPUTER APPLICATIONS IN MINING	20	44	3
15A91A2627	RT41263	ROCK MECHANICS AND GROUND CONTROL	24	48	3
15A91A2627	RT41264	MINE LEGISLATION AND GENERAL SAFETY	21	42	3
15A91A2627	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	20	35	3
15A91A2627	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	19	43	3
15A91A2627	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	19	35	2
15A91A2627	RT4126M	ROCK MECHANICS LAB	22	42	2
15A91A2628	RT41261	MINE ECONOMICS	20	28	3
15A91A2628	RT41262	COMPUTER APPLICATIONS IN MINING	19	29	3
15A91A2628	RT41263	ROCK MECHANICS AND GROUND CONTROL	20	42	3
15A91A2628	RT41264	MINE LEGISLATION AND GENERAL SAFETY	19	34	3
15A91A2628	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	20	28	3
15A91A2628	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	17	25	3
15A91A2628	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	25	46	2
15A91A2628	RT4126M	ROCK MECHANICS LAB	21	42	2
15A91A2629	RT41261	MINE ECONOMICS	19	26	3
15A91A2629	RT41262	COMPUTER APPLICATIONS IN MINING	18	35	3
15A91A2629	RT41263	ROCK MECHANICS AND GROUND CONTROL	15	47	3
15A91A2629	RT41264	MINE LEGISLATION AND GENERAL SAFETY	19	48	3
15A91A2629	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	20	33	3
15A91A2629	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	5	24	0
15A91A2629	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	13	28	2
15A91A2629	RT4126M	ROCK MECHANICS LAB	17	42	2
15A91A2631	RT41261	MINE ECONOMICS	19	50	3
15A91A2631	RT41262	COMPUTER APPLICATIONS IN MINING	22	41	3
15A91A2631	RT41263	ROCK MECHANICS AND GROUND CONTROL	15	39	3
15A91A2631	RT41264	MINE LEGISLATION AND GENERAL SAFETY	20	40	3
15A91A2631	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	24	37	3
15A91A2631	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	23	12	0
15A91A2631	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	20	42	2
15A91A2631	RT4126M	ROCK MECHANICS LAB	21	43	2
15A91A2701	RT41016F	GREEN TECHNOLOGIES	23	43	3
15A91A2701	RT41271	INTEGRATED ASSET MANAGEMENT	23	40	3
15A91A2701	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	25	47	3
15A91A2701	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	26	43	3
15A91A2701	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	23	41	3
15A91A2701	RT41279	COAL BED METHANE ENGINEERING	24	34	3
15A91A2701	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	49	2
15A91A2701	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	23	48	2
15A91A2701	RT4127N	PRESENTATION OF SIP REPORT	23	46	2
15A91A2702	RT41016F	GREEN TECHNOLOGIES	19	45	3
15A91A2702	RT41271	INTEGRATED ASSET MANAGEMENT	22	41	3
15A91A2702	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	21	47	3
15A91A2702	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	18	64	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A2702	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	18	45	3
15A91A2702	RT41279	COAL BED METHANE ENGINEERING	22	44	3
15A91A2702	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	42	2
15A91A2702	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	22	43	2
15A91A2702	RT4127N	PRESENTATION OF SIP REPORT	23	45	2
15A91A2703	RT41016F	GREEN TECHNOLOGIES	18	42	3
15A91A2703	RT41271	INTEGRATED ASSET MANAGEMENT	20	43	3
15A91A2703	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	18	24	3
15A91A2703	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	18	48	3
15A91A2703	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	16	41	3
15A91A2703	RT41279	COAL BED METHANE ENGINEERING	18	26	3
15A91A2703	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	44	2
15A91A2703	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	12	43	2
15A91A2703	RT4127N	PRESENTATION OF SIP REPORT	22	43	2
15A91A2704	RT41016F	GREEN TECHNOLOGIES	22	41	3
15A91A2704	RT41271	INTEGRATED ASSET MANAGEMENT	22	54	3
15A91A2704	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	20	39	3
15A91A2704	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	21	38	3
15A91A2704	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	21	40	3
15A91A2704	RT41279	COAL BED METHANE ENGINEERING	25	30	3
15A91A2704	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	23	43	2
15A91A2704	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	23	45	2
15A91A2704	RT4127N	PRESENTATION OF SIP REPORT	22	44	2
15A91A2705	RT41016F	GREEN TECHNOLOGIES	24	47	3
15A91A2705	RT41271	INTEGRATED ASSET MANAGEMENT	18	44	3
15A91A2705	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	18	42	3
15A91A2705	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	17	47	3
15A91A2705	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	17	38	3
15A91A2705	RT41279	COAL BED METHANE ENGINEERING	15	31	3
15A91A2705	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	19	48	2
15A91A2705	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	19	47	2
15A91A2705	RT4127N	PRESENTATION OF SIP REPORT	23	45	2
15A91A2706	RT41016F	GREEN TECHNOLOGIES	24	35	3
15A91A2706	RT41271	INTEGRATED ASSET MANAGEMENT	22	45	3
15A91A2706	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	13	44	3
15A91A2706	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	17	42	3
15A91A2706	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	18	26	3
15A91A2706	RT41279	COAL BED METHANE ENGINEERING	19	29	3
15A91A2706	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	19	44	2
15A91A2706	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	19	43	2
15A91A2706	RT4127N	PRESENTATION OF SIP REPORT	22	44	2
15A91A2707	RT41016F	GREEN TECHNOLOGIES	23	39	3
15A91A2707	RT41271	INTEGRATED ASSET MANAGEMENT	21	36	3
15A91A2707	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	22	38	3
15A91A2707	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	16	50	3
15A91A2707	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	21	10	0
15A91A2707	RT41279	COAL BED METHANE ENGINEERING	18	30	3
15A91A2707	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	20	42	2
15A91A2707	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	21	43	2
15A91A2707	RT4127N	PRESENTATION OF SIP REPORT	21	43	2

15A91A2708 R ⁻¹ 15A91A2708 R ⁻¹ 15A91A2708 R ⁻¹	RT41016F RT41271	GREEN TECHNOLOGIES			
15A91A2708 R ⁻¹ 15A91A2708 R ⁻¹	T41271		22	39	3
15A91A2708 R		INTEGRATED ASSET MANAGEMENT	19	39	3
	T41272	ENHANCED OIL RECOVERY TECHNIQUES	22	26	3
	T41273	HSE AND FE IN PETROLEUM INDUSTRY	21	33	3
15A91A2708 R	T41274	PETROLEUM RESERVOIR ENGINEERING-II	16	28	3
15A91A2708 R	T41279	COAL BED METHANE ENGINEERING	17	24	3
15A91A2708 R	T4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	19	44	2
15A91A2708 R	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	19	43	2
15A91A2708 R	T4127N	PRESENTATION OF SIP REPORT	23	45	2
15A91A2709 R	T41016F	GREEN TECHNOLOGIES	22	26	3
15A91A2709 R	T41271	INTEGRATED ASSET MANAGEMENT	18	40	3
15A91A2709 R	T41272	ENHANCED OIL RECOVERY TECHNIQUES	20	25	3
15A91A2709 R	T41273	HSE AND FE IN PETROLEUM INDUSTRY	20	35	3
15A91A2709 R	T41274	PETROLEUM RESERVOIR ENGINEERING-II	15	26	3
15A91A2709 R	T41279	COAL BED METHANE ENGINEERING	15	25	3
15A91A2709 R	T4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	14	39	2
15A91A2709 R	T4127M	PETROLEUM RESERVOIR ENGINEERING LAB	12	39	2
15A91A2709 R	T4127N	PRESENTATION OF SIP REPORT	23	43	2
15A91A2710 R	T41016F	GREEN TECHNOLOGIES	22	27	3
15A91A2710 R	T41271	INTEGRATED ASSET MANAGEMENT	23	33	3
15A91A2710 R	T41272	ENHANCED OIL RECOVERY TECHNIQUES	15	17	0
15A91A2710 R	T41273	HSE AND FE IN PETROLEUM INDUSTRY	21	16	0
15A91A2710 R	T41274	PETROLEUM RESERVOIR ENGINEERING-II	18	8	0
15A91A2710 R	T41279	COAL BED METHANE ENGINEERING	16	11	0
15A91A2710 R	T4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	18	35	2
15A91A2710 R	T4127M	PETROLEUM RESERVOIR ENGINEERING LAB	18	34	2
15A91A2710 R	T4127N	PRESENTATION OF SIP REPORT	16	33	2
15A91A2711 R	T41016F	GREEN TECHNOLOGIES	21	36	3
15A91A2711 R	T41271	INTEGRATED ASSET MANAGEMENT	24	47	3
15A91A2711 R	T41272	ENHANCED OIL RECOVERY TECHNIQUES	23	41	3
15A91A2711 R	T41273	HSE AND FE IN PETROLEUM INDUSTRY	20	47	3
15A91A2711 R	T41274	PETROLEUM RESERVOIR ENGINEERING-II	19	30	3
15A91A2711 R	T41279	COAL BED METHANE ENGINEERING	18	33	3
15A91A2711 R	T4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	49	2
15A91A2711 R	T4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	49	2
15A91A2711 R	RT4127N	PRESENTATION OF SIP REPORT	23	45	2
15A91A2714 R	T41016F	GREEN TECHNOLOGIES	19	29	3
15A91A2714 R	T41271	INTEGRATED ASSET MANAGEMENT	24	28	3
15A91A2714 R	T41272	ENHANCED OIL RECOVERY TECHNIQUES	15	25	3
15A91A2714 R	T41273	HSE AND FE IN PETROLEUM INDUSTRY	20	38	3
15A91A2714 R	T41274	PETROLEUM RESERVOIR ENGINEERING-II	20	15	0
15A91A2714 R	T41279	COAL BED METHANE ENGINEERING	16	34	3
15A91A2714 R	T4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	14	35	2
15A91A2714 R	T4127M	PETROLEUM RESERVOIR ENGINEERING LAB	18	34	2
15A91A2714 R	T4127N	PRESENTATION OF SIP REPORT	23	45	2
15A91A2715 R	T41016F	GREEN TECHNOLOGIES	28	49	3
15A91A2715 R	T41271	INTEGRATED ASSET MANAGEMENT	26	41	3
15A91A2715 R	T41272	ENHANCED OIL RECOVERY TECHNIQUES	23	47	3
15A91A2715 R	T41273	HSE AND FE IN PETROLEUM INDUSTRY	25	43	3
15A91A2715 R	T41274	PETROLEUM RESERVOIR ENGINEERING-II	23	45	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A2715	RT41279	COAL BED METHANE ENGINEERING	25	43	3
15A91A2715	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	25	49	2
15A91A2715	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	49	2
15A91A2715	RT4127N	PRESENTATION OF SIP REPORT	24	48	2
15A91A2716	RT41016F	GREEN TECHNOLOGIES	25	41	3
15A91A2716	RT41271	INTEGRATED ASSET MANAGEMENT	25	40	3
15A91A2716	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	25	45	3
15A91A2716	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	26	32	3
15A91A2716	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	21	43	3
15A91A2716	RT41279	COAL BED METHANE ENGINEERING	28	35	3
15A91A2716	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	49	2
15A91A2716	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	49	2
15A91A2716	RT4127N	PRESENTATION OF SIP REPORT	24	48	2
15A91A2717	RT41016F	GREEN TECHNOLOGIES	26	55	3
15A91A2717	RT41271	INTEGRATED ASSET MANAGEMENT	27	44	3
15A91A2717	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	24	46	3
15A91A2717	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	24	39	3
15A91A2717	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	23	45	3
15A91A2717	RT41279	COAL BED METHANE ENGINEERING	24	46	3
15A91A2717	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	48	2
15A91A2717	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	48	2
15A91A2717	RT4127N	PRESENTATION OF SIP REPORT	24	48	2
15A91A2718	RT41016F	GREEN TECHNOLOGIES	21	51	3
15A91A2718	RT41271	INTEGRATED ASSET MANAGEMENT	23	43	3
15A91A2718	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	21	49	3
15A91A2718	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	22	52	3
15A91A2718	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	20	44	3
15A91A2718	RT41279	COAL BED METHANE ENGINEERING	23	45	3
15A91A2718	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	23	48	2
15A91A2718	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	23	47	2
15A91A2718	RT4127N	PRESENTATION OF SIP REPORT	22	44	2
15A91A2719	RT41016F	GREEN TECHNOLOGIES	24	39	3
15A91A2719	RT41271	INTEGRATED ASSET MANAGEMENT	22	39	3
15A91A2719	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	14	44	3
15A91A2719	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	17	40	3
15A91A2719	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	16	38	3
15A91A2719	RT41279	COAL BED METHANE ENGINEERING	15	34	3
15A91A2719	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	43	2
15A91A2719	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	19	44	2
15A91A2719	RT4127N	PRESENTATION OF SIP REPORT	23	46	2
15A91A2720	RT41016F	GREEN TECHNOLOGIES	25	51	3
15A91A2720	RT41271	INTEGRATED ASSET MANAGEMENT	25	43	3
15A91A2720	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	25	53	3
15A91A2720	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	27	48	3
15A91A2720	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	23	45	3
15A91A2720	RT41279	COAL BED METHANE ENGINEERING	24	47	3
15A91A2720	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	25	50	2
15A91A2720	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	25	50	2
15A91A2720	RT4127N	PRESENTATION OF SIP REPORT	24	48	2
15A91A2721	RT41016F	GREEN TECHNOLOGIES	24	45	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A2721	RT41271	INTEGRATED ASSET MANAGEMENT	24	57	3
15A91A2721	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	24	52	3
15A91A2721	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	22	52	3
15A91A2721	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	23	42	3
15A91A2721	RT41279	COAL BED METHANE ENGINEERING	26	35	3
15A91A2721	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	23	48	2
15A91A2721	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	47	2
15A91A2721	RT4127N	PRESENTATION OF SIP REPORT	24	48	2
15A91A2722	RT41016F	GREEN TECHNOLOGIES	22	33	3
15A91A2722	RT41271	INTEGRATED ASSET MANAGEMENT	22	28	3
15A91A2722	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	15	26	3
15A91A2722	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	18	30	3
15A91A2722	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	19	25	3
15A91A2722	RT41279	COAL BED METHANE ENGINEERING	20	25	3
15A91A2722	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	21	44	2
15A91A2722	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	19	45	2
15A91A2722	RT4127N	PRESENTATION OF SIP REPORT	22	43	2
15A91A2723	RT41016F	GREEN TECHNOLOGIES	17	49	3
15A91A2723	RT41271	INTEGRATED ASSET MANAGEMENT	23	39	3
15A91A2723	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	20	37	3
15A91A2723	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	19	39	3
15A91A2723	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	19	15	0
15A91A2723	RT41279	COAL BED METHANE ENGINEERING	19	30	3
15A91A2723	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	44	2
15A91A2723	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	20	43	2
15A91A2723	RT4127N	PRESENTATION OF SIP REPORT	23	46	2
15A91A2724	RT41016F	GREEN TECHNOLOGIES	21	36	3
15A91A2724	RT41271	INTEGRATED ASSET MANAGEMENT	22	40	3
15A91A2724	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	17	33	3
15A91A2724	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	19	34	3
15A91A2724	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	18	25	3
15A91A2724	RT41279	COAL BED METHANE ENGINEERING	18	25	3
15A91A2724	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	23	44	2
15A91A2724	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	19	43	2
15A91A2724	RT4127N	PRESENTATION OF SIP REPORT	23	45	2
15A91A2726	RT41016F	GREEN TECHNOLOGIES	21	55	3
15A91A2726	RT41271	INTEGRATED ASSET MANAGEMENT	15	44	3
15A91A2726	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	7	50	3
15A91A2726	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	14	50	3
15A91A2726	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	15	47	3
15A91A2726	RT41279	COAL BED METHANE ENGINEERING	13	34	3
15A91A2726	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	17	44	2
15A91A2726	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	12	42	2
15A91A2726	RT4127N	PRESENTATION OF SIP REPORT	23	45	2
15A91A2727	RT41016F	GREEN TECHNOLOGIES	17	39	3
15A91A2727	RT41271	INTEGRATED ASSET MANAGEMENT	21	44	3
15A91A2727	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	15	46	3
15A91A2727	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	18	42	3
15A91A2727	RT41273	PETROLEUM RESERVOIR ENGINEERING-II	19	36	3
15A91A2727	RT41279	COAL BED METHANE ENGINEERING	18	28	3
10/10///2/2/		TOTAL DED METHORITE ENGINEERING	10		J

Htno	Subcode	Subname	Internal	External	Credits
15A91A2727	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	19	42	2
15A91A2727	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	19	41	2
15A91A2727	RT4127N	PRESENTATION OF SIP REPORT	23	45	2
15A91A2728	RT41016F	GREEN TECHNOLOGIES	14	39	3
15A91A2728	RT41271	INTEGRATED ASSET MANAGEMENT	19	24	3
15A91A2728	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	15	25	3
15A91A2728	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	18	32	3
15A91A2728	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	19	26	3
15A91A2728	RT41279	COAL BED METHANE ENGINEERING	16	27	3
15A91A2728	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	10	35	2
15A91A2728	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	10	34	2
15A91A2728	RT4127N	PRESENTATION OF SIP REPORT	17	31	2
15A91A2729	RT41016F	GREEN TECHNOLOGIES	21	40	3
15A91A2729	RT41271	INTEGRATED ASSET MANAGEMENT	24	36	3
15A91A2729	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	12	28	3
15A91A2729	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	21	36	3
15A91A2729	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	16	16	0
15A91A2729	RT41274	COAL BED METHANE ENGINEERING	20	25	3
15A91A2729	RT41275	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	40	2
15A91A2729	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	21	40	2
15A91A2729 15A91A2729	RT4127W	PRESENTATION OF SIP REPORT	21	43	2
15A91A2729 15A91A2730	RT41016F	GREEN TECHNOLOGIES	24	46	3
15A91A2730	RT410101	INTEGRATED ASSET MANAGEMENT	24	38	3
15A91A2730	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	23	27	3
15A91A2730	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	20	30	3
15A91A2730	RT41273	PETROLEUM RESERVOIR ENGINEERING-II	20	28	3
15A91A2730	RT41279	COAL BED METHANE ENGINEERING	20	27	3
15A91A2730	RT41279	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	44	2
15A91A2730	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	24	45	2
15A91A2730	RT4127W	PRESENTATION OF SIP REPORT	23	47	2
15A91A2731	RT41016F	GREEN TECHNOLOGIES	19	48	3
15A91A2731	RT41271	INTEGRATED ASSET MANAGEMENT	16	38	3
15A91A2731	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	14	39	3
15A91A2731	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	5	42	3
15A91A2731	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	19	34	3
15A91A2731	RT41274	COAL BED METHANE ENGINEERING	13	34	3
15A91A2731	RT41275	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	19	35	2
15A91A2731	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	18	34	2
15A91A2731	RT4127N	PRESENTATION OF SIP REPORT	18	36	2
15A91A2732	RT41016F	GREEN TECHNOLOGIES	25	61	3
15A91A2732	RT41271	INTEGRATED ASSET MANAGEMENT	25	46	3
15A91A2732	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	23	49	3
15A91A2732	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	24	50	3
15A91A2732	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	23	44	3
15A91A2732	RT41279	COAL BED METHANE ENGINEERING	25	44	3
15A91A2732	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	25	50	2
15A91A2732	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	25	50	2
15A91A2732	RT4127N	PRESENTATION OF SIP REPORT	24	49	2
15A91A2733	RT41016F	GREEN TECHNOLOGIES	17	41	3
15A91A2733	RT41271	INTEGRATED ASSET MANAGEMENT	25	40	3
10.101712700	75.11211	J. C. L. III. C.		10	

15A91A2733	Htno	Subcode	Subname	Internal	External	Credits
15A91A2733	1549142733					3
15A91A2733						
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15A91A2734 RT41016F GREEN TECHNOLOGIES 22 55 3 15A91A2734 RT41271 INTEGRATED ASSET MANAGEMENT 21 37 3 15A91A2734 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 20 38 3 15A91A2734 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 20 38 3 15A91A2734 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 15 35 3 15A91A2734 RT4127L COAL BED METHANE ENGINEERING-III 15 35 3 15A91A2734 RT4127L PETROLEUM RESERVOIR ENGINEERING-III 17 14 0 15A91A2734 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 22 43 2 15A91A2735 RT4127M PERSENTATION OF SIP REPORT 22 43 2 15A91A2735 RT41271 INTEGRATED ASSET MANAGEMENT 24 44 3 15A91A2735 RT41271 PETROLEUM RESERVOIR ENGINEERING-II 23 41 3 15A91A2735 RT41272 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
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15A91A2734 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 15 35 3 15A91A2734 RT41279 COAL BED METHANE ENGINEERING 17 14 0 0 15A91A2734 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 22 44 2 2 15A91A2734 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 22 43 2 15A91A2735 RT41016F GREEN TECHNOLOGIES 24 50 3 15A91A2735 RT41271 INTEGRATED ASSET MANAGEMENT 24 44 3 15A91A2735 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 23 41 3 15A91A2735 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 23 41 3 15A91A2735 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 23 40 3 3 15A91A2735 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 23 40 3 3 15A91A2735 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 23 40 3 3 15A91A2735 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 24 49 2 2 2 2 2 2 2 2 2						
15A91A2734 RT41279 COAL BED METHANE ENGINEERING 17						
15A91A2734 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 22 44 2 15A91A2734 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 22 43 2 15A91A2734 RT4127N PRESENTATION OF SIP REPORT 22 43 2 15A91A2735 RT41271 PRESENTATION OF SIP REPORT 22 43 2 15A91A2735 RT41271 INTEGRATED ASSET MANAGEMENT 24 44 3 15A91A2735 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 23 41 3 15A91A2735 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 23 48 3 15A91A2735 RT41274 PETROLEUM RESERVOIR ENGINEERING 26 39 3 15A91A2735 RT41271 PETROLEUM RESERVOIR ENGINEERING 26 39 3 15A91A2735 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 24 49 2 15A91A2736 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 24 49 2 15A91A2736 RT4						
15A91A2734 RT4127M						-
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15A91A2735 RT41016F GREEN TECHNOLOGIES 24 50 3 15A91A2735 RT41271 INTEGRATED ASSET MANAGEMENT 24 44 3 15A91A2735 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 23 41 3 15A91A2735 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 23 48 3 15A91A2735 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 23 40 3 15A91A2735 RT41279 COAL BED METHANE ENGINEERING 26 39 3 15A91A2735 RT41271 PETROLEUM RESERVOIR ENGINEERING LAB 24 49 2 15A91A2735 RT4127N PETROLEUM RESERVOIR ENGINEERING LAB 24 49 2 15A91A2736 RT4127N PETROLEUM RESERVOIR ENGINEERING LAB 24 47 2 15A91A2736 RT41271 INTEGRATED ASSET MANAGEMENT 21 44 3 15A91A2736 RT41271 INTEGRATED ASSET MANAGEMENT 21 44 3 15A91A2736 RT41273						
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15A91A2735 RT41279 COAL BED METHANE ENGINEERING 26 39 3 15A91A2735 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 24 49 2 15A91A2735 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 24 49 2 15A91A2735 RT4127N PRESENTATION OF SIP REPORT 24 47 2 15A91A2736 RT41016F GREEN TECHNOLOGIES 19 40 3 15A91A2736 RT41271 INTEGRATED ASSET MANAGEMENT 21 44 3 15A91A2736 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 16 36 3 15A91A2736 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 14 43 3 15A91A2736 RT41274 PETROLEUM RESERVOIR ENGINEERING-III 16 26 3 15A91A2736 RT41279 COAL BED METHANE ENGINEERING 16 26 3 15A91A2736 RT4127M PETROLEUM RESERVOIR ENGINEERING 16 26 3 15A91A2737 RT41016F						
15A91A2735 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 24 49 2 15A91A2735 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 24 49 2 15A91A2735 RT4127N PRESENTATION OF SIP REPORT 24 47 2 15A91A2736 RT41016F GREEN TECHNOLOGIES 19 40 3 15A91A2736 RT41271 INTEGRATED ASSET MANAGEMENT 21 44 3 15A91A2736 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 16 36 3 15A91A2736 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 14 43 3 15A91A2736 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 16 26 3 15A91A2736 RT41279 COAL BED METHANE ENGINEERING 16 26 3 15A91A2736 RT4127L PETROLEUM RESERVOIR ENGINEERING 14 44 2 15A91A2736 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 21 44 2 15A91A2737 RT41271						
15A91A2735 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 24 49 2 15A91A2735 RT4127N PRESENTATION OF SIP REPORT 24 47 2 15A91A2736 RT41016F GREEN TECHNOLOGIES 19 40 3 15A91A2736 RT41271 INTEGRATED ASSET MANAGEMENT 21 44 3 15A91A2736 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 16 36 3 15A91A2736 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 14 43 3 15A91A2736 RT41274 PETROLEUM RESERVOIR ENGINEERING-III 16 26 3 15A91A2736 RT41271 PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 14 44 2 15A91A2736 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 21 44 2 15A91A2736 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 21 44 2 15A91A2737 RT41016F GREEN TECHNOLOGIES 28 48 3 15A91A2737 RT41271						
15A91A2735 RT4127N PRESENTATION OF SIP REPORT 24 47 2 15A91A2736 RT41016F GREEN TECHNOLOGIES 19 40 3 15A91A2736 RT41271 INTEGRATED ASSET MANAGEMENT 21 44 3 15A91A2736 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 16 36 3 15A91A2736 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 14 43 3 15A91A2736 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 16 26 3 15A91A2736 RT41274 PETROLEUM RESERVOIR ENGINEERING 16 26 3 15A91A2736 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 14 44 2 15A91A2736 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 21 44 2 15A91A2736 RT4127M PRESENTATION OF SIP REPORT 22 44 2 15A91A2737 RT41271 INTEGRATED ASSET MANAGEMENT 26 54 3 15A91A2737 RT41272 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
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15A91A2736 RT4127N PRESENTATION OF SIP REPORT 22 44 2 15A91A2737 RT41016F GREEN TECHNOLOGIES 28 48 3 15A91A2737 RT41271 INTEGRATED ASSET MANAGEMENT 26 54 3 15A91A2737 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 24 46 3 15A91A2737 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 25 49 3 15A91A2737 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 24 48 3 15A91A2737 RT41279 COAL BED METHANE ENGINEERING 25 47 3 15A91A2737 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 25 49 2 15A91A2737 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 25 50 2 15A91A2737 RT4127N PRESENTATION OF SIP REPORT 24 49 2	15A91A2736	RT4127L		14		
15A91A2737 RT41016F GREEN TECHNOLOGIES 28 48 3 15A91A2737 RT41271 INTEGRATED ASSET MANAGEMENT 26 54 3 15A91A2737 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 24 46 3 15A91A2737 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 25 49 3 15A91A2737 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 24 48 3 15A91A2737 RT41279 COAL BED METHANE ENGINEERING 25 47 3 15A91A2737 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 25 49 2 15A91A2737 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 25 50 2 15A91A2737 RT4127N PRESENTATION OF SIP REPORT 24 49 2						
15A91A2737 RT41271 INTEGRATED ASSET MANAGEMENT 26 54 3 15A91A2737 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 24 46 3 15A91A2737 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 25 49 3 15A91A2737 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 24 48 3 15A91A2737 RT41279 COAL BED METHANE ENGINEERING 25 47 3 15A91A2737 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 25 49 2 15A91A2737 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 25 50 2 15A91A2737 RT4127N PRESENTATION OF SIP REPORT 24 49 2	15A91A2736	RT4127N	PRESENTATION OF SIP REPORT	22	44	2
15A91A2737 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 24 46 3 15A91A2737 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 25 49 3 15A91A2737 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 24 48 3 15A91A2737 RT41279 COAL BED METHANE ENGINEERING 25 47 3 15A91A2737 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 25 49 2 15A91A2737 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 25 50 2 15A91A2737 RT4127N PRESENTATION OF SIP REPORT 24 49 2	15A91A2737	RT41016F		28	48	3
15A91A2737 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 25 49 3 15A91A2737 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 24 48 3 15A91A2737 RT41279 COAL BED METHANE ENGINEERING 25 47 3 15A91A2737 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 25 49 2 15A91A2737 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 25 50 2 15A91A2737 RT4127N PRESENTATION OF SIP REPORT 24 49 2			INTEGRATED ASSET MANAGEMENT			
15A91A2737 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 24 48 3 15A91A2737 RT41279 COAL BED METHANE ENGINEERING 25 47 3 15A91A2737 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 25 49 2 15A91A2737 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 25 50 2 15A91A2737 RT4127N PRESENTATION OF SIP REPORT 24 49 2						3
15A91A2737 RT41279 COAL BED METHANE ENGINEERING 25 47 3 15A91A2737 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 25 49 2 15A91A2737 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 25 50 2 15A91A2737 RT4127N PRESENTATION OF SIP REPORT 24 49 2	15A91A2737	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	25	49	3
15A91A2737 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 25 49 2 15A91A2737 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 25 50 2 15A91A2737 RT4127N PRESENTATION OF SIP REPORT 24 49 2	15A91A2737	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	24	48	3
15A91A2737 RT4127M PETROLEUM RESERVOIR ENGINEERING LAB 25 50 2 15A91A2737 RT4127N PRESENTATION OF SIP REPORT 24 49 2	15A91A2737	RT41279	COAL BED METHANE ENGINEERING	25	47	3
15A91A2737 RT4127N PRESENTATION OF SIP REPORT 24 49 2	15A91A2737	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	25	49	2
	15A91A2737	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	25	50	2
15A91A2738 RT41016F GREEN TECHNOLOGIES 22 50 3	15A91A2737	RT4127N	PRESENTATION OF SIP REPORT	24	49	2
15/16/12/55 KITION SKELK TESHNOLOGIES	15A91A2738	RT41016F	GREEN TECHNOLOGIES	22	50	3
15A91A2738 RT41271 INTEGRATED ASSET MANAGEMENT 21 30 3	15A91A2738	RT41271	INTEGRATED ASSET MANAGEMENT	21	30	3
15A91A2738 RT41272 ENHANCED OIL RECOVERY TECHNIQUES 18 41 3	15A91A2738	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	18	41	3
15A91A2738 RT41273 HSE AND FE IN PETROLEUM INDUSTRY 21 37 3	15A91A2738	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	21	37	3
15A91A2738 RT41274 PETROLEUM RESERVOIR ENGINEERING-II 19 15 0	15A91A2738	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	19	15	0
15A91A2738 RT41279 COAL BED METHANE ENGINEERING 25 27 3	15A91A2738	RT41279	COAL BED METHANE ENGINEERING	25	27	3
15A91A2738 RT4127L PETROLEUM EQUIPMENT DESIGN AND SIMULATION L 22 39 2	15A91A2738	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	39	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A2738	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	21	39	2
15A91A2738	RT4127N	PRESENTATION OF SIP REPORT	22	43	2
15A91A2739	RT41016F	GREEN TECHNOLOGIES	17	43	3
15A91A2739	RT41271	INTEGRATED ASSET MANAGEMENT	21	28	3
15A91A2739	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	20	44	3
15A91A2739	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	22	38	3
15A91A2739	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	21	44	3
15A91A2739	RT41279	COAL BED METHANE ENGINEERING	21	31	3
15A91A2739	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	17	44	2
15A91A2739	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	12	43	2
15A91A2739	RT4127N	PRESENTATION OF SIP REPORT	22	43	2
15A91A2740	RT41016F	GREEN TECHNOLOGIES	22	49	3
15A91A2740	RT41271	INTEGRATED ASSET MANAGEMENT	26	55	3
15A91A2740	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	24	51	3
15A91A2740	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	23	66	3
15A91A2740	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	24	50	3
15A91A2740	RT41279	COAL BED METHANE ENGINEERING	27	59	3
15A91A2740	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	25	50	2
15A91A2740	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	25	50	2
15A91A2740	RT4127N	PRESENTATION OF SIP REPORT	25	50	2
15A91A2741	RT41016F	GREEN TECHNOLOGIES	19	36	3
15A91A2741	RT41271	INTEGRATED ASSET MANAGEMENT	21	41	3
15A91A2741	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	19	37	3
15A91A2741	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	19	36	3
15A91A2741	RT41273	PETROLEUM RESERVOIR ENGINEERING-II	18	35	3
15A91A2741	RT41274	COAL BED METHANE ENGINEERING	17	27	3
15A91A2741	RT41275	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	19	42	2
15A91A2741	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	21	41	2
15A91A2741	RT4127W	PRESENTATION OF SIP REPORT	23	46	2
15A91A2742	RT41016F	GREEN TECHNOLOGIES	21	40	3
15A91A2742 15A91A2742	RT410101	INTEGRATED ASSET MANAGEMENT	24	55	3
15A91A2742 15A91A2742	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	21	30	3
15A91A2742 15A91A2742	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	23	27	3
15A91A2742 15A91A2742	RT41273	PETROLEUM RESERVOIR ENGINEERING-II	19	37	3
15A91A2742	RT41274	COAL BED METHANE ENGINEERING	20	30	3
15A91A2742	RT41279	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	19	44	2
15A91A2742 15A91A2742	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	19	43	2
15A91A2742 15A91A2742	RT4127W	PRESENTATION OF SIP REPORT	23	43	2
15A91A2742 15A91A2743	RT4127N	GREEN TECHNOLOGIES	21	6	0
15A91A2743	RT41016F	INTEGRATED ASSET MANAGEMENT	16	5	0
15A91A2743	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	25	-1	0
15A91A2743	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	20	7	0
15A91A2743 15A91A2743	RT41273	PETROLEUM RESERVOIR ENGINEERING-II	19	-1	0
15A91A2743	RT41274	COAL BED METHANE ENGINEERING	19	5	0
15A91A2743 15A91A2743	RT41279	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	19	35	2
15A91A2743 15A91A2743	RT4127L RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	19	35	2
					2
15A91A2743	RT4127N RT41016F	PRESENTATION OF SIP REPORT	23	45	
15A91A2744 15A91A2744	RT41016F	GREEN TECHNOLOGIES INTEGRATED ASSET MANAGEMENT	24 24	53 46	3
15A91A2744 15A91A2744	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	20	46	3
10/13/14/2/44	1/14/2/2	LINIMOLD OIL ILLOOVER I TECHNIQUES	20	40	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A2744	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	24	33	3
15A91A2744	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	20	44	3
15A91A2744	RT41279	COAL BED METHANE ENGINEERING	23	27	3
15A91A2744	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	23	47	2
15A91A2744	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	47	2
15A91A2744	RT4127N	PRESENTATION OF SIP REPORT	21	43	2
15A91A2745	RT41016F	GREEN TECHNOLOGIES	27	44	3
15A91A2745	RT41271	INTEGRATED ASSET MANAGEMENT	27	40	3
15A91A2745	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	23	46	3
15A91A2745	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	22	38	3
15A91A2745	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	23	49	3
15A91A2745	RT41279	COAL BED METHANE ENGINEERING	24	31	3
15A91A2745	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	25	49	2
15A91A2745	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	25	49	2
15A91A2745	RT4127N	PRESENTATION OF SIP REPORT	24	49	2
15A91A2746	RT41016F	GREEN TECHNOLOGIES	22	57	3
15A91A2746	RT41271	INTEGRATED ASSET MANAGEMENT	24	43	3
15A91A2746	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	22	44	3
15A91A2746	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	24	42	3
15A91A2746	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	20	45	3
15A91A2746	RT41279	COAL BED METHANE ENGINEERING	22	30	3
15A91A2746	RT41275	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	23	49	2
15A91A2746	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	49	2
15A91A2746	RT4127W	PRESENTATION OF SIP REPORT	24	48	2
15A91A2747	RT41016F	GREEN TECHNOLOGIES	19	41	3
15A91A2747	RT41271	INTEGRATED ASSET MANAGEMENT	22	42	3
15A91A2747	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	19	36	3
15A91A2747	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	18	31	3
15A91A2747	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	19	31	3
15A91A2747	RT41279	COAL BED METHANE ENGINEERING	17	25	3
15A91A2747	RT41275	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	44	2
15A91A2747	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	22	44	2
15A91A2747	RT4127N	PRESENTATION OF SIP REPORT	22	44	2
15A91A2748	RT41016F	GREEN TECHNOLOGIES	22	36	3
15A91A2748	RT41271	INTEGRATED ASSET MANAGEMENT	22	34	3
15A91A2748	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	20	25	3
15A91A2748	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	16	40	3
15A91A2748	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	19	26	3
15A91A2748	RT41279	COAL BED METHANE ENGINEERING	21	25	3
15A91A2748	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	21	44	2
15A91A2748	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	20	43	2
15A91A2748	RT4127N	PRESENTATION OF SIP REPORT	21	43	2
15A91A2749	RT41016F	GREEN TECHNOLOGIES	23	60	3
15A91A2749	RT41271	INTEGRATED ASSET MANAGEMENT	27	45	3
15A91A2749	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	24	47	3
15A91A2749	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	22	48	3
15A91A2749	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	24	49	3
15A91A2749	RT41279	COAL BED METHANE ENGINEERING	23	40	3
15A91A2749	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	49	2
15A91A2749	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	49	2
		,	_		_

Htno	Subcode	Subname	Internal	External	Credits
15A91A2749	RT4127N	PRESENTATION OF SIP REPORT	23	46	2
15A91A2750	RT41016F	GREEN TECHNOLOGIES	20	39	3
15A91A2750	RT41271	INTEGRATED ASSET MANAGEMENT	18	43	3
15A91A2750	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	15	27	3
15A91A2750	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	15	44	3
15A91A2750	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	17	27	3
15A91A2750	RT41279	COAL BED METHANE ENGINEERING	19	25	3
15A91A2750	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	43	2
15A91A2750	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	19	43	2
15A91A2750	RT4127N	PRESENTATION OF SIP REPORT	21	45	2
15A91A2751	RT41016F	GREEN TECHNOLOGIES	26	38	3
15A91A2751	RT41271	INTEGRATED ASSET MANAGEMENT	27	36	3
15A91A2751	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	28	30	3
15A91A2751	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	21	40	3
15A91A2751	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	21	17	0
15A91A2751	RT41279	COAL BED METHANE ENGINEERING	23	30	3
15A91A2751	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	43	2
15A91A2751	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	22	43	2
15A91A2751	RT4127N	PRESENTATION OF SIP REPORT	24	48	2
15A91A2752	RT41016F	GREEN TECHNOLOGIES	26	56	3
15A91A2752	RT41271	INTEGRATED ASSET MANAGEMENT	26	46	3
15A91A2752	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	25	25	3
15A91A2752	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	25	41	3
15A91A2752	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	20	32	3
15A91A2752	RT41279	COAL BED METHANE ENGINEERING	23	44	3
15A91A2752	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	22	49	2
15A91A2752	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	23	48	2
15A91A2752	RT4127N	PRESENTATION OF SIP REPORT	23	46	2
15A91A2753	RT41016F	GREEN TECHNOLOGIES	18	39	3
15A91A2753	RT41271	INTEGRATED ASSET MANAGEMENT	22	33	3
15A91A2753	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	11	29	3
15A91A2753	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	20	39	3
15A91A2753	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	16	26	3
15A91A2753	RT41279	COAL BED METHANE ENGINEERING	15	28	3
15A91A2753	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	14	44	2
15A91A2753	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	19	42	2
15A91A2753	RT4127N	PRESENTATION OF SIP REPORT	23	45	2
15A91A2754	RT41016F	GREEN TECHNOLOGIES	26	65	3
15A91A2754	RT41271	INTEGRATED ASSET MANAGEMENT	24	43	3
15A91A2754	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	18	48	3
15A91A2754	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	22	52	3
15A91A2754	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	20	47	3
15A91A2754	RT41279	COAL BED METHANE ENGINEERING	22	43	3
15A91A2754	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	23	49	2
15A91A2754	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	48	2
15A91A2754	RT4127N	PRESENTATION OF SIP REPORT	23	46	2
15A91A2755	RT41016F	GREEN TECHNOLOGIES	20	59	3
15A91A2755	RT41271	INTEGRATED ASSET MANAGEMENT	25	49	3
15A91A2755	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	23	51	3
15A91A2755	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	22	56	3
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Htno	Subcode	Subname	Internal	External	Credits
15A91A2755	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	21	45	3
15A91A2755	RT41279	COAL BED METHANE ENGINEERING	24	37	3
15A91A2755	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	23	49	2
15A91A2755	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	49	2
15A91A2755	RT4127N	PRESENTATION OF SIP REPORT	23	46	2
15A91A2756	RT41016F	GREEN TECHNOLOGIES	24	41	3
15A91A2756	RT41271	INTEGRATED ASSET MANAGEMENT	21	39	3
15A91A2756	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	18	34	3
15A91A2756	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	21	43	3
15A91A2756	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	19	35	3
15A91A2756	RT41279	COAL BED METHANE ENGINEERING	21	24	3
15A91A2756	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	21	48	2
15A91A2756	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	23	47	2
15A91A2756	RT4127N	PRESENTATION OF SIP REPORT	22	45	2
15A91A2757	RT41016F	GREEN TECHNOLOGIES	19	27	3
15A91A2757	RT41271	INTEGRATED ASSET MANAGEMENT	22	26	3
15A91A2757	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	16	24	3
15A91A2757	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	18	24	3
15A91A2757	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	17	5	0
15A91A2757	RT41279	COAL BED METHANE ENGINEERING	20	0	0
15A91A2757	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	19	43	2
15A91A2757	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	19	42	2
15A91A2757	RT4127N	PRESENTATION OF SIP REPORT	22	43	2
15A91A2758	RT41016F	GREEN TECHNOLOGIES	22	56	3
15A91A2758	RT41271	INTEGRATED ASSET MANAGEMENT	23	58	3
15A91A2758	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	20	51	3
15A91A2758	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	22	66	3
15A91A2758	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	23	54	3
15A91A2758	RT41279	COAL BED METHANE ENGINEERING	23	36	3
15A91A2758	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	49	2
15A91A2758	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	49	2
15A91A2758	RT4127N	PRESENTATION OF SIP REPORT	23	46	2
15A91A2759	RT41016F	GREEN TECHNOLOGIES	24	67	3
15A91A2759	RT41271	INTEGRATED ASSET MANAGEMENT	23	53	3
15A91A2759	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	21	52	3
15A91A2759	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	23	62	3
15A91A2759	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	25	52	3
15A91A2759	RT41279	COAL BED METHANE ENGINEERING	23	43	3
15A91A2759	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	49	2
15A91A2759	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	49	2
15A91A2759	RT4127N	PRESENTATION OF SIP REPORT	22	46	2
15A91A2760	RT41016F	GREEN TECHNOLOGIES	21	52	3
15A91A2760	RT41271	INTEGRATED ASSET MANAGEMENT	26	43	3
15A91A2760	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	21	44	3
15A91A2760	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	23	37	3
15A91A2760	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	22	46	3
15A91A2760	RT41279	COAL BED METHANE ENGINEERING	19	34	3
15A91A2760	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	21	47	2
15A91A2760	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	22	47	2
15A91A2760	RT4127N	PRESENTATION OF SIP REPORT	23	46	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A2761	RT41016F	GREEN TECHNOLOGIES	25	35	3
15A91A2761	RT41271	INTEGRATED ASSET MANAGEMENT	23	40	3
15A91A2761	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	23	37	3
15A91A2761	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	23	43	3
15A91A2761	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	21	40	3
15A91A2761	RT41279	COAL BED METHANE ENGINEERING	26	30	3
15A91A2761	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	48	2
15A91A2761	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	48	2
15A91A2761	RT4127N	PRESENTATION OF SIP REPORT	24	48	2
15A91A2763	RT41016F	GREEN TECHNOLOGIES	25	45	3
15A91A2763	RT41271	INTEGRATED ASSET MANAGEMENT	26	56	3
15A91A2763	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	22	46	3
15A91A2763	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	24	52	3
15A91A2763	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	24	41	3
15A91A2763	RT41279	COAL BED METHANE ENGINEERING	23	45	3
15A91A2763	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	49	2
15A91A2763	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	25	49	2
15A91A2763	RT4127N	PRESENTATION OF SIP REPORT	24	49	2
15A91A2764	RT41016F	GREEN TECHNOLOGIES	23	51	3
15A91A2764	RT41271	INTEGRATED ASSET MANAGEMENT	24	66	3
15A91A2764	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	20	44	3
15A91A2764	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	23	63	3
15A91A2764	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	24	32	3
15A91A2764	RT41279	COAL BED METHANE ENGINEERING	22	45	3
15A91A2764	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	49	2
15A91A2764	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	25	49	2
15A91A2764	RT4127N	PRESENTATION OF SIP REPORT	24	48	2
15A91A3501	RT41351	MICRO IRRIGATION ENGINEERING	20	28	3
15A91A3501	RT41352	FARM MACHINERY AND EQUIPMENTS-II	23	24	3
15A91A3501	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	19	43	3
15A91A3501	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	17	39	3
15A91A3501	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	19	24	3
15A91A3501	RT41358	WATERSHED MANAGEMENT	19	31	3
15A91A3501	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	20	42	2
15A91A3501	RT4135M	DAIRY AND FOOD ENGINEERING LAB	21	39	2
15A91A3502	RT41351	MICRO IRRIGATION ENGINEERING	27	38	3
15A91A3502	RT41352	FARM MACHINERY AND EQUIPMENTS-II	21	25	3
15A91A3502	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	28	56	3
15A91A3502	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	23	44	3
15A91A3502	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	20	29	3
15A91A3502	RT41359	FOOD PACKAGING TECHNOLOGY	21	40	3
15A91A3502	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	23	44	2
15A91A3502	RT4135M	DAIRY AND FOOD ENGINEERING LAB	22	45	2
15A91A3503	RT41351	MICRO IRRIGATION ENGINEERING	24	41	3
15A91A3503	RT41352	FARM MACHINERY AND EQUIPMENTS-II	23	50	3
15A91A3503	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	23	63	3
15A91A3503	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	22	51	3
15A91A3503	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	20	33	3
15A91A3503	RT41359	FOOD PACKAGING TECHNOLOGY	25	47	3
15A91A3503	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A3503	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	43	2
15A91A3504	RT41351	MICRO IRRIGATION ENGINEERING	26	39	3
15A91A3504	RT41352	FARM MACHINERY AND EQUIPMENTS-II	26	45	3
15A91A3504	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	25	58	3
15A91A3504	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	23	54	3
15A91A3504	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	21	34	3
15A91A3504	RT41359	FOOD PACKAGING TECHNOLOGY	25	42	3
15A91A3504	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	23	47	2
15A91A3504	RT4135M	DAIRY AND FOOD ENGINEERING LAB	24	49	2
15A91A3505	RT41351	MICRO IRRIGATION ENGINEERING	26	47	3
15A91A3505	RT41352	FARM MACHINERY AND EQUIPMENTS-II	24	38	3
15A91A3505	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	23	65	3
15A91A3505	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	26	57	3
15A91A3505	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	23	32	3
15A91A3505	RT41359	FOOD PACKAGING TECHNOLOGY	25	43	3
15A91A3505	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	23	48	2
15A91A3505	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	50	2
15A91A3506	RT41351	MICRO IRRIGATION ENGINEERING	22	47	3
15A91A3506	RT41352	FARM MACHINERY AND EQUIPMENTS-II	19	36	3
15A91A3506	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	17	52	3
15A91A3506	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	18	43	3
15A91A3506	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	23	34	3
15A91A3506	RT41359	FOOD PACKAGING TECHNOLOGY	22	43	3
15A91A3506	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	22	44	2
15A91A3506	RT4135M	DAIRY AND FOOD ENGINEERING LAB	22	38	2
15A91A3507	RT41351	MICRO IRRIGATION ENGINEERING	25	47	3
15A91A3507	RT41352	FARM MACHINERY AND EQUIPMENTS-II	25	38	3
15A91A3507	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	22	58	3
15A91A3507	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	21	49	3
15A91A3507	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	20	36	3
15A91A3507	RT41358	WATERSHED MANAGEMENT	26	43	3
15A91A3507	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	21	44	2
15A91A3507	RT4135M	DAIRY AND FOOD ENGINEERING LAB	24	42	2
15A91A3508	RT41351	MICRO IRRIGATION ENGINEERING	26	50	3
15A91A3508	RT41352	FARM MACHINERY AND EQUIPMENTS-II	24	40	3
15A91A3508	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	25	56	3
15A91A3508	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	25	52	3
15A91A3508	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	22	35	3
15A91A3508	RT41358	WATERSHED MANAGEMENT	25	41	3
15A91A3508	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	22	49	2
15A91A3508	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	49	2
15A91A3509	RT41351	MICRO IRRIGATION ENGINEERING	18	42	3
15A91A3509	RT41352	FARM MACHINERY AND EQUIPMENTS-II	17	16	0
15A91A3509	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	19	35	3
15A91A3509	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	20	34	3
15A91A3509	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	17	27	3
15A91A3509	RT41358	WATERSHED MANAGEMENT	16	24	3
15A91A3509	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	19	39	2
15A91A3509	RT4135M	DAIRY AND FOOD ENGINEERING LAB	18	42	2
15A91A3510	RT41351	MICRO IRRIGATION ENGINEERING	20	34	3
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15A91A3510	Htno	Subcode	Subname	Internal	External	Credits
15A91A3510	15A91A3510	RT41352	FARM MACHINERY AND EQUIPMENTS-II	20	16	0
15A91A3510 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 20 48 3 15A91A3510 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 18 31 3 3 15A91A3510 RT4135L FOOD PACKAGING TECHNOLOGY 20 36 3 3 3 3 3 15A91A3510 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 21 44 2 2 2 15A91A3511 RT4135L MICRO IRRIGATION ENGINEERING LAB 22 37 2 2 2 2 3 3 3 3 3 3			· ·			3
15A91A3510 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 18 31 3 15A91A3510 RT41354 FOOD PACKAGING TECHNOLOGY 20 36 3 3 15A91A3510 RT4135M FIELD OPERATION AND MAINTENANCE OF TRACTORS 21 44 2 2 2 37 2 2 2 2 3 3 2 2 2 3 3						
15A91A3510	15A91A3510		SEED PROCESSING AND STORAGE ENGINEERING			
15A91A3510			FOOD PACKAGING TECHNOLOGY	20		
15A91A3510	15A91A3510		FIELD OPERATION AND MAINTENANCE OF TRACTORS			2
15A91A3511 RT41351 MICRO IRRIGATION ENGINEERING 27 41 3 3 15A91A3511 RT41352 FARM MACHINERY AND EQUIPMENTS-II 27 31 3 3 3 15A91A3511 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 24 54 3 15A91A3511 RT41355 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 22 39 3 15A91A3511 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 22 31 3 3 3 3 3 3 3 3		RT4135M	DAIRY AND FOOD ENGINEERING LAB		37	
15A91A3511 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 24 54 3 15A91A3511 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 22 39 3 3 3 15A91A3511 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 22 31 3 3 3 3 15A91A3511 RT41355 WATERSHED MANAGEMENT 23 32 3 3 3 3 3 3 3	15A91A3511	RT41351	MICRO IRRIGATION ENGINEERING	27		
15A91A3511 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 22 39 3 15A91A3511 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 22 31 3 15A91A3511 RT41358 WATERSHED MANAGEMENT 23 32 3 15A91A3511 RT4135B FIELD OPERATION AND MAINTENANCE OF TRACTORS 23 44 2 15A91A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 21 38 2 15A91A3512 RT41351 MICRO IRRIGATION ENGINEERING 26 46 3 15A91A3512 RT41352 FARM MACHINERY AND EQUIPMENTS-II 23 49 3 15A91A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 24 54 3 15A91A3512 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 25 63 3 15A91A3512 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 27 45 3 15A91A3512 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 26 52 3 <t< td=""><td>15A91A3511</td><td>RT41352</td><td>FARM MACHINERY AND EQUIPMENTS-II</td><td>27</td><td>31</td><td>3</td></t<>	15A91A3511	RT41352	FARM MACHINERY AND EQUIPMENTS-II	27	31	3
15A91A3511 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 22 31 3 15A91A3511 RT41358 WATERSHED MANAGEMENT 23 32 3 15A91A3511 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 23 44 2 15A91A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 21 38 2 15A91A3512 RT41351 MICRO IRRIGATION ENGINEERING 26 46 3 15A91A3512 RT41351 MICRO IRRIGATION ENGINEERING 26 46 3 15A91A3512 RT41353 POST HARVEST ENGINEERING 26 46 3 15A91A3512 RT41353 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 25 63 3 15A91A3512 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 25 63 3 15A91A3512 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 27 45 3 15A91A3512 RT41355 MECHANICAL MEASUREMENTS 20 31 3 15A91A3513	15A91A3511		POST HARVEST ENGINEERING FOR HORTICULTURE P	24	54	
15A91A3511 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 22 31 3 15A91A3511 RT41358 WATERSHED MANAGEMENT 23 32 3 15A91A3511 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 23 44 2 15A91A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 21 38 2 15A91A3512 RT41351 MICRO IRRIGATION ENGINEERING 26 46 3 15A91A3512 RT41351 MICRO IRRIGATION ENGINEERING 26 46 3 15A91A3512 RT41353 POST HARVEST ENGINEERING 26 46 3 15A91A3512 RT41353 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 25 63 3 15A91A3512 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 25 63 3 15A91A3512 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 27 45 3 15A91A3512 RT41355 MECHANICAL MEASUREMENTS 20 31 3 15A91A3513	15A91A3511		MECHANICAL MEASUREMENTS AND INSTRUMENTATION			
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15A91A3513 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 17 28 3 15A91A3513 RT41358 WATERSHED MANAGEMENT 17 24 3 15A91A3513 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 16 39 2 15A91A3513 RT4135M DAIRY AND FOOD ENGINEERING LAB 22 34 2 15A91A3514 RT41351 MICRO IRRIGATION ENGINEERING 26 58 3 15A91A3514 RT41352 FARM MACHINERY AND EQUIPMENTS-II 26 44 3 15A91A3514 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 26 63 3 15A91A3514 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 24 63 3 15A91A3514 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 25 39 3 15A91A3514 RT41359 FOOD PACKAGING TECHNOLOGY 25 49 3 15A91A3514 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 50 2	15A91A3513			17		
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15A91A3513 RT4135M DAIRY AND FOOD ENGINEERING LAB 22 34 2 15A91A3514 RT41351 MICRO IRRIGATION ENGINEERING 26 58 3 15A91A3514 RT41352 FARM MACHINERY AND EQUIPMENTS-II 26 44 3 15A91A3514 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 26 63 3 15A91A3514 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 24 63 3 15A91A3514 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 25 39 3 15A91A3514 RT41359 FOOD PACKAGING TECHNOLOGY 25 49 3 15A91A3514 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 50 2			WATERSHED MANAGEMENT	17	24	3
15A91A3514 RT41351 MICRO IRRIGATION ENGINEERING 26 58 3 15A91A3514 RT41352 FARM MACHINERY AND EQUIPMENTS-II 26 44 3 15A91A3514 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 26 63 3 15A91A3514 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 24 63 3 15A91A3514 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 25 39 3 15A91A3514 RT41359 FOOD PACKAGING TECHNOLOGY 25 49 3 15A91A3514 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 50 2		RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS			
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15A91A3514 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 26 63 3 15A91A3514 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 24 63 3 15A91A3514 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 25 39 3 15A91A3514 RT41359 FOOD PACKAGING TECHNOLOGY 25 49 3 15A91A3514 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 50 2	15A91A3514	RT41351	MICRO IRRIGATION ENGINEERING	26	58	3
15A91A3514 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 24 63 3 15A91A3514 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 25 39 3 15A91A3514 RT41359 FOOD PACKAGING TECHNOLOGY 25 49 3 15A91A3514 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 50 2	15A91A3514	RT41352	FARM MACHINERY AND EQUIPMENTS-II	26	44	3
15A91A3514 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 25 39 3 15A91A3514 RT41359 FOOD PACKAGING TECHNOLOGY 25 49 3 15A91A3514 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 50 2	15A91A3514	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	26	63	3
15A91A3514 RT41359 FOOD PACKAGING TECHNOLOGY 25 49 3 15A91A3514 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 50 2	15A91A3514	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	24	63	3
15A91A3514 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 50 2	15A91A3514	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	25	39	3
	15A91A3514	RT41359	FOOD PACKAGING TECHNOLOGY	25	49	3
15A91A3514 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 49 2	15A91A3514	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	25	50	2
	15A91A3514	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	49	2
15A91A3515 RT41351 MICRO IRRIGATION ENGINEERING 25 49 3	15A91A3515	RT41351	MICRO IRRIGATION ENGINEERING	25	49	3
15A91A3515 RT41352 FARM MACHINERY AND EQUIPMENTS-II 23 46 3	15A91A3515	RT41352	FARM MACHINERY AND EQUIPMENTS-II	23	46	3
15A91A3515 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 25 57 3	15A91A3515	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	25	57	3
15A91A3515 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 25 61 3	15A91A3515	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	25	61	3
15A91A3515 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 24 39 3	15A91A3515	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	24	39	3
15A91A3515 RT41359 FOOD PACKAGING TECHNOLOGY 25 41 3	15A91A3515	RT41359	FOOD PACKAGING TECHNOLOGY	25	41	3
15A91A3515 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 23 43 2	15A91A3515	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	23	43	2
15A91A3515 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 48 2	15A91A3515	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	48	2
15A91A3516 RT41351 MICRO IRRIGATION ENGINEERING 24 30 3	15A91A3516	RT41351	MICRO IRRIGATION ENGINEERING	24	30	3
15A91A3516 RT41352 FARM MACHINERY AND EQUIPMENTS-II 21 32 3	15A91A3516	RT41352	FARM MACHINERY AND EQUIPMENTS-II	21	32	3
15A91A3516 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 22 49 3	15A91A3516	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	22	49	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A3516	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	23	40	3
15A91A3516	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	21	27	3
15A91A3516	RT41358	WATERSHED MANAGEMENT	21	29	3
15A91A3516	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	21	44	2
15A91A3516	RT4135M	DAIRY AND FOOD ENGINEERING LAB	24	40	2
15A91A3517	RT41351	MICRO IRRIGATION ENGINEERING	28	38	3
15A91A3517	RT41352	FARM MACHINERY AND EQUIPMENTS-II	22	9	0
15A91A3517	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	21	46	3
15A91A3517	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	22	25	3
15A91A3517	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	19	25	3
15A91A3517	RT41358	WATERSHED MANAGEMENT	22	24	3
15A91A3517	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	20	39	2
15A91A3517	RT4135M	DAIRY AND FOOD ENGINEERING LAB	18	36	2
15A91A3518	RT41351	MICRO IRRIGATION ENGINEERING	26	49	3
15A91A3518	RT41352	FARM MACHINERY AND EQUIPMENTS-II	23	24	3
15A91A3518	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	23	56	3
15A91A3518	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	18	40	3
15A91A3518	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	19	29	3
15A91A3518	RT41358	WATERSHED MANAGEMENT	22	29	3
15A91A3518	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	18	44	2
15A91A3518	RT4135M	DAIRY AND FOOD ENGINEERING LAB	23	43	2
15A91A3519	RT41351	MICRO IRRIGATION ENGINEERING	16	36	3
15A91A3519	RT41352	FARM MACHINERY AND EQUIPMENTS-II	17	26	3
15A91A3519	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	20	46	3
15A91A3519	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	18	31	3
15A91A3519	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	17	28	3
15A91A3519	RT41358	WATERSHED MANAGEMENT	20	24	3
15A91A3519	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	16	34	2
15A91A3519	RT4135M	DAIRY AND FOOD ENGINEERING LAB	19	37	2
15A91A3520	RT41351	MICRO IRRIGATION ENGINEERING	24	48	3
15A91A3520	RT41352	FARM MACHINERY AND EQUIPMENTS-II	27	37	3
15A91A3520	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	24	60	3
15A91A3520	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	21	62	3
15A91A3520	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	21	34	3
15A91A3520	RT41359	FOOD PACKAGING TECHNOLOGY	25	44	3
15A91A3520	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	23	44	2
15A91A3520	RT4135M	DAIRY AND FOOD ENGINEERING LAB	22	40	2
15A91A3521	RT41351	MICRO IRRIGATION ENGINEERING	20	30	3
15A91A3521	RT41352	FARM MACHINERY AND EQUIPMENTS-II	17	26	3
15A91A3521	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	21	49	3
15A91A3521	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	20	47	3
15A91A3521	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	17	24	3
15A91A3521	RT41358	WATERSHED MANAGEMENT	17	29	3
15A91A3521	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	19	39	2
15A91A3521	RT4135M	DAIRY AND FOOD ENGINEERING LAB	17	41	2
15A91A3522	RT41351	MICRO IRRIGATION ENGINEERING	23	36	3
15A91A3522	RT41352	FARM MACHINERY AND EQUIPMENTS-II	23	14	0
15A91A3522	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	22	46	3
15A91A3522	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	22	39	3
15A91A3522	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	19	25	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A3522	RT41359	FOOD PACKAGING TECHNOLOGY	25	27	3
15A91A3522	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	21	43	2
15A91A3522	RT4135M	DAIRY AND FOOD ENGINEERING LAB	24	38	2
15A91A3523	RT41351	MICRO IRRIGATION ENGINEERING	22	37	3
15A91A3523	RT41352	FARM MACHINERY AND EQUIPMENTS-II	19	28	3
15A91A3523	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	18	49	3
15A91A3523	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	22	26	3
15A91A3523	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	17	26	3
15A91A3523	RT41359	FOOD PACKAGING TECHNOLOGY	24	31	3
15A91A3523	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	19	39	2
15A91A3523	RT4135M	DAIRY AND FOOD ENGINEERING LAB	22	39	2
15A91A3524	RT41351	MICRO IRRIGATION ENGINEERING	23	51	3
15A91A3524	RT41352	FARM MACHINERY AND EQUIPMENTS-II	24	47	3
15A91A3524	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	26	60	3
15A91A3524	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	24	42	3
15A91A3524	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	21	32	3
15A91A3524	RT41358	WATERSHED MANAGEMENT	25	39	3
15A91A3524	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	25	50	2
15A91A3524	RT4135M	DAIRY AND FOOD ENGINEERING LAB	24	48	2
15A91A3525	RT41351	MICRO IRRIGATION ENGINEERING	23	28	3
15A91A3525	RT41352	FARM MACHINERY AND EQUIPMENTS-II	19	30	3
15A91A3525	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	20	49	3
15A91A3525	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	19	42	3
15A91A3525	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	21	32	3
15A91A3525	RT41359	FOOD PACKAGING TECHNOLOGY	25	46	3
15A91A3525	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	20	39	2
15A91A3525	RT4135M	DAIRY AND FOOD ENGINEERING LAB	21	44	2
15A91A3526	RT41351	MICRO IRRIGATION ENGINEERING	26	42	3
15A91A3526	RT41352	FARM MACHINERY AND EQUIPMENTS-II	17	14	0
15A91A3526	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	20	55	3
15A91A3526	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	17	26	3
15A91A3526	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	15	28	3
15A91A3526	RT41358	WATERSHED MANAGEMENT	20	33	3
15A91A3526	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	17	39	2
15A91A3526	RT4135M	DAIRY AND FOOD ENGINEERING LAB	22	42	2
15A91A3527	RT41351	MICRO IRRIGATION ENGINEERING	25	33	3
15A91A3527	RT41352	FARM MACHINERY AND EQUIPMENTS-II	16	24	3
15A91A3527	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	23	32	3
15A91A3527	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	18	25	3
15A91A3527	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	16	24	3
15A91A3527	RT41358	WATERSHED MANAGEMENT	19	24	3
15A91A3527	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	19	40	2
15A91A3527	RT4135M	DAIRY AND FOOD ENGINEERING LAB	23	39	2
15A91A3528	RT41351	MICRO IRRIGATION ENGINEERING	19	37	3
15A91A3528	RT41352	FARM MACHINERY AND EQUIPMENTS-II	22	6	0
15A91A3528	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	19	47	3
15A91A3528	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	16	29	3
15A91A3528	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	19	29	3
15A91A3528	RT41358	WATERSHED MANAGEMENT	22	26	3
15A91A3528	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	17	39	2

Htno	Subcode	Subname	Internal	External	Credits
15A91A3528	RT4135M	DAIRY AND FOOD ENGINEERING LAB	18	38	2
15A91A3529	RT41351	MICRO IRRIGATION ENGINEERING	27	32	3
15A91A3529	RT41352	FARM MACHINERY AND EQUIPMENTS-II	19	25	3
15A91A3529	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	18	49	3
15A91A3529	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	21	48	3
15A91A3529	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	22	26	3
15A91A3529	RT41358	WATERSHED MANAGEMENT	17	30	3
15A91A3529	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	19	44	2
15A91A3529	RT4135M	DAIRY AND FOOD ENGINEERING LAB	23	39	2
15A91A3530	RT41351	MICRO IRRIGATION ENGINEERING	21	39	3
15A91A3530	RT41352	FARM MACHINERY AND EQUIPMENTS-II	20	31	3
15A91A3530	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	21	49	3
15A91A3530	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	20	54	3
15A91A3530	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	17	31	3
15A91A3530	RT41359	FOOD PACKAGING TECHNOLOGY	23	37	3
15A91A3530	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	22	44	2
15A91A3530	RT4135M	DAIRY AND FOOD ENGINEERING LAB	22	40	2
15A91A3531	RT41351	MICRO IRRIGATION ENGINEERING	20	39	3
15A91A3531	RT41352	FARM MACHINERY AND EQUIPMENTS-II	16	41	3
15A91A3531	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	18	30	3
15A91A3531	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	17	24	3
15A91A3531	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	26	25	3
15A91A3531	RT41358	WATERSHED MANAGEMENT	18	27	3
15A91A3531	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	17	39	2
15A91A3531	RT4135M	DAIRY AND FOOD ENGINEERING LAB	18	42	2
15A91A3532	RT41351	MICRO IRRIGATION ENGINEERING	19	42	3
15A91A3532	RT41352	FARM MACHINERY AND EQUIPMENTS-II	16	17	0
15A91A3532	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	16	30	3
15A91A3532	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	15	43	3
15A91A3532	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	17	27	3
15A91A3532	RT41358	WATERSHED MANAGEMENT	18	26	3
15A91A3532	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	18	39	2
15A91A3532	RT4135M	DAIRY AND FOOD ENGINEERING LAB	19	38	2
15A91A3533	RT41351	MICRO IRRIGATION ENGINEERING	21	57	3
15A91A3533	RT41352	FARM MACHINERY AND EQUIPMENTS-II	26	35	3
15A91A3533	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	24	61	3
15A91A3533	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	24	56	3
15A91A3533	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	22	36	3
15A91A3533	RT41358	WATERSHED MANAGEMENT	28	42	3
15A91A3533	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	25	49	2
15A91A3533	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	48	2
15A91A3534	RT41351	MICRO IRRIGATION ENGINEERING	19	44	3
15A91A3534	RT41352	FARM MACHINERY AND EQUIPMENTS-II	17	27	3
15A91A3534	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	18	48	3
15A91A3534	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	13	36	3
15A91A3534	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	16	24	3
15A91A3534	RT41358	WATERSHED MANAGEMENT	17	28	3
15A91A3534	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	20	39	2
15A91A3534	RT4135M	DAIRY AND FOOD ENGINEERING LAB	23	44	2
15A91A3537	RT41351	MICRO IRRIGATION ENGINEERING	25	46	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A3537	RT41352	FARM MACHINERY AND EQUIPMENTS-II	22	26	3
15A91A3537	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	22	41	3
15A91A3537	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	21	45	3
15A91A3537	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	23	24	3
15A91A3537	RT41359	FOOD PACKAGING TECHNOLOGY	27	38	3
15A91A3537	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	22	42	2
15A91A3537	RT4135M	DAIRY AND FOOD ENGINEERING LAB	17	41	2
15A91A3539	RT41351	MICRO IRRIGATION ENGINEERING	28	29	3
15A91A3539	RT41352	FARM MACHINERY AND EQUIPMENTS-II	26	31	3
15A91A3539	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	23	51	3
15A91A3539	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	19	28	3
15A91A3539	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	21	34	3
15A91A3539	RT41358	WATERSHED MANAGEMENT	23	31	3
15A91A3539	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	19	44	2
15A91A3539	RT4135M	DAIRY AND FOOD ENGINEERING LAB	18	42	2
15A91A3541	RT41351	MICRO IRRIGATION ENGINEERING	23	44	3
15A91A3541	RT41352	FARM MACHINERY AND EQUIPMENTS-II	24	28	3
15A91A3541	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	23	56	3
15A91A3541	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	25	29	3
15A91A3541	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	21	44	3
15A91A3541	RT41359	FOOD PACKAGING TECHNOLOGY	22	47	3
15A91A3541	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	18	44	2
15A91A3541	RT4135M	DAIRY AND FOOD ENGINEERING LAB	23	39	2
15A91A3542	RT41351	MICRO IRRIGATION ENGINEERING	17	26	3
15A91A3542	RT41352	FARM MACHINERY AND EQUIPMENTS-II	18	15	0
15A91A3542	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	16	33	3
15A91A3542	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	14	16	0
15A91A3542	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	12	16	0
15A91A3542	RT41359	FOOD PACKAGING TECHNOLOGY	19	28	3
15A91A3542	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	18	34	2
15A91A3542	RT4135M	DAIRY AND FOOD ENGINEERING LAB	18	34	2
15A91A3543	RT41351	MICRO IRRIGATION ENGINEERING	17	34	3
15A91A3543	RT41352	FARM MACHINERY AND EQUIPMENTS-II	19	46	3
15A91A3543	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	21	49	3
15A91A3543	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	19	25	3
15A91A3543	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	24	29	3
15A91A3543	RT41359	FOOD PACKAGING TECHNOLOGY	24	41	3
15A91A3543	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	15	43	2
15A91A3543	RT4135M	DAIRY AND FOOD ENGINEERING LAB	23	44	2
15A91A3544	RT41351	MICRO IRRIGATION ENGINEERING	15	1	0
15A91A3544	RT41352	FARM MACHINERY AND EQUIPMENTS-II	10	13	0
15A91A3544	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	15	24	0
15A91A3544	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	11	3	0
15A91A3544	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	3	3	0
15A91A3544	RT41359	FOOD PACKAGING TECHNOLOGY	4	3	0
15A91A3544	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	10	27	2
15A91A3544	RT4135M	DAIRY AND FOOD ENGINEERING LAB	14	34	2
15A91A3546	RT41351	MICRO IRRIGATION ENGINEERING	25	37	3
15A91A3546	RT41352	FARM MACHINERY AND EQUIPMENTS-II	19	51	3
15A91A3546	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	22	42	3

Htno	Subcode	Subname	Internal	External	Credits
15A91A3546	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	19	47	3
15A91A3546	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	23	26	3
15A91A3546	RT41359	FOOD PACKAGING TECHNOLOGY	18	40	3
15A91A3546	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	20	48	2
15A91A3546	RT4135M	DAIRY AND FOOD ENGINEERING LAB	23	40	2
15A91A3547	RT41351	MICRO IRRIGATION ENGINEERING	23	56	3
15A91A3547	RT41352	FARM MACHINERY AND EQUIPMENTS-II	24	49	3
15A91A3547	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	21	47	3
15A91A3547	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	22	56	3
15A91A3547	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	24	35	3
15A91A3547	RT41359	FOOD PACKAGING TECHNOLOGY	22	36	3
15A91A3547	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	24	49	2
15A91A3547	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	47	2
15A91A3548	RT41351	MICRO IRRIGATION ENGINEERING	24	43	3
15A91A3548	RT41352	FARM MACHINERY AND EQUIPMENTS-II	17	55	3
15A91A3548	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	22	55	3
15A91A3548	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	22	54	3
15A91A3548	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	21	35	3
15A91A3548	RT41359	FOOD PACKAGING TECHNOLOGY	24	43	3
15A91A3548	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	23	48	2
15A91A3548	RT4135M	DAIRY AND FOOD ENGINEERING LAB	24	43	2
15A91A3549	RT41351	MICRO IRRIGATION ENGINEERING	26	59	3
15A91A3549	RT41352	FARM MACHINERY AND EQUIPMENTS-II	27	56	3
15A91A3549	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	26	64	3
15A91A3549	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	26	60	3
15A91A3549	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	26	43	3
15A91A3549	RT41359	FOOD PACKAGING TECHNOLOGY	26	54	3
15A91A3549	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	24	49	2
15A91A3549	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	49	2
15A91A3550	RT41351	MICRO IRRIGATION ENGINEERING	23	42	3
15A91A3550	RT41352	FARM MACHINERY AND EQUIPMENTS-II	23	44	3
15A91A3550	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	25	44	3
15A91A3550	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	22	47	3
15A91A3550	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	23	35	3
15A91A3550	RT41358	WATERSHED MANAGEMENT	21	35	3
15A91A3550	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	21	44	2
15A91A3550	RT4135M	DAIRY AND FOOD ENGINEERING LAB	20	43	2
15A95A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	13	0
15A95A0212	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	46	3
15A95A0213	RT41024	HVAC AND DC TRANSMISSION	25	35	3
15A95A0338	RT41033	FINITE ELEMENT METHODS	21	9	0
15A95A0338	RT41036	NANO TECHNOLOGY	21	44	3
15A95A0406	RT41043	DIGITAL IMAGE PROCESSING	8	9	0
15A95A0410	RT41043	DIGITAL IMAGE PROCESSING	13	5	0
15A95A0420	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	30	3
15A95A0433	RT41043	DIGITAL IMAGE PROCESSING	28	16	0
15A95A0439	RT41041	VLSI DESIGN	25	26	3
15A95A0443	RT41048	RADAR SYSTEMS	17	17	0
15A95A0443	RT4104A	OPTICAL COMMUNICATION	23	23	0
15A95A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	29	3
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Htno	Subcode	Subname	Internal	External	Credits
15A95A0507	RT41052	UML AND DESIGN PATTERNS	15	26	3
15A95A0510	RT41052	UML AND DESIGN PATTERNS	20	30	3
15A95A0518	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	29	3
15A95A0520	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	33	3
15A95A0520	RT41052	UML AND DESIGN PATTERNS	27	34	3
15A95A0520	RT41053	MOBILE COMPUTING	25	41	3
15A95A0520	RT41057	ARTIFICIAL INTELLIGENCE	27	34	3
15A95A0520	RT4105A	DIGITAL FORENSICS	23	36	3
15A95A0520	RT4105L	UML AND DESIGN PATTERNS LAB	16	40	2
15A95A0520	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A95A0520	RT4105N	SOFTWARE TESTING LAB	22	42	2
15A95A0520	RT41050	HADOOP AND BIGDATA LAB	19	40	2
15A95A2602	RT41261	MINE ECONOMICS	17	26	3
15A95A2606	RT41261	MINE ECONOMICS	7	20	0
15A95A2607	RT41263	ROCK MECHANICS AND GROUND CONTROL	20	42	3
16A95A0101	RT41011	ENVIRONMENTAL ENGINEERING- II	27	51	3
16A95A0101	RT41012	PRESTRESSED CONCRETE	28	45	3
16A95A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	67	3
16A95A0101	RT41014	WATER RESOURCES ENGINEERING - II	27	62	3
16A95A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	70	3
16A95A0101	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	55	3
16A95A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
16A95A0101	RT4101M	GIS AND CAD LAB	25	49	2
16A95A0102	RT41011	ENVIRONMENTAL ENGINEERING- II	22	31	3
16A95A0102	RT41012	PRESTRESSED CONCRETE	20	45	3
16A95A0102	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	40	3
16A95A0102	RT41014	WATER RESOURCES ENGINEERING - II	27	38	3
16A95A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	34	3
16A95A0102	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	36	3
16A95A0102	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	44	2
16A95A0102	RT4101M	GIS AND CAD LAB	16	42	2
16A95A0103	RT41011	ENVIRONMENTAL ENGINEERING- II	20	24	3
16A95A0103	RT41012	PRESTRESSED CONCRETE	20	32	3
16A95A0103	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	46	3
16A95A0103	RT41014	WATER RESOURCES ENGINEERING - II	19	36	3
16A95A0103	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	34	3
16A95A0103	RT41016	GROUND IMPROVEMENT TECHNIQUES	16	49	3
16A95A0103	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
16A95A0103	RT4101M	GIS AND CAD LAB	23	46	2
16A95A0104	RT41011	ENVIRONMENTAL ENGINEERING- II	20	34	3
16A95A0104	RT41012	PRESTRESSED CONCRETE	22	42	3
16A95A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	38	3
16A95A0104	RT41014	WATER RESOURCES ENGINEERING - II	21	24	3
16A95A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	49	3
16A95A0104	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	25	3
16A95A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0104	RT4101M	GIS AND CAD LAB	23	38	2
16A95A0105	RT41011	ENVIRONMENTAL ENGINEERING- II	23	37	3
16A95A0105	RT41012	PRESTRESSED CONCRETE	22	29	3
16A95A0105	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	47	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0105	RT41014	WATER RESOURCES ENGINEERING - II	24	52	3
16A95A0105	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	38	3
16A95A0105	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	36	3
16A95A0105	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	34	2
16A95A0105	RT4101M	GIS AND CAD LAB	13	37	2
16A95A0106	RT41011	ENVIRONMENTAL ENGINEERING- II	26	38	3
16A95A0106	RT41012	PRESTRESSED CONCRETE	22	43	3
16A95A0106	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	41	3
16A95A0106	RT41014	WATER RESOURCES ENGINEERING - II	26	41	3
16A95A0106	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	33	3
16A95A0106	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	8	0
16A95A0106	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0106	RT4101M	GIS AND CAD LAB	23	44	2
16A95A0107	RT41011	ENVIRONMENTAL ENGINEERING- II	17	29	3
16A95A0107	RT41012	PRESTRESSED CONCRETE	22	44	3
16A95A0107	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	40	3
16A95A0107	RT41014	WATER RESOURCES ENGINEERING - II	17	35	3
16A95A0107	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	42	3
16A95A0107	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	35	3
16A95A0107	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	34	2
16A95A0107	RT4101M	GIS AND CAD LAB	18	37	2
16A95A0108	RT41011	ENVIRONMENTAL ENGINEERING- II	28	48	3
16A95A0108	RT41012	PRESTRESSED CONCRETE	28	39	3
16A95A0108	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	61	3
16A95A0108	RT41014	WATER RESOURCES ENGINEERING - II	28	68	3
16A95A0108	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	62	3
16A95A0108	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	40	3
16A95A0108	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	50	2
16A95A0108	RT4101M	GIS AND CAD LAB	25	49	2
16A95A0109	RT41011	ENVIRONMENTAL ENGINEERING- II	21	46	3
16A95A0109	RT41012	PRESTRESSED CONCRETE	19	25	3
16A95A0109	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	58	3
16A95A0109	RT41014	WATER RESOURCES ENGINEERING - II	22	43	3
16A95A0109	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	69	3
16A95A0109	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	32	3
16A95A0109	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
16A95A0109	RT4101M	GIS AND CAD LAB	24	48	2
16A95A0110	RT41011	ENVIRONMENTAL ENGINEERING- II	20	29	3
16A95A0110	RT41012	PRESTRESSED CONCRETE	19	38	3
16A95A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	31	3
16A95A0110	RT41014	WATER RESOURCES ENGINEERING - II	23	31	3
16A95A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	38	3
16A95A0110	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	32	3
16A95A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0110	RT4101M	GIS AND CAD LAB	23	42	2
16A95A0111	RT41011	ENVIRONMENTAL ENGINEERING- II	28	42	3
16A95A0111	RT41012	PRESTRESSED CONCRETE	28	55	3
16A95A0111	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	37	3
16A95A0111	RT41014	WATER RESOURCES ENGINEERING - II	29	44	3
16A95A0111	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	70	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0111	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	44	3
16A95A0111	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
16A95A0111	RT4101M	GIS AND CAD LAB	25	50	2
16A95A0112	RT41011	ENVIRONMENTAL ENGINEERING- II	26	43	3
16A95A0112	RT41012	PRESTRESSED CONCRETE	27	39	3
16A95A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	57	3
16A95A0112	RT41014	WATER RESOURCES ENGINEERING - II	28	45	3
16A95A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	59	3
16A95A0112	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	41	3
16A95A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
16A95A0112	RT4101M	GIS AND CAD LAB	23	48	2
16A95A0113	RT41011	ENVIRONMENTAL ENGINEERING- II	22	56	3
16A95A0113	RT41012	PRESTRESSED CONCRETE	26	47	3
16A95A0113	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	63	3
16A95A0113	RT41014	WATER RESOURCES ENGINEERING - II	29	69	3
16A95A0113	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	70	3
16A95A0113	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	30	3
16A95A0113	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
16A95A0113	RT4101M	GIS AND CAD LAB	25	50	2
16A95A0114	RT41011	ENVIRONMENTAL ENGINEERING- II	24	35	3
16A95A0114	RT41012	PRESTRESSED CONCRETE	24	53	3
16A95A0114	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	49	3
16A95A0114	RT41014	WATER RESOURCES ENGINEERING - II	26	52	3
16A95A0114	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	33	3
16A95A0114	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	40	3
16A95A0114	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0114	RT4101M	GIS AND CAD LAB	20	46	2
16A95A0115	RT41011	ENVIRONMENTAL ENGINEERING- II	17	39	3
16A95A0115	RT41012	PRESTRESSED CONCRETE	18	43	3
16A95A0115	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	44	3
16A95A0115	RT41014	WATER RESOURCES ENGINEERING - II	21	42	3
16A95A0115	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	49	3
16A95A0115	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	48	3
16A95A0115	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
16A95A0115	RT4101M	GIS AND CAD LAB	21	44	2
16A95A0117	RT41011	ENVIRONMENTAL ENGINEERING- II	27	51	3
16A95A0117	RT41012	PRESTRESSED CONCRETE	23	48	3
16A95A0117	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	61	3
16A95A0117	RT41014	WATER RESOURCES ENGINEERING - II	30	43	3
16A95A0117	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	41	3
16A95A0117	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	46	3
16A95A0117	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	49	2
16A95A0117	RT4101M	GIS AND CAD LAB	23	42	2
16A95A0118	RT41011	ENVIRONMENTAL ENGINEERING- II	28	54	3
16A95A0118	RT41012	PRESTRESSED CONCRETE	25	39	3
16A95A0118	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	54	3
16A95A0118	RT41014	WATER RESOURCES ENGINEERING - II	21	56	3
16A95A0118	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	70	3
16A95A0118	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	48	3
16A95A0118	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
16A95A0118	RT4101M	GIS AND CAD LAB	23	34	2
16A95A0119	RT41011	ENVIRONMENTAL ENGINEERING- II	20	42	3
16A95A0119	RT41012	PRESTRESSED CONCRETE	16	34	3
16A95A0119	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	29	3
16A95A0119	RT41014	WATER RESOURCES ENGINEERING - II	16	16	0
16A95A0119	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	28	3
16A95A0119	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	8	0
16A95A0119	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0119	RT4101M	GIS AND CAD LAB	15	42	2
16A95A0120	RT41011	ENVIRONMENTAL ENGINEERING- II	21	34	3
16A95A0120	RT41012	PRESTRESSED CONCRETE	19	66	3
16A95A0120	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	39	3
16A95A0120	RT41014	WATER RESOURCES ENGINEERING - II	19	38	3
16A95A0120	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	53	3
16A95A0120	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	49	3
16A95A0120	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	44	2
16A95A0120	RT4101M	GIS AND CAD LAB	23	48	2
16A95A0121	RT41011	ENVIRONMENTAL ENGINEERING- II	17	41	3
16A95A0121	RT41012	PRESTRESSED CONCRETE	22	44	3
16A95A0121	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	49	3
16A95A0121	RT41014	WATER RESOURCES ENGINEERING - II	22	65	3
16A95A0121	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	33	3
16A95A0121	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	38	3
16A95A0121	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
16A95A0121	RT4101M	GIS AND CAD LAB	23	44	2
16A95A0122	RT41011	ENVIRONMENTAL ENGINEERING- II	25	55	3
16A95A0122	RT41012	PRESTRESSED CONCRETE	22	42	3
16A95A0122	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	38	3
16A95A0122	RT41014	WATER RESOURCES ENGINEERING - II	27	49	3
16A95A0122	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	70	3
16A95A0122	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	25	3
16A95A0122	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0122	RT4101M	GIS AND CAD LAB	14	36	2
16A95A0123	RT41011	ENVIRONMENTAL ENGINEERING- II	14	28	3
16A95A0123	RT41012	PRESTRESSED CONCRETE	17	28	3
16A95A0123	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	26	3
16A95A0123	RT41014	WATER RESOURCES ENGINEERING - II	18	29	3
16A95A0123	RT41015	REMOTE SENSING AND GIS APPLICATIONS	14	27	3
16A95A0123	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	24	3
16A95A0123	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
16A95A0123	RT4101M	GIS AND CAD LAB	22	41	2
16A95A0124	RT41011	ENVIRONMENTAL ENGINEERING- II	21	35	3
16A95A0124	RT41012	PRESTRESSED CONCRETE	19	51	3
16A95A0124	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	38	3
16A95A0124	RT41014	WATER RESOURCES ENGINEERING - II	19	28	3
16A95A0124	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	3	0
16A95A0124	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	44	3
16A95A0124	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0124	RT4101M	GIS AND CAD LAB	20	43	2
16A95A0125	RT41011	ENVIRONMENTAL ENGINEERING- II	20	27	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0125	RT41012	PRESTRESSED CONCRETE	20	41	3
16A95A0125	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	42	3
16A95A0125	RT41014	WATER RESOURCES ENGINEERING - II	20	53	3
16A95A0125	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	34	3
16A95A0125	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	33	3
16A95A0125	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	45	2
16A95A0125	RT4101M	GIS AND CAD LAB	19	41	2
16A95A0126	RT41011	ENVIRONMENTAL ENGINEERING- II	25	51	3
16A95A0126	RT41012	PRESTRESSED CONCRETE	25	46	3
16A95A0126	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	48	3
16A95A0126	RT41014	WATER RESOURCES ENGINEERING - II	24	59	3
16A95A0126	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	63	3
16A95A0126	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	32	3
16A95A0126	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	50	2
16A95A0126	RT4101M	GIS AND CAD LAB	25	48	2
16A95A0127	RT41011	ENVIRONMENTAL ENGINEERING- II	25	32	3
16A95A0127	RT41012	PRESTRESSED CONCRETE	16	49	3
16A95A0127	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	48	3
16A95A0127	RT41014	WATER RESOURCES ENGINEERING - II	28	36	3
16A95A0127	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	43	3
16A95A0127	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	43	3
16A95A0127	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	43	2
16A95A0127	RT4101M	GIS AND CAD LAB	22	41	2
16A95A0128	RT410111	ENVIRONMENTAL ENGINEERING- II	25	37	3
16A95A0128	RT41012	PRESTRESSED CONCRETE	16	50	3
16A95A0128	RT41012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	35	3
16A95A0128	RT41014	WATER RESOURCES ENGINEERING - II	23	28	3
16A95A0128	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	41	3
16A95A0128	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	45	3
16A95A0128	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	44	2
16A95A0128	RT4101M	GIS AND CAD LAB	19	39	2
16A95A0129	RT410111	ENVIRONMENTAL ENGINEERING- II	26	32	3
16A95A0129	RT41011	PRESTRESSED CONCRETE	27	44	3
16A95A0129	RT41012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	41	3
16A95A0129	RT41014	WATER RESOURCES ENGINEERING - II	27	45	3
16A95A0129	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	36	3
16A95A0129	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	34	3
16A95A0129	RT41010	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0129	RT4101M	GIS AND CAD LAB	25	49	2
16A95A0130	RT410111	ENVIRONMENTAL ENGINEERING- II	24	33	3
16A95A0130	RT41012	PRESTRESSED CONCRETE	29	38	3
16A95A0130	RT41012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	47	3
16A95A0130	RT41014	WATER RESOURCES ENGINEERING - II	24	56	3
16A95A0130	RT41014	REMOTE SENSING AND GIS APPLICATIONS	24	60	3
16A95A0130	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	27	3
16A95A0130	RT41010	ENVIRONMENTAL ENGINEERING LAB	24	48	2
16A95A0130	RT4101L	GIS AND CAD LAB	21	46	2
16A95A0131	RT410111	ENVIRONMENTAL ENGINEERING- II	25	36	3
16A95A0131	RT41011	PRESTRESSED CONCRETE	25	45	3
16A95A0131	RT41012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	37	3
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Htno	Subcode	Subname	Internal	External	Credits
16A95A0131	RT41014	WATER RESOURCES ENGINEERING - II	26	43	3
16A95A0131	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	30	3
16A95A0131	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	32	3
16A95A0131	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
16A95A0131	RT4101M	GIS AND CAD LAB	22	42	2
16A95A0132	RT41011	ENVIRONMENTAL ENGINEERING- II	19	42	3
16A95A0132	RT41012	PRESTRESSED CONCRETE	16	14	0
16A95A0132	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	30	3
16A95A0132	RT41014	WATER RESOURCES ENGINEERING - II	21	40	3
16A95A0132	RT41015	REMOTE SENSING AND GIS APPLICATIONS	14	28	3
16A95A0132	RT41016	GROUND IMPROVEMENT TECHNIQUES	16	40	3
16A95A0132	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	39	2
16A95A0132	RT4101M	GIS AND CAD LAB	13	39	2
16A95A0133	RT41011	ENVIRONMENTAL ENGINEERING- II	26	45	3
16A95A0133	RT41012	PRESTRESSED CONCRETE	28	49	3
16A95A0133	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	67	3
16A95A0133	RT41014	WATER RESOURCES ENGINEERING - II	29	70	3
16A95A0133	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	64	3
16A95A0133	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	40	3
16A95A0133	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0133	RT4101M	GIS AND CAD LAB	25	47	2
16A95A0134	RT41011	ENVIRONMENTAL ENGINEERING- II	24	42	3
16A95A0134	RT41012	PRESTRESSED CONCRETE	19	38	3
16A95A0134	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	30	3
16A95A0134	RT41014	WATER RESOURCES ENGINEERING - II	23	41	3
16A95A0134	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	60	3
16A95A0134	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	25	3
16A95A0134	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
16A95A0134	RT4101M	GIS AND CAD LAB	23	42	2
16A95A0135	RT41011	ENVIRONMENTAL ENGINEERING- II	21	36	3
16A95A0135	RT41012	PRESTRESSED CONCRETE	19	43	3
16A95A0135	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	43	3
16A95A0135	RT41014	WATER RESOURCES ENGINEERING - II	22	59	3
16A95A0135	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	29	3
16A95A0135	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	42	3
16A95A0135	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0135	RT4101M	GIS AND CAD LAB	21	46	2
16A95A0136	RT41011	ENVIRONMENTAL ENGINEERING- II	28	46	3
16A95A0136	RT41012	PRESTRESSED CONCRETE	26	44	3
16A95A0136	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	41	3
16A95A0136	RT41014	WATER RESOURCES ENGINEERING - II	30	40	3
16A95A0136	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	56	3
16A95A0136	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	57	3
16A95A0136	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	45	2
16A95A0136	RT4101M	GIS AND CAD LAB	25	49	2
16A95A0137	RT41011	ENVIRONMENTAL ENGINEERING- II	16	24	3
16A95A0137	RT41012	PRESTRESSED CONCRETE	7	26	0
16A95A0137	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	34	3
16A95A0137	RT41014	WATER RESOURCES ENGINEERING - II	23	24	3
16A95A0137	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	28	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0137	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	18	0
16A95A0137	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	44	2
16A95A0137	RT4101M	GIS AND CAD LAB	20	39	2
16A95A0138	RT41011	ENVIRONMENTAL ENGINEERING- II	27	57	3
16A95A0138	RT41012	PRESTRESSED CONCRETE	27	45	3
16A95A0138	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	54	3
16A95A0138	RT41014	WATER RESOURCES ENGINEERING - II	30	70	3
16A95A0138	RT41014	REMOTE SENSING AND GIS APPLICATIONS	28	64	3
16A95A0138	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	37	3
16A95A0138	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16A95A0138	RT4101M	GIS AND CAD LAB	25	48	2
16A95A0139	RT410111	ENVIRONMENTAL ENGINEERING- II	27	45	3
16A95A0139	RT41011	PRESTRESSED CONCRETE	26	47	3
16A95A0139	RT41012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	57	3
16A95A0139	RT41013	WATER RESOURCES ENGINEERING - II	29	46	3
16A95A0139	RT41014	REMOTE SENSING AND GIS APPLICATIONS	28	46	3
	RT41015	GROUND IMPROVEMENT TECHNIQUES	27	39	3
16A95A0139					
16A95A0139	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	43	2
16A95A0139	RT4101M	GIS AND CAD LAB	25	49	2
16A95A0140	RT41011	ENVIRONMENTAL ENGINEERING- II	21	38	3
16A95A0140	RT41012	PRESTRESSED CONCRETE	12	29	3
16A95A0140	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	34	3
16A95A0140	RT41014	WATER RESOURCES ENGINEERING - II	21	35	3
16A95A0140	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	27	3
16A95A0140	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	48	3
16A95A0140	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	39	2
16A95A0140 16A95A0141	RT4101M RT41011	GIS AND CAD LAB ENVIRONMENTAL ENGINEERING- II	16	38	2
			26	46	3
16A95A0141	RT41012	PRESTRESSED CONCRETE	24	50	3
16A95A0141	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	58	3
16A95A0141	RT41014	WATER RESOURCES ENGINEERING - II	24	63	3
16A95A0141	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	47	3
16A95A0141	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	47	3
16A95A0141	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
16A95A0141	RT4101M	GIS AND CAD LAB	25	49	2
16A95A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	31	3
16A95A0201	RT41022	HVAC AND DC TRANSMISSION	20	34	3
16A95A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	24	3
16A95A0201	RT41025	INSTRUMENTATION	14	26	3
16A95A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	41	3
16A95A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	42	2
16A95A0201	RT4102M	ELECTRICAL SIMULATION LAB	19	38	2
16A95A0201	RT4102N	POWER SYSTEMS LAB	18	35	2
16A95A0202	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	45	3
16A95A0202	RT41022	HVAC AND DC TRANSMISSION	26	31	3
16A95A0202	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	39	3
16A95A0202	RT41025	INSTRUMENTATION	17	30	3
16A95A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	35	3
16A95A0202	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
16A95A0202	RT4102M	ELECTRICAL SIMULATION LAB	19	38	2

16A95A0202 RT4102N	Htno	Subcode	Subname	Internal	External	Credits
16A95A0203	16A95A0202	RT4102N	POWER SYSTEMS LAB	22	38	2
16A95A0203	16A95A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	41	3
16A95A0203	16A95A0203	RT41022	HVAC AND DC TRANSMISSION	28	51	3
16A95A0203 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 24 46 3 16A95A0203 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 15 39 2 16A95A0203 RT4102N ELECTRICAL SIMULATION LAB 19 37 2 16A95A0204 RT4102N POWER SYSTEMS LAB 24 47 2 16A95A0204 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 20 33 3 16A95A0204 RT41023 POWER SYSTEM OPERATION AND CONTROL 25 43 3 16A95A0204 RT41025 INSTRUMENTATION 22 9 0 16A95A0204 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 47 2 16A95A0204 RT4102M ELECTRICAL SIMULATION LAB 20 40 2 16A95A0205 RT41021 POWER SYSTEMS LAB 21 36 2 16A95A0205 RT41021 HVAC AND DC TRANSMISSION 26 43 3 16A95A0205 RT41021 HVAC AND DC TRANSMISSION <td>16A95A0203</td> <td>RT41023</td> <td>POWER SYSTEM OPERATION AND CONTROL</td> <td>23</td> <td>38</td> <td>3</td>	16A95A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	38	3
16A95A0203 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 15 39 2 16A95A0203 RT4102M ELECTRICAL SIMULATION LAB 19 37 2 16A95A0204 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 20 33 3 16A95A0204 RT41022 HVAC AND DC TRANSMISSION 25 43 3 16A95A0204 RT41025 INSTRUMENTATION 22 9 0 16A95A0204 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 53 3 16A95A0204 RT4102M MICROPROCESSORS AND MICROCONTROLLERS LAB 17 47 2 16A95A0204 RT4102N MICROPROCESSORS AND MICROCONTROLLERS LAB 17 36 2 16A95A0205 RT41021 POWER SYSTEMS LAB 21 36 2 16A95A0205 RT41022 HVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 12 0 16A95A0205 RT41021 MICROP	16A95A0203	RT41025	INSTRUMENTATION	21	42	3
16A95A0203 RT4102M ELECTRICAL SIMULATION LAB 19 37 2 16A95A0203 RT4102N POWER SYSTEMS LAB 24 47 2 16A95A0204 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 20 33 3 16A95A0204 RT41023 HVAC AND DC TRANSMISSION 25 43 3 16A95A0204 RT41023 HOWER SYSTEM OPERATION AND CONTROL 26 43 3 16A95A0204 RT41021 INSTRUMENTATION 22 9 0 16A95A0204 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 17 47 2 16A95A0204 RT41021 HUNCA SYSTEMS LAB 20 40 2 16A95A0205 RT41021 POWER SYSTEMS LAB 21 36 2 16A95A0205 RT41021 HIVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41022 HIVAC AND DC TRANSMISSION 26 61 3 16A95A0205 RT41025 HIVAC SAND DC TRANSMISSION 22	16A95A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	46	3
16A95A0203 RT4102N POWER SYSTEMS LAB 24 47 2 16A95A0204 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 20 33 3 16A95A0204 RT41022 HVAC AND DC TRANSMISSION 25 43 3 16A95A0204 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 43 3 16A95A0204 RT41025 INSTRUMENTATION 22 9 0 16A95A0204 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 47 2 16A95A0204 RT4102M ELECTRICAL SIMULATION LAB 20 40 2 16A95A0205 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 21 33 3 16A95A0205 RT41022 HVAC AND D C TRANSMISSION 26 49 3 16A95A0205 RT41022 HVAC AND D C TRANSMISSION 26 49 3 16A95A0205 RT41029 HELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT41021 MICROPROCESSORS AND MIC	16A95A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	39	2
16A95A0204 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 20 33 3 16A95A0204 RT41022 HVAC AND DC TRANSMISSION 25 43 3 16A95A0204 RT41025 INSTRUMENTATION 22 9 0 16A95A0204 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 53 3 16A95A0204 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 17 47 2 16A95A0204 RT4102M ELECTRICAL SIMULATION LAB 20 40 2 16A95A0204 RT4102M POWER SYSTEMS LAB 21 36 2 16A95A0205 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 21 33 3 16A95A0205 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 21 33 3 16A95A0205 RT41021 POWER SYSTEM OPERATION AND CONTROL 24 12 0 16A95A0205 RT41025 INSTRUMENTATION 22 38 3 16A95A0205 RT4102L MICROPROCESSORS AND MIC	16A95A0203	RT4102M	ELECTRICAL SIMULATION LAB	19	37	2
16A95A0204 RT41022 HVAC AND DC TRANSMISSION 25 43 3 16A95A0204 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 43 3 16A95A0204 RT41025 INSTRUMENTATION 22 9 5 3 16A95A0204 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 47 2 16A95A0204 RT4102M MICROPROCESSORS AND MICROCONTROLLERS LAB 17 47 2 16A95A0204 RT4102M POWER SYSTEMS LAB 21 36 2 16A95A0205 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 21 33 3 16A95A0205 RT41021 POWER SYSTEM OPERATION AND CONTROL 24 12 0 16A95A0205 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 12 0 16A95A0205 RT41021 INSTRUMENTATION 22 38 3 16A95A0205 RT41022 BLECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT41021	16A95A0203	RT4102N	POWER SYSTEMS LAB	24	47	2
16A95A0204 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 43 3 16A95A0204 RT41025 INSTRUMENTATION 22 9 0 16A95A0204 RT41028 ELECTRICAL DISTRIBUTION SYSTEMS 26 53 3 16A95A0204 RT4102M ELECTRICAL SIMULATION LAB 17 47 2 16A95A0204 RT4102N ELECTRICAL SIMULATION LAB 20 40 2 16A95A0205 RT41021 POWER SYSTEM LAB 21 36 3 16A95A0205 RT41022 HVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 12 0 16A95A0205 RT41023 INSTRUMENTATION 22 38 3 16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT4102M MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT4102M POWER SYSTEMS LAB 19	16A95A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	33	3
16A95A0204 RT41025 INSTRUMENTATION 22 9 0 16A95A0204 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 53 3 3 3 3 3 3 3 3	16A95A0204	RT41022	HVAC AND DC TRANSMISSION	25	43	3
16A95A0204 RT41024 ELECTRICAL DISTRIBUTION SYSTEMS 26 53 3 16A95A0204 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 47 2 16A95A0204 RT4102N POWER SYSTEMS LAB 21 36 2 16A95A0205 RT41021 POWER SYSTEMS LAB 21 33 3 16A95A0205 RT41022 HVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41025 INSTRUMENTATION 22 38 3 16A95A0205 RT41025 INSTRUMENTATION 22 38 3 16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT41021 MICROPROCESSORS AND SYSTEMS 26 61 3 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41023 POWER SYSTEM OPERATION AND CONTROL <td>16A95A0204</td> <td>RT41023</td> <td>POWER SYSTEM OPERATION AND CONTROL</td> <td>26</td> <td>43</td> <td>3</td>	16A95A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	43	3
16A95A0204 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 47 2 16A95A0204 RT4102M ELECTRICAL SIMULATION LAB 20 40 2 16A95A0204 RT4102N POWER SYSTEMS LAB 21 36 2 16A95A0205 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 21 33 3 16A95A0205 RT41022 HVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41025 INSTRUMENTATION 22 38 3 16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0206 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41022	16A95A0204	RT41025	INSTRUMENTATION	22	9	
16A95A0204 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 47 2 16A95A0204 RT4102M ELECTRICAL SIMULATION LAB 20 40 2 16A95A0204 RT4102N POWER SYSTEMS LAB 21 36 2 16A95A0205 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 21 33 3 16A95A0205 RT41022 HVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41025 INSTRUMENTATION 22 38 3 16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0206 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41022	16A95A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	53	3
16A95A0204 RT4102M ELECTRICAL SIMULATION LAB 20 40 2 16A95A0204 RT4102N POWER SYSTEMS LAB 21 36 2 16A95A0205 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 21 33 3 16A95A0205 RT41022 HVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 12 0 16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 40 2 16A95A0206 RT41021 REMEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT4102	16A95A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	47	
16A95A0204 RT4102N POWER SYSTEMS LAB 21 36 2 16A95A0205 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 21 33 3 16A95A0205 RT41022 HVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41023 PIVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41025 INSTRUMENTATION 22 38 3 16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT4102M MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT4102N POWER SYSTEMS LAB 19 40 2 16A95A0206 RT4102N POWER SYSTEMS LAB 19 49 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41022 HVAC AND D C TRANSMISSION 28 37 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
16A95A0205 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 21 33 3 16A95A0205 RT41022 HVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 12 0 16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT4102M ELECTRICAL SIMULATION LAB 19 40 2 16A95A0206 RT4102N POWER SYSTEMS LAB 19 40 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41021 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41022 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT41029 ELECTRICA	16A95A0204	RT4102N	POWER SYSTEMS LAB		36	
16A95A0205 RT41022 HVAC AND DC TRANSMISSION 26 49 3 16A95A0205 RT41023 POWER SYSTEM OPERATION AND CONTROL 24 12 0 16A95A0205 RT41025 INSTRUMENTATION 22 38 3 16A95A0205 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 19 40 2 16A95A0206 RT4102L POWER SYSTEMS LAB 19 49 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41022 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 26 3 16A95A0206 RT41025 INSTRUMENTATION 19 28 3 16A95A0206 RT4102N MICROPROCESS	16A95A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	33	3
16A95A0205 RT41025 INSTRUMENTATION 22 38 3 16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT4102M ELECTRICAL SIMULATION LAB 19 40 2 16A95A0205 RT4102N POWER SYSTEMS LAB 19 49 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41021 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 26 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT41029 ELECTRICAL SIMULATION LAB 20 39 2 16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 21 47 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND		RT41022		26	49	
16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT4102M ELECTRICAL SIMULATION LAB 19 40 2 16A95A0205 RT4102N POWER SYSTEMS LAB 19 49 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41021 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 26 3 16A95A0206 RT41025 INSTRUMENTATION 19 28 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 45 2 16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102D POWER SYSTEMS						
16A95A0205 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 26 61 3 16A95A0205 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT4102M ELECTRICAL SIMULATION LAB 19 40 2 16A95A0205 RT4102N POWER SYSTEMS LAB 19 49 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41021 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 26 3 16A95A0206 RT41025 INSTRUMENTATION 19 28 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 45 2 16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102D POWER SYSTEMS						3
16A95A0205 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 21 36 2 16A95A0205 RT4102M ELECTRICAL SIMULATION LAB 19 40 2 16A95A0206 RT4102N POWER SYSTEMS LAB 19 49 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41022 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 26 3 16A95A0206 RT41025 INSTRUMENTATION 19 28 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 45 2 16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41022 HVAC AND						3
16A95A0205 RT4102M ELECTRICAL SIMULATION LAB 19 40 2 16A95A0205 RT4102N POWER SYSTEMS LAB 19 49 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41022 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 26 3 16A95A0206 RT41023 INSTRUMENTATION 19 28 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 45 2 16A95A0206 RT4102N POWER SYSTEMS LAB 21 47 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41022 INSTRUMENTATION <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
16A95A0205 RT4102N POWER SYSTEMS LAB 19 49 2 16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41022 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 26 3 16A95A0206 RT41025 INSTRUMENTATION 19 28 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 17 45 2 16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 27 3 16A95A0207 RT41029 ELECTRICAL DIST						
16A95A0206 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 38 3 16A95A0206 RT41022 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 26 3 16A95A0206 RT41025 INSTRUMENTATION 19 28 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 45 2 16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 47 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41029 ELECTRICAL DISTRIBUTION S		RT4102N				
16A95A0206 RT41022 HVAC AND DC TRANSMISSION 28 37 3 16A95A0206 RT41023 POWER SYSTEM OPERATION AND CONTROL 21 26 3 16A95A0206 RT41025 INSTRUMENTATION 19 28 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 45 2 16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 47 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 27 3 16A95A0207 RT41021 INSTRUMENTATION 24 34 3 16A95A0207 RT41021 MICROPROCESSORS AND MICROCONTROLLERS LAB 20 36 2 16A95A02007 RT4102M </td <td>16A95A0206</td> <td></td> <td>RENEWABLE ENERGY SOURCES AND SYSTEMS</td> <td></td> <td></td> <td>3</td>	16A95A0206		RENEWABLE ENERGY SOURCES AND SYSTEMS			3
16A95A0206 RT41025 INSTRUMENTATION 19 28 3 16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 45 2 16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0206 RT4102N POWER SYSTEMS LAB 21 47 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 27 3 16A95A0207 RT41025 INSTRUMENTATION 24 34 3 16A95A0207 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 39 3 16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 39 2 16A95A0208 RT4102N POWER SYSTEMS LAB	16A95A0206	RT41022	HVAC AND DC TRANSMISSION	28	37	3
16A95A0206 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 25 32 3 16A95A0206 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 45 2 16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0206 RT4102N POWER SYSTEMS LAB 21 47 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 27 3 16A95A0207 RT41025 INSTRUMENTATION 24 34 3 16A95A0207 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 39 3 16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOUR	16A95A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	26	3
16A95A0206 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 17 45 2 16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0206 RT4102N POWER SYSTEMS LAB 21 47 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41021 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 27 3 16A95A0207 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 39 3 16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 36 2 16A95A0207 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 <td< td=""><td>16A95A0206</td><td>RT41025</td><td>INSTRUMENTATION</td><td>19</td><td>28</td><td>3</td></td<>	16A95A0206	RT41025	INSTRUMENTATION	19	28	3
16A95A0206 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0206 RT4102N POWER SYSTEMS LAB 21 47 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 27 3 16A95A0207 RT41025 INSTRUMENTATION 24 34 3 16A95A0207 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 39 3 16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 39 2 16A95A0207 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41025 <t< td=""><td>16A95A0206</td><td>RT41029</td><td>ELECTRICAL DISTRIBUTION SYSTEMS</td><td>25</td><td>32</td><td>3</td></t<>	16A95A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	32	3
16A95A0206 RT4102N POWER SYSTEMS LAB 21 47 2 16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 27 3 16A95A0207 RT41025 INSTRUMENTATION 24 34 3 16A95A0207 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 39 3 16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 36 2 16A95A0207 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT4102b	16A95A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	45	2
16A95A0207 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 26 30 3 16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 27 3 16A95A0207 RT41025 INSTRUMENTATION 24 34 3 16A95A0207 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 39 3 16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 36 2 16A95A0207 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT4102L	16A95A0206	RT4102M	ELECTRICAL SIMULATION LAB	20	39	2
16A95A0207 RT41022 HVAC AND DC TRANSMISSION 29 53 3 16A95A0207 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 27 3 16A95A0207 RT41025 INSTRUMENTATION 24 34 3 16A95A0207 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 39 3 16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 36 2 16A95A0207 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102L <td>16A95A0206</td> <td>RT4102N</td> <td>POWER SYSTEMS LAB</td> <td>21</td> <td>47</td> <td>2</td>	16A95A0206	RT4102N	POWER SYSTEMS LAB	21	47	2
16A95A0207 RT41023 POWER SYSTEM OPERATION AND CONTROL 26 27 3 16A95A0207 RT41025 INSTRUMENTATION 24 34 3 16A95A0207 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 39 3 16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 36 2 16A95A0207 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4	16A95A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	30	3
16A95A0207 RT41025 INSTRUMENTATION 24 34 3 16A95A0207 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 39 3 16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 36 2 16A95A0207 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N	16A95A0207	RT41022	HVAC AND DC TRANSMISSION	29	53	3
16A95A0207 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 21 39 3 16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 36 2 16A95A0207 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	27	3
16A95A0207 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 20 36 2 16A95A0207 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0207	RT41025	INSTRUMENTATION	24	34	3
16A95A0207 RT4102M ELECTRICAL SIMULATION LAB 20 39 2 16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	39	3
16A95A0207 RT4102N POWER SYSTEMS LAB 21 45 2 16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	36	2
16A95A0208 RT41021 RENEWABLE ENERGY SOURCES AND SYSTEMS 27 34 3 16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0207	RT4102M	ELECTRICAL SIMULATION LAB	20	39	2
16A95A0208 RT41022 HVAC AND DC TRANSMISSION 29 50 3 16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0207	RT4102N	POWER SYSTEMS LAB	21	45	2
16A95A0208 RT41023 POWER SYSTEM OPERATION AND CONTROL 30 51 3 16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	34	3
16A95A0208 RT41025 INSTRUMENTATION 26 39 3 16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0208	RT41022	HVAC AND DC TRANSMISSION	29	50	3
16A95A0208 RT41029 ELECTRICAL DISTRIBUTION SYSTEMS 28 62 3 16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	51	3
16A95A0208 RT4102L MICROPROCESSORS AND MICROCONTROLLERS LAB 24 50 2 16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0208	RT41025	INSTRUMENTATION	26	39	3
16A95A0208 RT4102M ELECTRICAL SIMULATION LAB 21 50 2 16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	62	3
16A95A0208 RT4102N POWER SYSTEMS LAB 21 49 2	16A95A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
	16A95A0208	RT4102M	ELECTRICAL SIMULATION LAB	21	50	2
ACADEADOOD DEMONADI E ENERGY COURGES AND OVOTEMO	16A95A0208	RT4102N	POWER SYSTEMS LAB	21	49	2
TOASSAUZUS KT41UZT KENEWABLE ENEKGY SOURCES AND SYSTEMS 28 58 3	16A95A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	58	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0209	RT41022	HVAC AND DC TRANSMISSION	29	48	3
16A95A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	38	3
16A95A0209	RT41025	INSTRUMENTATION	25	41	3
16A95A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	70	3
16A95A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
16A95A0209	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
16A95A0209	RT4102N	POWER SYSTEMS LAB	24	45	2
16A95A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	41	3
16A95A0210	RT41022	HVAC AND DC TRANSMISSION	30	40	3
16A95A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	49	3
16A95A0210	RT41025	INSTRUMENTATION	26	43	3
16A95A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	49	3
16A95A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16A95A0210	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
16A95A0210	RT4102N	POWER SYSTEMS LAB	19	38	2
16A95A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	43	3
16A95A0211	RT41022	HVAC AND DC TRANSMISSION	29	47	3
16A95A0211	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	41	3
16A95A0211	RT41025	INSTRUMENTATION	29	40	3
16A95A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	56	3
16A95A0211	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
16A95A0211	RT4102M	ELECTRICAL SIMULATION LAB	24	50	2
16A95A0211	RT4102N	POWER SYSTEMS LAB	25	50	2
16A95A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	17	15	0
16A95A0212	RT41022	HVAC AND DC TRANSMISSION	22	24	3
16A95A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	24	3
16A95A0212	RT41025	INSTRUMENTATION	14	3	0
16A95A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	42	3
16A95A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	31	2
16A95A0212	RT4102M	ELECTRICAL SIMULATION LAB	20	38	2
16A95A0212	RT4102N	POWER SYSTEMS LAB	19	32	2
16A95A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	27	3
16A95A0213	RT41022	HVAC AND DC TRANSMISSION	23	31	3
16A95A0213	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	28	3
16A95A0213	RT41025	INSTRUMENTATION	16	0	0
16A95A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	43	3
16A95A0213	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	37	2
16A95A0213	RT4102M	ELECTRICAL SIMULATION LAB	16	45	2
16A95A0213	RT4102N	POWER SYSTEMS LAB	22	49	2
16A95A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	33	3
16A95A0214	RT41022	HVAC AND DC TRANSMISSION	17	36	3
16A95A0214	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	29	3
16A95A0214	RT41025	INSTRUMENTATION	13	27	3
16A95A0214	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	32	3
16A95A0214	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	30	2
16A95A0214	RT4102M	ELECTRICAL SIMULATION LAB	21	36	2
16A95A0214	RT4102N	POWER SYSTEMS LAB	21	47	2
16A95A0215	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	34	3
16A95A0215	RT41021	HVAC AND DC TRANSMISSION	28	48	3
16A95A0215	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	29	3
10/100/10210		1. J. L. C. C. L. C. L. C.			J

Htno	Subcode	Subname	Internal	External	Credits
16A95A0215	RT41025	INSTRUMENTATION	25	34	3
16A95A0215	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	46	3
16A95A0215	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	48	2
16A95A0215	RT4102M	ELECTRICAL SIMULATION LAB	23	48	2
16A95A0215	RT4102N	POWER SYSTEMS LAB	25	35	2
16A95A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	37	3
16A95A0216	RT41022	HVAC AND DC TRANSMISSION	25	31	3
16A95A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	50	3
16A95A0216	RT41025	INSTRUMENTATION	24	38	3
16A95A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	37	3
16A95A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	49	2
16A95A0216	RT4102M	ELECTRICAL SIMULATION LAB	21	38	2
16A95A0216	RT4102N	POWER SYSTEMS LAB	23	46	2
16A95A0217	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	33	3
16A95A0217	RT41022	HVAC AND DC TRANSMISSION	27	36	3
16A95A0217	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	24	3
16A95A0217	RT41025	INSTRUMENTATION	17	31	3
16A95A0217	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	41	3
16A95A0217	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	37	2
16A95A0217	RT4102M	ELECTRICAL SIMULATION LAB	23	40	2
16A95A0217	RT4102N	POWER SYSTEMS LAB	24	49	2
16A95A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	48	3
16A95A0218	RT41022	HVAC AND DC TRANSMISSION	30	42	3
16A95A0218	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	32	3
16A95A0218	RT41025	INSTRUMENTATION	27	33	3
16A95A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	35	3
16A95A0218	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	49	2
16A95A0218	RT4102M	ELECTRICAL SIMULATION LAB	22	47	2
16A95A0218	RT4102N	POWER SYSTEMS LAB	22	48	2
16A95A0219	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	36	3
16A95A0219	RT41022	HVAC AND DC TRANSMISSION	29	40	3
16A95A0219	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	39	3
16A95A0219	RT41025	INSTRUMENTATION	26	36	3
16A95A0219	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	59	3
16A95A0219	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	49	2
16A95A0219	RT4102M	ELECTRICAL SIMULATION LAB	20	50	2
16A95A0219	RT4102N	POWER SYSTEMS LAB	25	49	2
16A95A0220	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	64	3
16A95A0220	RT41022	HVAC AND DC TRANSMISSION	29	31	3
16A95A0220	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	59	3
16A95A0220	RT41025	INSTRUMENTATION	25	39	3
16A95A0220	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	54	3
16A95A0220	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	50	2
16A95A0220	RT4102M	ELECTRICAL SIMULATION LAB	20	48	2
16A95A0220	RT4102N	POWER SYSTEMS LAB	17	48	2
16A95A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	44	3
16A95A0221	RT41022	HVAC AND DC TRANSMISSION	25	40	3
16A95A0221	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	35	3
16A95A0221	RT41025	INSTRUMENTATION	23	39	3
16A95A0221	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	51	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0221	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	46	2
16A95A0221	RT4102L	ELECTRICAL SIMULATION LAB	19	44	2
16A95A0221	RT4102N	POWER SYSTEMS LAB	21	35	2
16A95A0222	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	37	3
16A95A0222	RT41022	HVAC AND DC TRANSMISSION	26	37	3
16A95A0222	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	29	3
16A95A0222	RT41025	INSTRUMENTATION	20	29	3
16A95A0222	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	31	3
16A95A0222	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
16A95A0222	RT4102L	ELECTRICAL SIMULATION LAB	20	50	2
16A95A0222	RT4102M	POWER SYSTEMS LAB	23	48	2
16A95A0223	RT4102N	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	28	3
16A95A0223	RT41021	HVAC AND DC TRANSMISSION	28	43	3
16A95A0223	RT41022	POWER SYSTEM OPERATION AND CONTROL	29	32	3
16A95A0223	RT41025	INSTRUMENTATION	30	34	3
16A95A0223	RT41025	ELECTRICAL DISTRIBUTION SYSTEMS	30	43	3
16A95A0223	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16A95A0223	RT4102M	ELECTRICAL SIMULATION LAB	24	45	2
16A95A0223	RT4102N	POWER SYSTEMS LAB	25	49	2
16A95A0224	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	46	3
16A95A0224	RT41022	HVAC AND DC TRANSMISSION	29	43	3
16A95A0224	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	32	3
16A95A0224	RT41025	INSTRUMENTATION	27	34	3
16A95A0224	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	61	3
16A95A0224	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
16A95A0224	RT4102M	ELECTRICAL SIMULATION LAB	20	49	2
16A95A0224	RT4102N	POWER SYSTEMS LAB	18	49	2
16A95A0225	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	38	3
16A95A0225	RT41022	HVAC AND DC TRANSMISSION	23	48	3
16A95A0225	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	30	3
16A95A0225	RT41025	INSTRUMENTATION	19	36	3
16A95A0225	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	44	3
16A95A0225	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	50	2
16A95A0225	RT4102M	ELECTRICAL SIMULATION LAB	20	39	2
16A95A0225	RT4102N	POWER SYSTEMS LAB	13	49	2
16A95A0226	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	44	3
16A95A0226	RT41022	HVAC AND DC TRANSMISSION	29	46	3
16A95A0226	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	51	3
16A95A0226	RT41025	INSTRUMENTATION	24	36	3
16A95A0226	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	54	3
16A95A0226	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
16A95A0226	RT4102M	ELECTRICAL SIMULATION LAB	22	42	2
16A95A0226	RT4102N	POWER SYSTEMS LAB	23	48	2
16A95A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	32	3
16A95A0227	RT41022	HVAC AND DC TRANSMISSION	23	46	3
16A95A0227	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	25	3
16A95A0227	RT41025	INSTRUMENTATION	22	36	3
16A95A0227	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	36	3
16A95A0227	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	43	2
16A95A0227	RT4102M	ELECTRICAL SIMULATION LAB	20	47	2

Htno	Subcode	Subname	Internal	External	Credits
16A95A0227	RT4102N	POWER SYSTEMS LAB	25	50	2
16A95A0228	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	31	3
16A95A0228	RT41022	HVAC AND DC TRANSMISSION	28	34	3
16A95A0228	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	41	3
16A95A0228	RT41025	INSTRUMENTATION	21	34	3
16A95A0228	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	55	3
16A95A0228	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
16A95A0228	RT4102M	ELECTRICAL SIMULATION LAB	22	41	2
16A95A0228	RT4102N	POWER SYSTEMS LAB	22	24	2
16A95A0229	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	30	3
16A95A0229	RT41022	HVAC AND DC TRANSMISSION	27	39	3
16A95A0229	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	12	0
16A95A0229	RT41025	INSTRUMENTATION	20	34	3
16A95A0229	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	48	3
16A95A0229	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	39	2
16A95A0229	RT4102M	ELECTRICAL SIMULATION LAB	20	45	2
16A95A0229	RT4102N	POWER SYSTEMS LAB	22	48	2
16A95A0230	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	31	3
16A95A0230	RT41022	HVAC AND DC TRANSMISSION	23	32	3
16A95A0230	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	24	3
16A95A0230	RT41025	INSTRUMENTATION	20	35	3
16A95A0230	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	35	3
16A95A0230	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	34	2
16A95A0230	RT4102M	ELECTRICAL SIMULATION LAB	23	42	2
16A95A0230	RT4102N	POWER SYSTEMS LAB	23	24	2
16A95A0231	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	36	3
16A95A0231	RT41022	HVAC AND DC TRANSMISSION	25	50	3
16A95A0231	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	38	3
16A95A0231	RT41025	INSTRUMENTATION	21	36	3
16A95A0231	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	36	3
16A95A0231	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	48	2
16A95A0231	RT4102M	ELECTRICAL SIMULATION LAB	20	30	2
16A95A0231	RT4102N	POWER SYSTEMS LAB	25	23	2
16A95A0232	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	48	3
16A95A0232	RT41022	HVAC AND DC TRANSMISSION	21	27	3
16A95A0232	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	24	3
16A95A0232	RT41025	INSTRUMENTATION	16	33	3
16A95A0232	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	46	3
16A95A0232	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
16A95A0232	RT4102M	ELECTRICAL SIMULATION LAB	20	47	2
16A95A0232	RT4102N	POWER SYSTEMS LAB	18	49	2
16A95A0233	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	36	3
16A95A0233	RT41022	HVAC AND DC TRANSMISSION	24	42	3
16A95A0233	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	32	3
16A95A0233	RT41025	INSTRUMENTATION	17	33	3
16A95A0233	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	35	3
16A95A0233	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	50	2
16A95A0233	RT4102M	ELECTRICAL SIMULATION LAB	20	44	2
16A95A0233	RT4102N	POWER SYSTEMS LAB	21	38	2
16A95A0234	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	29	3
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Htno	Subcode	Subname	Internal	External	Credits
16A95A0234	RT41022	HVAC AND DC TRANSMISSION	29	36	3
16A95A0234	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	34	3
16A95A0234	RT41025	INSTRUMENTATION	18	33	3
16A95A0234	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	50	3
16A95A0234	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	46	2
16A95A0234	RT4102M	ELECTRICAL SIMULATION LAB	20	48	2
16A95A0234	RT4102N	POWER SYSTEMS LAB	21	36	2
16A95A0235	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	29	3
16A95A0235	RT41022	HVAC AND DC TRANSMISSION	23	46	3
16A95A0235	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	33	3
16A95A0235	RT41025	INSTRUMENTATION	16	29	3
16A95A0235	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	40	3
16A95A0235	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	48	2
16A95A0235	RT4102M	ELECTRICAL SIMULATION LAB	20	47	2
16A95A0235	RT4102N	POWER SYSTEMS LAB	18	48	2
16A95A0236	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	63	3
16A95A0236	RT41022	HVAC AND DC TRANSMISSION	27	28	3
16A95A0236	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	42	3
16A95A0236	RT41025	INSTRUMENTATION	25	48	3
16A95A0236	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	54	3
16A95A0236	RT41025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
16A95A0236	RT4102L	ELECTRICAL SIMULATION LAB	20	48	2
16A95A0236	RT4102N	POWER SYSTEMS LAB	21	49	2
16A95A0237	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	35	3
16A95A0237	RT41021	HVAC AND DC TRANSMISSION	25	49	3
16A95A0237	RT41022	POWER SYSTEM OPERATION AND CONTROL	26	30	3
16A95A0237	RT41025	INSTRUMENTATION	24	35	3
16A95A0237	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	65	3
16A95A0237	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	47	2
16A95A0237	RT4102L	ELECTRICAL SIMULATION LAB	22	50	2
16A95A0237	RT4102N	POWER SYSTEMS LAB	24	49	2
16A95A0238	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	40	3
16A95A0238	RT41021	HVAC AND DC TRANSMISSION	28	37	3
16A95A0238	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	38	3
16A95A0238	RT41025	INSTRUMENTATION	27	32	3
16A95A0238	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	43	3
16A95A0238	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	49	2
16A95A0238	RT4102M	ELECTRICAL SIMULATION LAB	22	40	2
16A95A0238	RT4102N	POWER SYSTEMS LAB	21	49	2
16A95A0239	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	32	3
16A95A0239	RT41022	HVAC AND DC TRANSMISSION	22	42	3
16A95A0239	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	24	3
16A95A0239	RT41025	INSTRUMENTATION	16	39	3
16A95A0239	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	33	3
16A95A0239	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	39	2
16A95A0239	RT4102L	ELECTRICAL SIMULATION LAB	13	38	2
16A95A0239	RT4102N	POWER SYSTEMS LAB	22	24	2
16A95A0240	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	24	3
16A95A0240	RT41021	HVAC AND DC TRANSMISSION	25	24	3
16A95A0240	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	19	0
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Htno	Subcode	Subname	Internal	External	Credits
16A95A0240	RT41025	INSTRUMENTATION	22	14	0
16A95A0240	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	41	3
16A95A0240	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	38	2
16A95A0240	RT4102M	ELECTRICAL SIMULATION LAB	20	48	2
16A95A0240	RT4102N	POWER SYSTEMS LAB	19	46	2
16A95A0241	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	34	3
16A95A0241	RT41022	HVAC AND DC TRANSMISSION	29	31	3
16A95A0241	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	29	3
16A95A0241	RT41025	INSTRUMENTATION	20	33	3
16A95A0241	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	44	3
16A95A0241	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	37	2
16A95A0241	RT4102M	ELECTRICAL SIMULATION LAB	22	39	2
16A95A0241	RT4102N	POWER SYSTEMS LAB	22	46	2
16A95A0242	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	35	3
16A95A0242	RT41022	HVAC AND DC TRANSMISSION	26	43	3
16A95A0242	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	38	3
16A95A0242	RT41025	INSTRUMENTATION	18	30	3
16A95A0242	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	36	3
16A95A0242	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
16A95A0242	RT4102M	ELECTRICAL SIMULATION LAB	19	47	2
16A95A0242	RT4102N	POWER SYSTEMS LAB	18	40	2
16A95A0302	RT41031	AUTOMOBILE ENGINEERING	27	33	3
16A95A0302	RT41032	CAD / CAM	24	51	3
16A95A0302	RT41033	FINITE ELEMENT METHODS	19	16	0
16A95A0302	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	36	3
16A95A0302	RT41035	MEMS	24	28	3
16A95A0302	RT41039	AUTOMATION IN MANUFACTURING	27	34	3
16A95A0302	RT4103L	SIMULATION LAB	23	43	2
16A95A0302	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
16A95A0303	RT41031	AUTOMOBILE ENGINEERING	22	39	3
16A95A0303	RT41032	CAD / CAM	19	32	3
16A95A0303	RT41033	FINITE ELEMENT METHODS	20	16	0
16A95A0303	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	31	3
16A95A0303	RT41035	MEMS	18	38	3
16A95A0303	RT41039	AUTOMATION IN MANUFACTURING	18	32	3
16A95A0303	RT4103L	SIMULATION LAB	20	46	2
16A95A0303	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
16A95A0304	RT41031	AUTOMOBILE ENGINEERING	21	32	3
16A95A0304	RT41032	CAD / CAM	17	32	3
16A95A0304	RT41033	FINITE ELEMENT METHODS	22	34	3
16A95A0304	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	24	3
16A95A0304	RT41035	MEMS	22	36	3
16A95A0304	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	22	37	3
16A95A0304	RT4103L	SIMULATION LAB	21	43	2
16A95A0304	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A95A0305	RT41031	AUTOMOBILE ENGINEERING	26	43	3
16A95A0305	RT41032	CAD / CAM	19	51	3
16A95A0305	RT41033	FINITE ELEMENT METHODS	20	31	3
16A95A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	32	3
16A95A0305	RT41035	MEMS	25	38	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0305	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	36	3
16A95A0305	RT4103L	SIMULATION LAB	23	43	2
16A95A0305	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
16A95A0306	RT41031	AUTOMOBILE ENGINEERING	24	49	3
16A95A0306	RT41032	CAD / CAM	19	31	3
16A95A0306	RT41033	FINITE ELEMENT METHODS	20	29	3
16A95A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	29	3
16A95A0306	RT41035	MEMS	21	24	3
16A95A0306	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	17	35	3
16A95A0306	RT4103L	SIMULATION LAB	21	49	2
16A95A0306	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
16A95A0307	RT41031	AUTOMOBILE ENGINEERING	28	53	3
16A95A0307	RT41032	CAD / CAM	22	47	3
16A95A0307	RT41033	FINITE ELEMENT METHODS	26	55	3
16A95A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	50	3
16A95A0307	RT41035	MEMS	29	54	3
16A95A0307	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	56	3
16A95A0307	RT4103L	SIMULATION LAB	24	43	2
16A95A0307	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
16A95A0308	RT41031	AUTOMOBILE ENGINEERING	29	42	3
16A95A0308	RT41032	CAD / CAM	25	39	3
16A95A0308	RT41033	FINITE ELEMENT METHODS	26	37	3
16A95A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	32	3
16A95A0308	RT41035	MEMS	24	47	3
16A95A0308	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	47	3
16A95A0308	RT4103L	SIMULATION LAB	24	48	2
16A95A0308	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16A95A0309	RT41031	AUTOMOBILE ENGINEERING	23	56	3
16A95A0309	RT41032	CAD / CAM	17	49	3
16A95A0309	RT41033	FINITE ELEMENT METHODS	24	28	3
16A95A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	31	3
16A95A0309	RT41035	MEMS	21	38	3
16A95A0309	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	18	45	3
16A95A0309	RT4103L	SIMULATION LAB	23	45	2
16A95A0309	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A95A0310	RT41031	AUTOMOBILE ENGINEERING	26	46	3
16A95A0310	RT41032	CAD / CAM	23	34	3
16A95A0310	RT41033	FINITE ELEMENT METHODS	24	38	3
16A95A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	54	3
16A95A0310	RT41035	MEMS	25	42	3
16A95A0310	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	56	3
16A95A0310	RT4103L	SIMULATION LAB	24	48	2
16A95A0310	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
16A95A0311	RT41031	AUTOMOBILE ENGINEERING	23	24	3
16A95A0311	RT41032	CAD / CAM	18	24	3
16A95A0311	RT41033	FINITE ELEMENT METHODS	9	20	0
16A95A0311	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	33	3
16A95A0311	RT41035	MEMS	18	31	3
16A95A0311	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	16	34	3
16A95A0311	RT4103L	SIMULATION LAB	20	42	2

Htno	Subcode	Subname	Internal	External	Credits
16A95A0311	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A95A0312	RT41031	AUTOMOBILE ENGINEERING	24	38	3
16A95A0312	RT41032	CAD / CAM	19	38	3
16A95A0312	RT41033	FINITE ELEMENT METHODS	21	35	3
16A95A0312	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	34	3
16A95A0312	RT41035	MEMS	22	35	3
16A95A0312	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	34	3
16A95A0312	RT4103L	SIMULATION LAB	15	44	2
16A95A0312	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A95A0313	RT41031	AUTOMOBILE ENGINEERING	25	53	3
16A95A0313	RT41032	CAD / CAM	22	45	3
16A95A0313	RT41033	FINITE ELEMENT METHODS	22	28	3
16A95A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	31	3
16A95A0313	RT41035	MEMS	22	33	3
16A95A0313	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	46	3
16A95A0313	RT4103L	SIMULATION LAB	24	47	2
16A95A0313	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16A95A0314	RT41031	AUTOMOBILE ENGINEERING	27	51	3
16A95A0314	RT41032	CAD / CAM	22	33	3
16A95A0314	RT41033	FINITE ELEMENT METHODS	24	45	3
16A95A0314	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	33	3
16A95A0314	RT41035	MEMS	25	36	3
16A95A0314	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	46	3
16A95A0314	RT4103L	SIMULATION LAB	24	48	2
16A95A0314	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
16A95A0315	RT41031	AUTOMOBILE ENGINEERING	25	48	3
16A95A0315	RT41032	CAD / CAM	19	36	3
16A95A0315	RT41033	FINITE ELEMENT METHODS	22	30	3
16A95A0315	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	48	3
16A95A0315	RT41035	MEMS	21	43	3
16A95A0315	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	20	43	3
16A95A0315	RT4103L	SIMULATION LAB	20	46	2
16A95A0315	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
16A95A0316	RT41031	AUTOMOBILE ENGINEERING	22	37	3
16A95A0316	RT41032	CAD / CAM	22	39	3
16A95A0316	RT41033	FINITE ELEMENT METHODS	21	37	3
16A95A0316	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	37	3
16A95A0316	RT41035	MEMS	25	42	3
16A95A0316	RT41039	AUTOMATION IN MANUFACTURING	25	24	3
16A95A0316	RT4103L	SIMULATION LAB	18	43	2
16A95A0316	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16A95A0317	RT41031	AUTOMOBILE ENGINEERING	24	35	3
16A95A0317	RT41032	CAD / CAM	19	36	3
16A95A0317	RT41033	FINITE ELEMENT METHODS	18	34	3
16A95A0317	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	17	0
16A95A0317	RT41035	MEMS	20	35	3
16A95A0317	RT41039	AUTOMATION IN MANUFACTURING	23	41	3
16A95A0317	RT4103L	SIMULATION LAB	23	41	2
16A95A0317	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
16A95A0318	RT41031	AUTOMOBILE ENGINEERING	28	37	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0318	RT41032	CAD / CAM	20	27	3
16A95A0318	RT41033	FINITE ELEMENT METHODS	20	34	3
16A95A0318	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	35	3
16A95A0318	RT41035	MEMS	25	31	3
16A95A0318	RT41039	AUTOMATION IN MANUFACTURING	25	32	3
16A95A0318	RT4103L	SIMULATION LAB	22	44	2
16A95A0318	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A95A0319	RT41031	AUTOMOBILE ENGINEERING	23	47	3
16A95A0319	RT41032	CAD / CAM	21	35	3
16A95A0319	RT41033	FINITE ELEMENT METHODS	18	33	3
16A95A0319	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	33	3
16A95A0319	RT41035	MEMS	29	40	3
16A95A0319	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	36	3
16A95A0319	RT4103L	SIMULATION LAB	24	45	2
16A95A0319	RT4103M	DESIGN FABRICATION PROJECT	33	0	1
16A95A0320	RT41031	AUTOMOBILE ENGINEERING	24	47	3
16A95A0320	RT41032	CAD / CAM	22	48	3
16A95A0320	RT41033	FINITE ELEMENT METHODS	28	41	3
16A95A0320	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	41	3
16A95A0320	RT41035	MEMS	29	40	3
16A95A0320	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	43	3
16A95A0320	RT4103L	SIMULATION LAB	17	44	2
16A95A0320	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16A95A0321	RT41031	AUTOMOBILE ENGINEERING	27	50	3
16A95A0321	RT41032	CAD / CAM	17	44	3
16A95A0321	RT41033	FINITE ELEMENT METHODS	28	35	3
16A95A0321	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	35	3
16A95A0321	RT41036	NANO TECHNOLOGY	20	48	3
16A95A0321	RT41039	AUTOMATION IN MANUFACTURING	18	37	3
16A95A0321	RT4103L	SIMULATION LAB	25	38	2
16A95A0321	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16A95A0322	RT41031	AUTOMOBILE ENGINEERING	21	33	3
16A95A0322	RT41032	CAD / CAM	19	29	3
16A95A0322	RT41033	FINITE ELEMENT METHODS	20	36	3
16A95A0322	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	27	3
16A95A0322	RT41036	NANO TECHNOLOGY	14	44	3
16A95A0322	RT41039	AUTOMATION IN MANUFACTURING	16	24	3
16A95A0322	RT4103L	SIMULATION LAB	20	40	2
16A95A0322	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
16A95A0323	RT41031	AUTOMOBILE ENGINEERING	30	57	3
16A95A0323	RT41032	CAD / CAM	23	47	3
16A95A0323	RT41033	FINITE ELEMENT METHODS	28	44	3
16A95A0323	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	48	3
16A95A0323	RT41036	NANO TECHNOLOGY	21	62	3
16A95A0323	RT41039	AUTOMATION IN MANUFACTURING	21	36	3
16A95A0323	RT4103L	SIMULATION LAB	22	45	2
16A95A0323	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
16A95A0324	RT41031	AUTOMOBILE ENGINEERING	24	28	3
16A95A0324	RT41032	CAD / CAM	18	26	3
16A95A0324	RT41033	FINITE ELEMENT METHODS	25	35	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0324	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	27	3
16A95A0324	RT41036	NANO TECHNOLOGY	12	30	3
16A95A0324	RT41039	AUTOMATION IN MANUFACTURING	19	24	3
16A95A0324	RT4103L	SIMULATION LAB	20	35	2
16A95A0324	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16A95A0325	RT41031	AUTOMOBILE ENGINEERING	26	52	3
16A95A0325	RT41032	CAD / CAM	20	31	3
16A95A0325	RT41033	FINITE ELEMENT METHODS	27	37	3
16A95A0325	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	33	3
16A95A0325	RT41036	NANO TECHNOLOGY	20	43	3
16A95A0325	RT41039	AUTOMATION IN MANUFACTURING	16	40	3
16A95A0325	RT4103L	SIMULATION LAB	20	40	2
16A95A0325	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
16A95A0326	RT41031	AUTOMOBILE ENGINEERING	23	32	3
16A95A0326	RT41032	CAD / CAM	17	27	3
16A95A0326	RT41033	FINITE ELEMENT METHODS	24	26	3
16A95A0326	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	26	3
16A95A0326	RT41036	NANO TECHNOLOGY	11	42	3
16A95A0326	RT41039	AUTOMATION IN MANUFACTURING	12	28	3
16A95A0326	RT4103L	SIMULATION LAB	23	41	2
16A95A0326	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A95A0327	RT41031	AUTOMOBILE ENGINEERING	24	38	3
16A95A0327	RT41032	CAD / CAM	18	39	3
16A95A0327	RT41033	FINITE ELEMENT METHODS	22	30	3
16A95A0327	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	41	3
16A95A0327	RT41036	NANO TECHNOLOGY	17	39	3
16A95A0327	RT41039	AUTOMATION IN MANUFACTURING	15	33	3
16A95A0327	RT4103L	SIMULATION LAB	23	41	2
16A95A0327	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16A95A0328	RT41031	AUTOMOBILE ENGINEERING	25	36	3
16A95A0328	RT41032	CAD / CAM	20	33	3
16A95A0328	RT41033	FINITE ELEMENT METHODS	25	34	3
16A95A0328	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	24	3
16A95A0328	RT41036	NANO TECHNOLOGY	19	34	3
16A95A0328	RT41039	AUTOMATION IN MANUFACTURING	24	28	3
16A95A0328	RT4103L	SIMULATION LAB	24	37	2
16A95A0328	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16A95A0329	RT41031	AUTOMOBILE ENGINEERING	25	-1	0
16A95A0329	RT41032	CAD / CAM	17	35	3
16A95A0329	RT41033	FINITE ELEMENT METHODS	19	28	3
16A95A0329	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	16	0
16A95A0329	RT41036	NANO TECHNOLOGY	19	33	3
16A95A0329	RT41039	AUTOMATION IN MANUFACTURING	20	32	3
16A95A0329	RT4103L	SIMULATION LAB	18	38	2
16A95A0329	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A95A0330	RT41031	AUTOMOBILE ENGINEERING	26	37	3
16A95A0330	RT41032	CAD / CAM	19	27	3
16A95A0330	RT41033	FINITE ELEMENT METHODS	27	33	3
16A95A0330	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	27	3
16A95A0330	RT41036	NANO TECHNOLOGY	19	6	0

16A95A0330 RT41039 16A95A0330 RT4103L 16A95A0330 RT4103M 16A95A0331 RT41031 16A95A0331 RT41032 16A95A0331 RT41033	AUTOMATION IN MANUFACTURING SIMULATION LAB DESIGN FABRICATION PROJECT AUTOMOBILE ENGINEERING	24 24	24 45	3
16A95A0330 RT4103M 16A95A0331 RT41031 16A95A0331 RT41032	DESIGN FABRICATION PROJECT	24	1E	
16A95A0331 RT41031 16A95A0331 RT41032			40	2
16A95A0331 RT41032	AUTOMOBILE ENGINEERING	48	0	1
		23	24	3
16A95A0331 RT41033	CAD / CAM	16	0	0
	FINITE ELEMENT METHODS	23	0	0
16A95A0331 RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	34	3
16A95A0331 RT41036	NANO TECHNOLOGY	13	6	0
16A95A0331 RT41039	AUTOMATION IN MANUFACTURING	12	34	3
16A95A0331 RT4103L	SIMULATION LAB	22	-1	0
16A95A0331 RT4103M	DESIGN FABRICATION PROJECT	21	0	1
16A95A0332 RT41031	AUTOMOBILE ENGINEERING	25	40	3
16A95A0332 RT41032	CAD / CAM	18	31	3
16A95A0332 RT41033	FINITE ELEMENT METHODS	21	33	3
16A95A0332 RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	30	3
16A95A0332 RT41036	NANO TECHNOLOGY	13	33	3
16A95A0332 RT41039	AUTOMATION IN MANUFACTURING	13	27	3
16A95A0332 RT4103L	SIMULATION LAB	21	36	2
16A95A0332 RT4103M	DESIGN FABRICATION PROJECT	45	0	1
16A95A0333 RT41031	AUTOMOBILE ENGINEERING	30	67	3
16A95A0333 RT41032	CAD / CAM	21	52	3
16A95A0333 RT41033	FINITE ELEMENT METHODS	24	34	3
16A95A0333 RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	35	3
16A95A0333 RT41036	NANO TECHNOLOGY	17	38	3
16A95A0333 RT41039	AUTOMATION IN MANUFACTURING	24	39	3
16A95A0333 RT4103L	SIMULATION LAB	23	40	2
16A95A0333 RT4103M	DESIGN FABRICATION PROJECT	45	0	1
16A95A0334 RT41031	AUTOMOBILE ENGINEERING	24	44	3
16A95A0334 RT41032	CAD / CAM	22	28	3
16A95A0334 RT41033	FINITE ELEMENT METHODS	29	31	3
16A95A0334 RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	37	3
16A95A0334 RT41036	NANO TECHNOLOGY	16	61	3
16A95A0334 RT41039	AUTOMATION IN MANUFACTURING	24	25	3
16A95A0334 RT4103L	SIMULATION LAB	20	36	2
16A95A0334 RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16A95A0335 RT41031	AUTOMOBILE ENGINEERING	27	41	3
16A95A0335 RT41032	CAD / CAM	25	45	3
16A95A0335 RT41033	FINITE ELEMENT METHODS	27	40	3
16A95A0335 RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	48	3
16A95A0335 RT41036	NANO TECHNOLOGY	18	45	3
16A95A0335 RT41039	AUTOMATION IN MANUFACTURING	20	50	3
16A95A0335 RT4103L	SIMULATION LAB	22	41	2
16A95A0335 RT4103M	DESIGN FABRICATION PROJECT	47	0	1
16A95A0336 RT41031	AUTOMOBILE ENGINEERING	26	39	3
16A95A0336 RT41032	CAD / CAM	20	40	3
16A95A0336 RT41033	FINITE ELEMENT METHODS	28	35	3
16A95A0336 RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	27	3
16A95A0336 RT41036	NANO TECHNOLOGY	20	29	3
16A95A0336 RT41039	AUTOMATION IN MANUFACTURING	23	30	3
16A95A0336 RT4103L	SIMULATION LAB	21	38	2

Htno	Subcode	Subname	Internal	External	Credits
16A95A0336	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
16A95A0337	RT41031	AUTOMOBILE ENGINEERING	28	55	3
16A95A0337	RT41032	CAD / CAM	19	52	3
16A95A0337	RT41033	FINITE ELEMENT METHODS	25	28	3
16A95A0337	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	32	3
16A95A0337	RT41036	NANO TECHNOLOGY	15	39	3
16A95A0337	RT41039	AUTOMATION IN MANUFACTURING	25	40	3
16A95A0337	RT4103L	SIMULATION LAB	21	40	2
16A95A0337	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
16A95A0338	RT41031	AUTOMOBILE ENGINEERING	28	56	3
16A95A0338	RT41032	CAD / CAM	23	41	3
16A95A0338	RT41033	FINITE ELEMENT METHODS	27	34	3
16A95A0338	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	43	3
16A95A0338	RT41036	NANO TECHNOLOGY	17	47	3
16A95A0338	RT41039	AUTOMATION IN MANUFACTURING	24	34	3
16A95A0338	RT4103L	SIMULATION LAB	21	37	2
16A95A0338	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A95A0339	RT41031	AUTOMOBILE ENGINEERING	26	34	3
16A95A0339	RT41032	CAD / CAM	21	40	3
16A95A0339	RT41033	FINITE ELEMENT METHODS	26	24	3
16A95A0339	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	44	3
16A95A0339	RT41036	NANO TECHNOLOGY	15	51	3
16A95A0339	RT41039	AUTOMATION IN MANUFACTURING	17	44	3
16A95A0339	RT4103L	SIMULATION LAB	21	41	2
16A95A0339	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
16A95A0340	RT41031	AUTOMOBILE ENGINEERING	27	54	3
16A95A0340	RT41032	CAD / CAM	22	48	3
16A95A0340	RT41033	FINITE ELEMENT METHODS	27	42	3
16A95A0340	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	41	3
16A95A0340	RT41036	NANO TECHNOLOGY	20	46	3
16A95A0340	RT41039	AUTOMATION IN MANUFACTURING	24	46	3
16A95A0340	RT4103L	SIMULATION LAB	22	43	2
16A95A0340	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16A95A0341	RT41031	AUTOMOBILE ENGINEERING	26	66	3
16A95A0341	RT41032	CAD / CAM	22	59	3
16A95A0341	RT41033	FINITE ELEMENT METHODS	26	42	3
16A95A0341	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	38	3
16A95A0341	RT41036	NANO TECHNOLOGY	21	45	3
16A95A0341	RT41039	AUTOMATION IN MANUFACTURING	26	39	3
16A95A0341	RT4103L	SIMULATION LAB	19	39	2
16A95A0341	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
16A95A0342	RT41031	AUTOMOBILE ENGINEERING	23	36	3
16A95A0342	RT41032	CAD / CAM	16	32	3
16A95A0342	RT41033	FINITE ELEMENT METHODS	21	31	3
16A95A0342	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	38	3
16A95A0342	RT41035	MEMS	19	36	3
16A95A0342	RT41039	AUTOMATION IN MANUFACTURING	21	26	3
16A95A0342	RT4103L	SIMULATION LAB	19	49	2
16A95A0342	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
16A95A0343	RT41031	AUTOMOBILE ENGINEERING	20	53	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0343	RT41032	CAD / CAM	18	34	3
16A95A0343	RT41033	FINITE ELEMENT METHODS	22	30	3
16A95A0343	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	42	3
16A95A0343	RT41035	MEMS	19	31	3
16A95A0343	RT41039	AUTOMATION IN MANUFACTURING	17	37	3
16A95A0343	RT4103L	SIMULATION LAB	15	37	2
16A95A0343	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
16A95A0344	RT41031	AUTOMOBILE ENGINEERING	20	38	3
16A95A0344	RT41032	CAD / CAM	25	35	3
16A95A0344	RT41033	FINITE ELEMENT METHODS	25	36	3
16A95A0344	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	45	3
16A95A0344	RT41035	MEMS	19	45	3
16A95A0344	RT41039	AUTOMATION IN MANUFACTURING	29	35	3
16A95A0344	RT4103L	SIMULATION LAB	21	46	2
16A95A0344	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
16A95A0345	RT41031	AUTOMOBILE ENGINEERING	21	39	3
16A95A0345	RT41032	CAD / CAM	19	48	3
16A95A0345	RT41033	FINITE ELEMENT METHODS	17	30	3
16A95A0345	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	6	0
16A95A0345	RT41035	MEMS	16	35	3
16A95A0345	RT41039	AUTOMATION IN MANUFACTURING	23	31	3
16A95A0345	RT4103L	SIMULATION LAB	24	45	2
16A95A0345	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16A95A0346	RT41031	AUTOMOBILE ENGINEERING	21	37	3
16A95A0346	RT41032	CAD / CAM	11	38	3
16A95A0346	RT41033	FINITE ELEMENT METHODS	21	24	3
16A95A0346	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	32	3
16A95A0346	RT41035	MEMS	19	9	0
16A95A0346	RT41039	AUTOMATION IN MANUFACTURING	19	8	0
16A95A0346	RT4103L	SIMULATION LAB	23	46	2
16A95A0346	RT4103M	DESIGN FABRICATION PROJECT	25	0	1
16A95A0348	RT41031	AUTOMOBILE ENGINEERING	22	33	3
16A95A0348	RT41032	CAD / CAM	14	38	3
16A95A0348	RT41033	FINITE ELEMENT METHODS	21	33	3
16A95A0348	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	42	3
16A95A0348	RT41035	MEMS	15	33	3
16A95A0348	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	21	36	3
16A95A0348	RT4103L	SIMULATION LAB	12	35	2
16A95A0348	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
16A95A0349	RT41031	AUTOMOBILE ENGINEERING	25	49	3
16A95A0349	RT41032	CAD / CAM	24	45	3
16A95A0349	RT41033	FINITE ELEMENT METHODS	27	36	3
16A95A0349	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	40	3
16A95A0349	RT41035	MEMS	26	58	3
16A95A0349	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	44	3
16A95A0349	RT4103L	SIMULATION LAB	23	46	2
16A95A0349	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16A95A0350	RT41031	AUTOMOBILE ENGINEERING	25	34	3
16A95A0350	RT41032	CAD / CAM	21	41	3
16A95A0350	RT41033	FINITE ELEMENT METHODS	20	16	0

Htno	Subcode	Subname	Internal	External	Credits
16A95A0350	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	16	0
16A95A0350	RT41035	MEMS	18	37	3
16A95A0350	RT41039	AUTOMATION IN MANUFACTURING	19	28	3
16A95A0350	RT4103L	SIMULATION LAB	23	30	2
16A95A0350	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16A95A0351	RT41031	AUTOMOBILE ENGINEERING	23	44	3
16A95A0351	RT41032	CAD / CAM	16	33	3
16A95A0351	RT41033	FINITE ELEMENT METHODS	21	24	3
16A95A0351	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	28	3
16A95A0351	RT41035	MEMS	22	32	3
16A95A0351	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	44	3
16A95A0351	RT4103L	SIMULATION LAB	22	32	2
16A95A0351	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
16A95A0352	RT41031	AUTOMOBILE ENGINEERING	28	57	3
16A95A0352	RT41032	CAD / CAM	28	27	3
16A95A0352	RT41033	FINITE ELEMENT METHODS	29	39	3
16A95A0352	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	31	3
16A95A0352	RT41035	MEMS	27	43	3
16A95A0352	RT41039	AUTOMATION IN MANUFACTURING	28	46	3
16A95A0352	RT4103L	SIMULATION LAB	23	48	2
16A95A0352	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
16A95A0353	RT41031	AUTOMOBILE ENGINEERING	18	29	3
16A95A0353	RT41032	CAD / CAM	16	12	0
16A95A0353	RT41033	FINITE ELEMENT METHODS	18	0	0
16A95A0353	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	24	3
16A95A0353	RT41035	MEMS	17	18	0
16A95A0353	RT41039	AUTOMATION IN MANUFACTURING	17	25	3
16A95A0353	RT4103L	SIMULATION LAB	20	44	2
16A95A0353	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
16A95A0354	RT41031	AUTOMOBILE ENGINEERING	28	61	3
16A95A0354	RT41032	CAD / CAM	21	39	3
16A95A0354	RT41033	FINITE ELEMENT METHODS	26	44	3
16A95A0354	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	36	3
16A95A0354	RT41035	MEMS	26	51	3
16A95A0354	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	22	52	3
16A95A0354	RT4103L	SIMULATION LAB	21	44	2
16A95A0354	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16A95A0355	RT41031	AUTOMOBILE ENGINEERING	21	51	3
16A95A0355	RT41032	CAD / CAM	21	34	3
16A95A0355	RT41033	FINITE ELEMENT METHODS	21	13	0
16A95A0355	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	40	3
16A95A0355	RT41035	MEMS	20	36	3
16A95A0355	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	37	3
16A95A0355	RT4103L	SIMULATION LAB	23	42	2
16A95A0355	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
16A95A0356	RT41031	AUTOMOBILE ENGINEERING	18	31	3
16A95A0356	RT41032	CAD / CAM	13	15	0
16A95A0356	RT41033	FINITE ELEMENT METHODS	20	24	3
16A95A0356	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	41	3
16A95A0356	RT41035	MEMS	18	20	0

Htno	Subcode	Subname	Internal	External	Credits
16A95A0356	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	20	35	3
16A95A0356	RT4103L	SIMULATION LAB	23	45	2
16A95A0356	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
16A95A0357	RT41031	AUTOMOBILE ENGINEERING	22	35	3
16A95A0357	RT41032	CAD / CAM	15	37	3
16A95A0357	RT41033	FINITE ELEMENT METHODS	27	37	3
16A95A0357	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	39	3
16A95A0357	RT41035	MEMS	21	42	3
16A95A0357	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	21	47	3
16A95A0357	RT4103L	SIMULATION LAB	22	44	2
16A95A0357	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16A95A0358	RT41031	AUTOMOBILE ENGINEERING	25	57	3
16A95A0358	RT41032	CAD / CAM	16	45	3
16A95A0358	RT41033	FINITE ELEMENT METHODS	25	30	3
16A95A0358	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	31	3
16A95A0358	RT41035	MEMS	16	39	3
16A95A0358	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	34	3
16A95A0358	RT4103L	SIMULATION LAB	18	41	2
16A95A0358	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
16A95A0401	RT41041	VLSI DESIGN	17	30	3
16A95A0401	RT41042	COMPUTER NETWORKS	21	24	3
16A95A0401	RT41043	DIGITAL IMAGE PROCESSING	10	2	0
16A95A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	36	3
16A95A0401	RT41048	RADAR SYSTEMS	15	25	3
16A95A0401	RT4104A	OPTICAL COMMUNICATION	18	25	3
16A95A0401	RT4104L	V L S I LAB	19	30	2
16A95A0401	RT4104M	MICROWAVE ENGINEERING LAB	12	24	2
16A95A0402	RT41041	VLSI DESIGN	22	34	3
16A95A0402	RT41042	COMPUTER NETWORKS	22	36	3
16A95A0402	RT41043	DIGITAL IMAGE PROCESSING	25	26	3
16A95A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	29	3
16A95A0402	RT41048	RADAR SYSTEMS	18	38	3
16A95A0402	RT4104A	OPTICAL COMMUNICATION	26	32	3
16A95A0402	RT4104L	V L S I LAB	24	40	2
16A95A0402	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
16A95A0403	RT41041	VLSI DESIGN	24	34	3
16A95A0403	RT41042	COMPUTER NETWORKS	22	36	3
16A95A0403	RT41043	DIGITAL IMAGE PROCESSING	23	43	3
16A95A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	55	3
16A95A0403	RT41048	RADAR SYSTEMS	23	50	3
16A95A0403	RT4104A	OPTICAL COMMUNICATION	28	34	3
16A95A0403	RT4104L	V L S I LAB	23	48	2
16A95A0403	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
16A95A0405	RT41041	VLSI DESIGN	20	35	3
16A95A0405	RT41042	COMPUTER NETWORKS	20	24	3
16A95A0405	RT41043	DIGITAL IMAGE PROCESSING	14	10	0
16A95A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	54	3
16A95A0405	RT41048	RADAR SYSTEMS	23	30	3
16A95A0405	RT4104A	OPTICAL COMMUNICATION	26	34	3
16A95A0405	RT4104L	V L S I LAB	23	44	2

16A95A0406	Htno	Subcode	Subname	Internal	External	Credits
16A95A0406	16A95A0405	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
16A95A0406 RT41042 COMPUTER NETWORKS 25 33 3 16A95A0406 RT41043 DIGITAL IMAGE PROCESSING 25 30 3 16A95A0406 RT41048 ACOMPUTER ARCHITECTURE AND ORGANIZATION 26 45 3 16A95A0406 RT4104A OPTICAL COMMUNICATION 21 32 3 16A95A0406 RT4104M MICROWAVE ENGINEERING LAB 23 47 2 16A95A0407 RT4104M MICROWAVE ENGINEERING LAB 23 45 2 16A95A0407 RT41041 VL SI LAB 23 45 2 16A95A0407 RT41043 DIGITAL IMAGE PROCESSING 25 51 3 16A95A0407 RT41043 DIGITAL IMAGE PROCESSING 29 17 0 16A95A0407 RT41044 COMPUTER NETWORKS 25 54 3 16A95A0407 RT41044 COMPUTER NETWORKS 25 34 3 16A95A0408 RT41041 V. SI LAB 24 47 2 <						
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16A95A0406	16A95A0406		DIGITAL IMAGE PROCESSING			
16A95A0406 RT4104A RADAR SYSTEMS 18 39 3 16A95A0406 RT4104A OPTICAL COMMUNICATION 21 32 3 16A95A0406 RT4104M MICROWAVE ENGINEERING LAB 23 47 2 16A95A0407 RT41041 MICROWAVE ENGINEERING LAB 23 45 2 16A95A0407 RT41042 VLSI DESIGN 22 45 3 16A95A0407 RT41043 DIGITAL IMAGE PROCESSING 29 17 0 16A95A0407 RT41044 COMPUTER RETWORKS 25 51 3 16A95A0407 RT4104A OPTICAL COMMUNICATION 25 55 3 16A95A0407 RT4104A OPTICAL COMMUNICATION 25 42 3 16A95A0408 RT41041 VL S I LAB 24 47 2 16A95A0408 RT41041 VLS I LAB 24 47 2 16A95A0408 RT41042 COMPUTER NETWORKS 22 36 3 16A95A0408						
16A95A0406 RT4104A OPTICAL COMMUNICATION 21 32 3 16A95A0406 RT4104L VL S LLAB 23 47 2 16A95A0406 RT4104N MICROWAVE ENGINEERING LAB 23 45 2 16A95A0407 RT41041 VLSI DESIGN 22 45 3 16A95A0407 RT41043 DIGITAL IMAGE PROCESSING 29 17 0 16A95A0407 RT41043 DIGITAL IMAGE PROCESSING 29 17 0 16A95A0407 RT4104A COMPUTER ARCHITECTURE AND ORGANIZATION 25 50 3 16A95A0407 RT4104A POTICAL COMMUNICATION 25 42 3 16A95A0407 RT4104A POTICAL COMMUNICATION 25 42 3 16A95A0408 RT4104A VL S I LAB 24 49 2 16A95A0408 RT41041 VLS I LAB 24 47 2 16A95A0408 RT41043 DIGITAL IMAGE PROCESSING 23 12 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
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16A95A0406 RT4104M MICROWAVE ENGINEERING LAB 23 45 2 16A95A0407 RT41041 VLSI DESIGN 22 45 3 16A95A0407 RT41043 DIGITAL IMAGE PROCESSING 25 51 3 16A95A0407 RT41043 DIGITAL IMAGE PROCESSING 29 17 0 16A95A0407 RT41048 RADAR SYSTEMS 25 54 3 16A95A0407 RT41048 RADAR SYSTEMS 25 34 3 16A95A0407 RT41044 OPTICAL COMMUNICATION 25 42 3 16A95A0407 RT4104M MICROWAVE ENGINEERING LAB 24 49 2 16A95A0408 RT41044 VL SI LAB 24 47 2 16A95A0408 RT41044 VLSI DESIGN 23 35 3 16A95A0408 RT41043 DIGITAL IMAGE PROCESSING 23 12 0 16A95A0408 RT41044 RADAR SYSTEMS 17 40 3 16A95A0408						
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16A95A0407 RT4104A RADAR SYSTEMS 25 34 3 16A95A0407 RT4104A OPTICAL COMMUNICATION 25 42 3 16A95A0407 RT4104L VL S I LAB 24 49 2 16A95A0408 RT41041 VLSI DESIGN 23 35 3 16A95A0408 RT41042 COMPUTER NETWORKS 22 36 3 16A95A0408 RT41043 DIGITAL IMAGE PROCESSING 23 12 0 16A95A0408 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 23 50 3 16A95A0408 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 23 12 0 16A95A0408 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 21 29 3 16A95A0408 RT41044 OPTICAL COMMUNICATION 21 29 3 16A95A0408 RT4104M MICROWAVE ENGINEERING LAB 20 46 2 16A95A0409 RT41041 VLSI DESIGN 25 39 3						3
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16A95A0407 RT4104M MICROWAVE ENGINEERING LAB 24 47 2 16A95A0408 RT41041 VLSI DESIGN 23 35 3 16A95A0408 RT41042 COMPUTER NETWORKS 22 36 3 16A95A0408 RT41043 DIGITAL IMAGE PROCESSING 23 12 0 16A95A0408 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 23 50 3 16A95A0408 RT41044 OPTICAL COMMUNICATION 21 29 3 16A95A0408 RT4104L OPTICAL COMMUNICATION 21 29 3 16A95A0408 RT4104L V L S I LAB 23 48 2 16A95A0409 RT4104L VLSI DESIGN 25 39 3 16A95A0409 RT4104L VLSI DESIGN 25 39 3 16A95A0409 RT4104L COMPUTER NETWORKS 24 33 3 16A95A0409 RT4104L COMPUTER NETWORKS 23 24 3 16A95A0409<						
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16A95A0408 RT41048 RADAR SYSTEMS 17 40 3 16A95A0408 RT4104A OPTICAL COMMUNICATION 21 29 3 16A95A0408 RT4104L VL S I LAB 23 48 2 16A95A0409 RT4104M MICROWAVE ENGINEERING LAB 20 46 2 16A95A0409 RT41041 VLSI DESIGN 25 39 3 16A95A0409 RT41043 DIGITAL IMAGE PROCESSING 24 33 3 16A95A0409 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 54 3 16A95A0409 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 54 3 16A95A0409 RT4104A OPTICAL COMMUNICATION 24 32 3 16A95A0409 RT4104M MICROWAVE ENGINEERING LAB 23 45 2 16A95A0410 RT41041 VLS I DESIGN 21 17 0 16A95A0410 RT41044 VLSI LAB 16A95A0410 RT41044 COMPUTER NETWO						
16A95A0408 RT4104A OPTICAL COMMUNICATION 21 29 3 16A95A0408 RT4104L V L S I LAB 23 48 2 16A95A0408 RT4104M MICROWAVE ENGINEERING LAB 20 46 2 16A95A0409 RT41041 VLSI DESIGN 25 39 3 16A95A0409 RT41042 COMPUTER NETWORKS 24 33 3 16A95A0409 RT41043 DIGITAL IMAGE PROCESSING 23 24 3 16A95A0409 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 54 3 16A95A0409 RT4104A COMPUTER ARCHITECTURE AND ORGANIZATION 28 54 3 16A95A0409 RT4104A OPTICAL COMMUNICATION 24 32 3 16A95A0409 RT4104L V L S I LAB 24 48 2 16A95A0409 RT4104L V L S I LAB 23 45 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 21 17 0						
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16A95A0408 RT4104M MICROWAVE ENGINEERING LAB 20 46 2 16A95A0409 RT41041 VLSI DESIGN 25 39 3 16A95A0409 RT41042 COMPUTER NETWORKS 24 33 3 16A95A0409 RT41043 DIGITAL IMAGE PROCESSING 23 24 3 16A95A0409 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 54 3 16A95A0409 RT41048 RADAR SYSTEMS 23 27 3 16A95A0409 RT4104A OPTICAL COMMUNICATION 24 32 3 16A95A0409 RT4104L V L S I LAB 24 48 2 16A95A0409 RT4104H MICROWAVE ENGINEERING LAB 23 45 2 16A95A0410 RT41041 VLSI DESIGN 21 17 0 16A95A0410 RT41042 COMPUTER NETWORKS 17 27 3 16A95A0410 RT41043 DIGITAL IMAGE PROCESSING 15 13 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
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16A95A0409 RT41042 COMPUTER NETWORKS 24 33 3 16A95A0409 RT41043 DIGITAL IMAGE PROCESSING 23 24 3 16A95A0409 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 54 3 16A95A0409 RT41048 RADAR SYSTEMS 23 27 3 16A95A0409 RT4104A OPTICAL COMMUNICATION 24 32 3 16A95A0409 RT4104L V L S I LAB 24 48 2 16A95A0409 RT4104L V L S I LAB 24 48 2 16A95A0409 RT4104M MICROWAVE ENGINEERING LAB 23 45 2 16A95A0410 RT41041 VLSI DESIGN 21 17 0 16A95A0410 RT41042 COMPUTER NETWORKS 17 27 3 16A95A0410 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 27 3 16A95A0410 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 14 7 0 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12						
16A95A0409 RT41043 DIGITAL IMAGE PROCESSING 23 24 3 16A95A0409 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 28 54 3 16A95A0409 RT41048 RADAR SYSTEMS 23 27 3 16A95A0409 RT4104A OPTICAL COMMUNICATION 24 32 3 16A95A0409 RT4104L V L S I LAB 24 48 2 16A95A0409 RT4104M MICROWAVE ENGINEERING LAB 23 45 2 16A95A0410 RT41041 VLSI DESIGN 21 17 0 16A95A0410 RT41042 COMPUTER NETWORKS 17 27 3 16A95A0410 RT41043 DIGITAL IMAGE PROCESSING 15 13 0 16A95A0410 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 27 3 16A95A0410 RT4104A OPTICAL COMMUNICATION 14 7 0 16A95A0410 RT4104B MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLS I LAB 23 47						
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16A95A0409 RT4104A RADAR SYSTEMS 23 27 3 16A95A0409 RT4104A OPTICAL COMMUNICATION 24 32 3 16A95A0409 RT4104L V L S I LAB 24 48 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 23 45 2 16A95A0410 RT41041 VLSI DESIGN 21 17 0 16A95A0410 RT41042 COMPUTER NETWORKS 17 27 3 16A95A0410 RT41043 DIGITAL IMAGE PROCESSING 15 13 0 16A95A0410 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 27 3 16A95A0410 RT41048 RADAR SYSTEMS 14 26 3 16A95A0410 RT4104A OPTICAL COMMUNICATION 14 7 0 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLSI DESIGN 21 27 3						
16A95A0409 RT4104L V L S I LAB 24 48 2 16A95A0409 RT4104M MICROWAVE ENGINEERING LAB 23 45 2 16A95A0410 RT41041 VLSI DESIGN 21 17 0 16A95A0410 RT41042 COMPUTER NETWORKS 17 27 3 16A95A0410 RT41043 DIGITAL IMAGE PROCESSING 15 13 0 16A95A0410 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 27 3 16A95A0410 RT41048 RADAR SYSTEMS 14 26 3 16A95A0410 RT4104A OPTICAL COMMUNICATION 14 7 0 16A95A0410 RT4104L V L S I LAB 23 47 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3		RT41048		23		
16A95A0409 RT4104M MICROWAVE ENGINEERING LAB 23 45 2 16A95A0410 RT41041 VLSI DESIGN 21 17 0 16A95A0410 RT41042 COMPUTER NETWORKS 17 27 3 16A95A0410 RT41043 DIGITAL IMAGE PROCESSING 15 13 0 16A95A0410 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 27 3 16A95A0410 RT41048 RADAR SYSTEMS 14 26 3 16A95A0410 RT4104A OPTICAL COMMUNICATION 14 7 0 16A95A0410 RT4104L V L S I LAB 23 47 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLSI DESIGN 21 27 3 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28	16A95A0409	RT4104A	OPTICAL COMMUNICATION	24	32	3
16A95A0410 RT41041 VLSI DESIGN 21 17 0 16A95A0410 RT41042 COMPUTER NETWORKS 17 27 3 16A95A0410 RT41043 DIGITAL IMAGE PROCESSING 15 13 0 16A95A0410 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 27 3 16A95A0410 RT41048 RADAR SYSTEMS 14 26 3 16A95A0410 RT4104A OPTICAL COMMUNICATION 14 7 0 16A95A0410 RT4104L V L S I LAB 23 47 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLSI DESIGN 21 27 3 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3	16A95A0409		V L S I LAB	24		
16A95A0410 RT41041 VLSI DESIGN 21 17 0 16A95A0410 RT41042 COMPUTER NETWORKS 17 27 3 16A95A0410 RT41043 DIGITAL IMAGE PROCESSING 15 13 0 16A95A0410 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 27 3 16A95A0410 RT41048 RADAR SYSTEMS 14 26 3 16A95A0410 RT4104A OPTICAL COMMUNICATION 14 7 0 16A95A0410 RT4104L V L S I LAB 23 47 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLSI DESIGN 21 27 3 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3	16A95A0409	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
16A95A0410 RT41043 DIGITAL IMAGE PROCESSING 15 13 0 16A95A0410 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 27 3 16A95A0410 RT41048 RADAR SYSTEMS 14 26 3 16A95A0410 RT4104A OPTICAL COMMUNICATION 14 7 0 16A95A0410 RT4104L V L S I LAB 23 47 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLSI DESIGN 21 27 3 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28 3 16A95A0411 RT4104B RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3	16A95A0410	RT41041	VLSI DESIGN	21	17	0
16A95A0410 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 27 3 16A95A0410 RT41048 RADAR SYSTEMS 14 26 3 16A95A0410 RT4104A OPTICAL COMMUNICATION 14 7 0 16A95A0410 RT4104L V L S I LAB 23 47 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLSI DESIGN 21 27 3 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28 3 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0410	RT41042	COMPUTER NETWORKS	17	27	3
16A95A0410 RT41048 RADAR SYSTEMS 14 26 3 16A95A0410 RT4104A OPTICAL COMMUNICATION 14 7 0 16A95A0410 RT4104L V L S I LAB 23 47 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLSI DESIGN 21 27 3 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28 3 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0410	RT41043	DIGITAL IMAGE PROCESSING	15	13	0
16A95A0410 RT4104A OPTICAL COMMUNICATION 14 7 0 16A95A0410 RT4104L V L S I LAB 23 47 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLSI DESIGN 21 27 3 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28 3 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0410	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	27	3
16A95A0410 RT4104L V L S I LAB 23 47 2 16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLSI DESIGN 21 27 3 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28 3 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0410	RT41048	RADAR SYSTEMS	14	26	3
16A95A0410 RT4104M MICROWAVE ENGINEERING LAB 12 40 2 16A95A0411 RT41041 VLSI DESIGN 21 27 3 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28 3 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0410	RT4104A	OPTICAL COMMUNICATION	14	7	0
16A95A0411 RT41041 VLSI DESIGN 21 27 3 16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28 3 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0410	RT4104L	V L S I LAB	23	47	2
16A95A0411 RT41042 COMPUTER NETWORKS 19 38 3 16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28 3 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0410	RT4104M	MICROWAVE ENGINEERING LAB	12	40	2
16A95A0411 RT41043 DIGITAL IMAGE PROCESSING 23 14 0 16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28 3 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0411	RT41041	VLSI DESIGN	21	27	3
16A95A0411 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 22 28 3 16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0411	RT41042	COMPUTER NETWORKS	19	38	3
16A95A0411 RT41048 RADAR SYSTEMS 20 29 3 16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0411	RT41043	DIGITAL IMAGE PROCESSING	23	14	0
16A95A0411 RT4104A OPTICAL COMMUNICATION 25 24 3 16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0411	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	28	3
16A95A0411 RT4104L V L S I LAB 19 41 2	16A95A0411	RT41048	RADAR SYSTEMS	20	29	3
	16A95A0411	RT4104A	OPTICAL COMMUNICATION	25	24	3
16A95A0411 RT4104M MICROWAVE ENGINEERING LAB 12 40 2	16A95A0411	RT4104L	V L S I LAB	19	41	2
	16A95A0411	RT4104M	MICROWAVE ENGINEERING LAB	12	40	2
16A95A0412	16A95A0412	RT41041	VLSI DESIGN	20	29	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0412	RT41042	COMPUTER NETWORKS	21	24	3
16A95A0412	RT41043	DIGITAL IMAGE PROCESSING	13	16	0
16A95A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	53	3
16A95A0412	RT41048	RADAR SYSTEMS	14	39	3
16A95A0412	RT4104A	OPTICAL COMMUNICATION	15	32	3
16A95A0412	RT4104L	V L S I LAB	24	39	2
16A95A0412	RT4104M	MICROWAVE ENGINEERING LAB	10	38	2
16A95A0413	RT41041	VLSI DESIGN	16	32	3
16A95A0413	RT41042	COMPUTER NETWORKS	20	25	3
16A95A0413	RT41043	DIGITAL IMAGE PROCESSING	13	10	0
16A95A0413	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	38	3
16A95A0413	RT41048	RADAR SYSTEMS	17	29	3
16A95A0413	RT4104A	OPTICAL COMMUNICATION	18	28	3
16A95A0413	RT4104L	V L S I LAB	22	38	2
16A95A0413	RT4104M	MICROWAVE ENGINEERING LAB	20	39	2
16A95A0414	RT41041	VLSI DESIGN	22	30	3
16A95A0414	RT41042	COMPUTER NETWORKS	21	24	3
16A95A0414	RT41043	DIGITAL IMAGE PROCESSING	12	16	0
16A95A0414	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	27	3
16A95A0414	RT41048	RADAR SYSTEMS	17	17	0
16A95A0414	RT4104A	OPTICAL COMMUNICATION	17	29	3
16A95A0414	RT4104L	V L S I LAB	22	39	2
16A95A0414	RT4104M	MICROWAVE ENGINEERING LAB	19	16	0
16A95A0415	RT41041	VLSI DESIGN	22	47	3
16A95A0415	RT41042	COMPUTER NETWORKS	22	54	3
16A95A0415	RT41043	DIGITAL IMAGE PROCESSING	24	15	0
16A95A0415	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	44	3
16A95A0415	RT41048	RADAR SYSTEMS	25	34	3
16A95A0415	RT4104A	OPTICAL COMMUNICATION	26	38	3
16A95A0415	RT4104L	V L S I LAB	24	50	2
16A95A0415	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
16A95A0417	RT41041	VLSI DESIGN	25	31	3
16A95A0417	RT41042	COMPUTER NETWORKS	21	31	3
16A95A0417	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
16A95A0417	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	38	3
16A95A0417	RT41048	RADAR SYSTEMS	22	36	3
16A95A0417	RT4104A	OPTICAL COMMUNICATION	22	16	0
16A95A0417	RT4104L	V L S I LAB	20	42	2
16A95A0417	RT4104M	MICROWAVE ENGINEERING LAB	18	30	2
16A95A0418	RT41041	VLSI DESIGN	22	40	3
16A95A0418	RT41042	COMPUTER NETWORKS	21	24	3
16A95A0418	RT41043	DIGITAL IMAGE PROCESSING	23	26	3
16A95A0418	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	38	3
16A95A0418	RT41048	RADAR SYSTEMS	24	30	3
16A95A0418	RT4104A	OPTICAL COMMUNICATION	21	24	3
16A95A0418	RT4104L	V L S I LAB	20	38	2
16A95A0418	RT4104M	MICROWAVE ENGINEERING LAB	19	33	2
16A95A0419	RT41041	VLSI DESIGN	24	42	3
16A95A0419	RT41042	COMPUTER NETWORKS	20	40	3
16A95A0419	RT41043	DIGITAL IMAGE PROCESSING	22	35	3

16A95A0419 RT4104A RADAR SYSTEMS 21 45 : 16A95A0419 RT4104A OPTICAL COMMUNICATION 27 45 : 16A95A0419 RT4104L V L S I LAB 23 48 : 16A95A0419 RT4104M MICROWAVE ENGINEERING LAB 22 45 : 16A95A0420 RT41041 VLSI DESIGN 22 28 : 16A95A0420 RT41042 COMPUTER NETWORKS 25 51 : 16A95A0420 RT41043 DIGITAL IMAGE PROCESSING 24 9 ! 16A95A0420 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 30 : 16A95A0420 RT41048 RADAR SYSTEMS 28 27 : 16A95A0420 RT4104A OPTICAL COMMUNICATION 22 24 : 16A95A0420 RT4104H V L S I LAB 22 44 : 16A95A0421 RT4104M MICROWAVE ENGINEERING LAB 20 40 : 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 ! <tr< th=""><th>3 3 3 2 2 3 3 0 3 3 3 2 2 2 3 3 0 0 3 3 3 3</th></tr<>	3 3 3 2 2 3 3 0 3 3 3 2 2 2 3 3 0 0 3 3 3 3
16A95A0419 RT4104A OPTICAL COMMUNICATION 27 45 3 16A95A0419 RT4104L V L S I LAB 23 48 3 16A95A0419 RT4104M MICROWAVE ENGINEERING LAB 22 45 3 16A95A0420 RT41041 VLSI DESIGN 22 28 3 16A95A0420 RT41042 COMPUTER NETWORKS 25 51 3 16A95A0420 RT41043 DIGITAL IMAGE PROCESSING 24 9 9 16A95A0420 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 30 30 16A95A0420 RT41048 RADAR SYSTEMS 28 27 3 16A95A0420 RT4104A OPTICAL COMMUNICATION 22 24 3 16A95A0420 RT4104L V L S I LAB 22 44 3 16A95A0421 RT4104M MICROWAVE ENGINEERING LAB 20 40 3 16A95A0421 RT41041 VLSI DESIGN 19 26 3 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 1	3 2 2 3 3 0 3 3 3 3 2 2 2 3 0 0
16A95A0419 RT4104L V L S I LAB 23 48 2 16A95A0419 RT4104M MICROWAVE ENGINEERING LAB 22 45 3 16A95A0420 RT41041 VLSI DESIGN 22 28 3 16A95A0420 RT41042 COMPUTER NETWORKS 25 51 3 16A95A0420 RT41043 DIGITAL IMAGE PROCESSING 24 9 9 9 16A95A0420 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 30 30 16A95A0420 RT41048 RADAR SYSTEMS 28 27 3 16A95A0420 RT4104A OPTICAL COMMUNICATION 22 24 3 16A95A0420 RT4104L V L S I LAB 22 44 3 16A95A0420 RT4104M MICROWAVE ENGINEERING LAB 20 40 3 16A95A0421 RT41041 VLSI DESIGN 19 26 3 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 1 16A95A0421 RT41044 COMPUTER NETWORKS 20 17 1 <td>2 2 3 3 0 3 3 3 3 2 2 2 3 0 0</td>	2 2 3 3 0 3 3 3 3 2 2 2 3 0 0
16A95A0419 RT4104M MICROWAVE ENGINEERING LAB 22 45 2 16A95A0420 RT41041 VLSI DESIGN 22 28 3 16A95A0420 RT41042 COMPUTER NETWORKS 25 51 3 16A95A0420 RT41043 DIGITAL IMAGE PROCESSING 24 9 9 9 16A95A0420 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 30 30 16A95A0420 RT41048 RADAR SYSTEMS 28 27 3 16A95A0420 RT4104A OPTICAL COMMUNICATION 22 24 3 16A95A0420 RT4104L V L S I LAB 22 44 3 16A95A0420 RT4104M MICROWAVE ENGINEERING LAB 20 40 40 16A95A0421 RT41041 VLSI DESIGN 19 26 3 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 6 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 1 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18	2 3 3 0 3 3 3 3 2 2 2 3 0 0
16A95A0420 RT41041 VLSI DESIGN 22 28 3 16A95A0420 RT41042 COMPUTER NETWORKS 25 51 3 16A95A0420 RT41043 DIGITAL IMAGE PROCESSING 24 9 9 16A95A0420 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 30 30 16A95A0420 RT41048 RADAR SYSTEMS 28 27 3 16A95A0420 RT4104A OPTICAL COMMUNICATION 22 24 3 16A95A0420 RT4104L V L S I LAB 22 44 3 16A95A0420 RT4104M MICROWAVE ENGINEERING LAB 20 40 3 16A95A0421 RT41041 VLSI DESIGN 19 26 3 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 6 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 6 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 16A95A0421 RT41048 RADAR SYSTEMS 23 34 3	3 3 0 3 3 3 2 2 2 3 0
16A95A0420 RT41042 COMPUTER NETWORKS 25 51 16A95A0420 RT41043 DIGITAL IMAGE PROCESSING 24 9 16A95A0420 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 30 16A95A0420 RT41048 RADAR SYSTEMS 28 27 16A95A0420 RT4104A OPTICAL COMMUNICATION 22 24 16A95A0420 RT4104L V L S I LAB 22 44 16A95A0420 RT4104M MICROWAVE ENGINEERING LAB 20 40 16A95A0421 RT41041 VLSI DESIGN 19 26 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 16A95A0421 RT41048 RADAR SYSTEMS 23 34	3 0 3 3 3 2 2 2 3 0
16A95A0420 RT41043 DIGITAL IMAGE PROCESSING 24 9 16A95A0420 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 30 16A95A0420 RT41048 RADAR SYSTEMS 28 27 16A95A0420 RT4104A OPTICAL COMMUNICATION 22 24 16A95A0420 RT4104L V L S I LAB 22 44 16A95A0420 RT4104M MICROWAVE ENGINEERING LAB 20 40 16A95A0421 RT41041 VLSI DESIGN 19 26 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 16A95A0421 RT41048 RADAR SYSTEMS 23 34	0 3 3 3 2 2 2 3 0
16A95A0420 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 30 30 16A95A0420 RT41048 RADAR SYSTEMS 28 27 30 16A95A0420 RT4104A OPTICAL COMMUNICATION 22 24 30 16A95A0420 RT4104L V L S I LAB 22 44 30 16A95A0420 RT4104M MICROWAVE ENGINEERING LAB 20 40 30 16A95A0421 RT41041 VLSI DESIGN 19 26 30 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 30 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 30 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 33 16A95A0421 RT41048 RADAR SYSTEMS 23 34 34	3 3 3 2 2 2 3 0
16A95A0420 RT41048 RADAR SYSTEMS 28 27 3 16A95A0420 RT4104A OPTICAL COMMUNICATION 22 24 3 16A95A0420 RT4104L V L S I LAB 22 44 3 16A95A0420 RT4104M MICROWAVE ENGINEERING LAB 20 40 3 16A95A0421 RT41041 VLSI DESIGN 19 26 3 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 0 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 0 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 16A95A0421 RT41048 RADAR SYSTEMS 23 34 3	3 3 2 2 3 0 0
16A95A0420 RT4104A OPTICAL COMMUNICATION 22 24 3 16A95A0420 RT4104L V L S I LAB 22 44 3 16A95A0420 RT4104M MICROWAVE ENGINEERING LAB 20 40 3 16A95A0421 RT41041 VLSI DESIGN 19 26 3 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 4 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 4 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 16A95A0421 RT41048 RADAR SYSTEMS 23 34 3	3 2 2 3 0
16A95A0420 RT4104L V L S I LAB 22 44 32 16A95A0420 RT4104M MICROWAVE ENGINEERING LAB 20 40 32 16A95A0421 RT41041 VLSI DESIGN 19 26 32 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 40 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 41 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 38 16A95A0421 RT41048 RADAR SYSTEMS 23 34 33	2 2 3 0
16A95A0420 RT4104M MICROWAVE ENGINEERING LAB 20 40 3 16A95A0421 RT41041 VLSI DESIGN 19 26 3 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 0 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 0 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 16A95A0421 RT41048 RADAR SYSTEMS 23 34 3	2 3 0 0
16A95A0421 RT41041 VLSI DESIGN 19 26 3 16A95A0421 RT41042 COMPUTER NETWORKS 20 17 0 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 0 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 16A95A0421 RT41048 RADAR SYSTEMS 23 34 3	3 0 0
16A95A0421 RT41042 COMPUTER NETWORKS 20 17 0 16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 0 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 3 16A95A0421 RT41048 RADAR SYSTEMS 23 34 3	0
16A95A0421 RT41043 DIGITAL IMAGE PROCESSING 21 13 0 16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 38 16A95A0421 RT41048 RADAR SYSTEMS 23 34 34	0
16A95A0421 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 38 38 16A95A0421 RT41048 RADAR SYSTEMS 23 34 34	-
16A95A0421 RT41048 RADAR SYSTEMS 23 34 :	3
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16A95A0421 RT4104A OPTICAL COMMUNICATION 25 12	3
TION CONTROLET TICHTO TO THOSE CONTINUONIONIONION TON TO THE TOTAL TOT	0
16A95A0421 RT4104L V L S I LAB 23 47 2	2
16A95A0421 RT4104M MICROWAVE ENGINEERING LAB 20 33 2	2
16A95A0423 RT41041 VLSI DESIGN 22 38 3	3
16A95A0423 RT41042 COMPUTER NETWORKS 22 29 3	3
16A95A0423 RT41043 DIGITAL IMAGE PROCESSING 23 16	0
16A95A0423 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 44	3
16A95A0423 RT41048 RADAR SYSTEMS 24 36 3	3
16A95A0423 RT4104A OPTICAL COMMUNICATION 29 37 :	3
16A95A0423 RT4104L V L S I LAB 21 39 2	2
16A95A0423 RT4104M MICROWAVE ENGINEERING LAB 21 39	2
16A95A0424 RT41041 VLSI DESIGN 25 35	3
16A95A0424 RT41042 COMPUTER NETWORKS 21 41 :	3
16A95A0424 RT41043 DIGITAL IMAGE PROCESSING 21 28	3
16A95A0424 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 27 40	3
16A95A0424 RT41048 RADAR SYSTEMS 27 46 :	3
16A95A0424 RT4104A OPTICAL COMMUNICATION 23 35 :	3
16A95A0424 RT4104L V L S I LAB 22 44 2	2
16A95A0424 RT4104M MICROWAVE ENGINEERING LAB 21 46 2	2
16A95A0425 RT41041 VLSI DESIGN 20 32 :	3
16A95A0425 RT41042 COMPUTER NETWORKS 20 54 :	3
16A95A0425 RT41043 DIGITAL IMAGE PROCESSING 17 7	0
16A95A0425 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 19 31 :	3
16A95A0425 RT41048 RADAR SYSTEMS 23 30 ;	3
16A95A0425 RT4104A OPTICAL COMMUNICATION 19 29 :	3
16A95A0425 RT4104L V L S I LAB 20 38 :	2
16A95A0425 RT4104M MICROWAVE ENGINEERING LAB 20 36 2	2
16A95A0427 RT41041 VLSI DESIGN 16 26 ;	3
16A95A0427 RT41042 COMPUTER NETWORKS 23 34 3	3
16A95A0427 RT41043 DIGITAL IMAGE PROCESSING 22 32 :	3
16A95A0427 RT41044 COMPUTER ARCHITECTURE AND ORGANIZATION 18 33	3
16A95A0427 RT41048 RADAR SYSTEMS 14 38 :	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0427	RT4104A	OPTICAL COMMUNICATION	17	24	3
16A95A0427	RT4104L	V L S I LAB	21	30	2
16A95A0427	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
16A95A0428	RT41041	VLSI DESIGN	22	39	3
16A95A0428	RT41042	COMPUTER NETWORKS	23	30	3
16A95A0428	RT41043	DIGITAL IMAGE PROCESSING	22	30	3
16A95A0428	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	49	3
16A95A0428	RT41048	RADAR SYSTEMS	20	33	3
16A95A0428	RT4104A	OPTICAL COMMUNICATION	22	37	3
16A95A0428	RT4104L	V L S I LAB	25	42	2
16A95A0428	RT4104M	MICROWAVE ENGINEERING LAB	25	44	2
16A95A0429	RT41041	VLSI DESIGN	16	17	0
16A95A0429	RT41042	COMPUTER NETWORKS	21	24	3
16A95A0429	RT41043	DIGITAL IMAGE PROCESSING	19	24	3
16A95A0429	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	25	3
16A95A0429	RT41048	RADAR SYSTEMS	14	29	3
16A95A0429	RT4104A	OPTICAL COMMUNICATION	16	37	3
16A95A0429	RT4104L	V L S I LAB	22	40	2
16A95A0429	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
16A95A0430	RT41041	VLSI DESIGN	21	41	3
16A95A0430	RT41042	COMPUTER NETWORKS	24	48	3
16A95A0430	RT41043	DIGITAL IMAGE PROCESSING	22	10	0
16A95A0430	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	39	3
16A95A0430	RT41048	RADAR SYSTEMS	17	30	3
16A95A0430	RT4104A	OPTICAL COMMUNICATION	24	31	3
16A95A0430	RT4104L	V L S I LAB	19	33	2
16A95A0430	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
16A95A0431	RT41041	VLSI DESIGN	16	39	3
16A95A0431	RT41042	COMPUTER NETWORKS	21	30	3
16A95A0431	RT41043	DIGITAL IMAGE PROCESSING	22	36	3
16A95A0431	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	31	3
16A95A0431	RT41048	RADAR SYSTEMS	15	38	3
16A95A0431	RT4104A	OPTICAL COMMUNICATION	21	24	3
16A95A0431	RT4104L	V L S I LAB	22	38	2
16A95A0431	RT4104M	MICROWAVE ENGINEERING LAB	18	41	2
16A95A0432	RT41041	VLSI DESIGN	20	35	3
16A95A0432	RT41042	COMPUTER NETWORKS	25	28	3
16A95A0432	RT41043	DIGITAL IMAGE PROCESSING	23	39	3
16A95A0432	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	52	3
16A95A0432	RT41048	RADAR SYSTEMS	17	34	3
16A95A0432	RT4104A	OPTICAL COMMUNICATION	26	36	3
16A95A0432	RT4104L	V L S I LAB	23	45	2
16A95A0432	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
16A95A0433	RT41041	VLSI DESIGN	20	6	0
16A95A0433	RT41042	COMPUTER NETWORKS	21	28	3
16A95A0433	RT41043	DIGITAL IMAGE PROCESSING	20	24	3
16A95A0433	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	34	3
16A95A0433	RT41048	RADAR SYSTEMS	14	28	3
16A95A0433	RT4104A	OPTICAL COMMUNICATION	22	41	3
16A95A0433	RT4104L	V L S I LAB	21	41	2

Htno	Subcode	Subname	Internal	External	Credits
16A95A0433	RT4104M	MICROWAVE ENGINEERING LAB	24	38	2
16A95A0434	RT41041	VLSI DESIGN	18	44	3
16A95A0434	RT41042	COMPUTER NETWORKS	21	42	3
16A95A0434	RT41043	DIGITAL IMAGE PROCESSING	22	9	0
16A95A0434	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	35	3
16A95A0434	RT41048	RADAR SYSTEMS	14	36	3
16A95A0434	RT4104A	OPTICAL COMMUNICATION	23	36	3
16A95A0434	RT4104L	V L S I LAB	22	41	2
16A95A0434	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
16A95A0435	RT41041	VLSI DESIGN	20	31	3
16A95A0435	RT41042	COMPUTER NETWORKS	24	29	3
16A95A0435	RT41043	DIGITAL IMAGE PROCESSING	25	33	3
16A95A0435	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	45	3
16A95A0435	RT41048	RADAR SYSTEMS	15	35	3
16A95A0435	RT4104A	OPTICAL COMMUNICATION	22	30	3
16A95A0435	RT4104L	V L S I LAB	23	41	2
16A95A0435	RT4104M	MICROWAVE ENGINEERING LAB	22	48	2
16A95A0436	RT41041	VLSI DESIGN	22	42	3
16A95A0436	RT41042	COMPUTER NETWORKS	26	27	3
16A95A0436	RT41043	DIGITAL IMAGE PROCESSING	23	30	3
16A95A0436	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	41	3
16A95A0436	RT41048	RADAR SYSTEMS	17	34	3
16A95A0436	RT4104A	OPTICAL COMMUNICATION	24	32	3
16A95A0436	RT4104L	V L S I LAB	24	40	2
16A95A0436	RT4104M	MICROWAVE ENGINEERING LAB	20	47	2
16A95A0437	RT41041	VLSI DESIGN	18	7	0
16A95A0437	RT41042	COMPUTER NETWORKS	20	24	3
16A95A0437	RT41043	DIGITAL IMAGE PROCESSING	15	14	0
16A95A0437	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	28	3
16A95A0437	RT41048	RADAR SYSTEMS	14	29	3
16A95A0437	RT4104A	OPTICAL COMMUNICATION	21	29	3
16A95A0437	RT4104L	V L S I LAB	20	39	2
16A95A0437	RT4104M	MICROWAVE ENGINEERING LAB	23	37	2
16A95A0438	RT41041	VLSI DESIGN	16	30	3
16A95A0438	RT41042	COMPUTER NETWORKS	23	29	3
16A95A0438	RT41043	DIGITAL IMAGE PROCESSING	19	8	0
16A95A0438	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	38	3
16A95A0438	RT41048	RADAR SYSTEMS	18	30	3
16A95A0438	RT4104A	OPTICAL COMMUNICATION	21	15	0
16A95A0438	RT4104L	V L S I LAB	20	35	2
16A95A0438	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
16A95A0439	RT41041	VLSI DESIGN	20	30	3
16A95A0439	RT41042	COMPUTER NETWORKS	23	30	3
16A95A0439	RT41043	DIGITAL IMAGE PROCESSING	17	26	3
16A95A0439	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	40	3
16A95A0439	RT41048	RADAR SYSTEMS	14	40	3
16A95A0439	RT4104A	OPTICAL COMMUNICATION	22	26	3
16A95A0439	RT4104L	V L S I LAB	23	45	2
16A95A0439	RT4104L	MICROWAVE ENGINEERING LAB	20	45	2
16A95A0441	RT41041	VLSI DESIGN	17	37	3
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Htno	Subcode	Subname	Internal	External	Credits
16A95A0441	RT41042	COMPUTER NETWORKS	22	26	3
16A95A0441	RT41043	DIGITAL IMAGE PROCESSING	20	31	3
16A95A0441	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	48	3
16A95A0441	RT41048	RADAR SYSTEMS	19	31	3
16A95A0441	RT4104A	OPTICAL COMMUNICATION	24	29	3
16A95A0441	RT4104L	V L S I LAB	21	41	2
16A95A0441	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
16A95A0442	RT41041	VLSI DESIGN	17	17	0
16A95A0442	RT41042	COMPUTER NETWORKS	21	24	3
16A95A0442	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
16A95A0442	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	30	3
16A95A0442	RT41048	RADAR SYSTEMS	16	27	3
16A95A0442	RT4104A	OPTICAL COMMUNICATION	23	25	3
16A95A0442	RT4104L	V L S I LAB	18	31	2
16A95A0442	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
16A95A0443	RT41041	VLSI DESIGN	24	37	3
16A95A0443	RT41042	COMPUTER NETWORKS	24	52	3
16A95A0443	RT41043	DIGITAL IMAGE PROCESSING	19	12	0
16A95A0443	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	38	3
16A95A0443	RT41048	RADAR SYSTEMS	15	37	3
16A95A0443	RT4104A	OPTICAL COMMUNICATION	19	33	3
16A95A0443	RT4104L	V L S I LAB	19	46	2
16A95A0443	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
16A95A0444	RT41041	VLSI DESIGN	18	35	3
16A95A0444	RT41042	COMPUTER NETWORKS	25	30	3
16A95A0444	RT41043	DIGITAL IMAGE PROCESSING	19	32	3
16A95A0444	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	44	3
16A95A0444	RT41048	RADAR SYSTEMS	20	32	3
16A95A0444	RT4104A	OPTICAL COMMUNICATION	24	28	3
16A95A0444	RT4104L	V L S I LAB	20	41	2
16A95A0444	RT4104M	MICROWAVE ENGINEERING LAB	19	43	2
16A95A0445	RT41041	VLSI DESIGN	17	24	3
16A95A0445	RT41042	COMPUTER NETWORKS	20	27	3
16A95A0445	RT41043	DIGITAL IMAGE PROCESSING	19	14	0
16A95A0445	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	41	3
16A95A0445	RT41048	RADAR SYSTEMS	20	27	3
16A95A0445	RT4104A	OPTICAL COMMUNICATION	26	25	3
16A95A0445	RT4104L	V L S I LAB	22	43	2
16A95A0445	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
16A95A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	24	3
16A95A0501	RT41052	UML AND DESIGN PATTERNS	23	24	3
16A95A0501	RT41053	MOBILE COMPUTING	18	24	3
16A95A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	22	41	3
16A95A0501	RT4105B	HADOOP AND BIG DATA	20	32	3
16A95A0501	RT4105L	UML AND DESIGN PATTERNS LAB	20	44	2
16A95A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	16	35	2
16A95A0501	RT4105N	SOFTWARE TESTING LAB	22	36	2
16A95A0501	RT4105O	HADOOP AND BIGDATA LAB	20	40	2
16A95A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	29	3
16A95A0502	RT41052	UML AND DESIGN PATTERNS	19	24	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A0502	RT41053	MOBILE COMPUTING	23	32	3
16A95A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	20	38	3
16A95A0502	RT4105B	HADOOP AND BIG DATA	23	30	3
16A95A0502	RT4105L	UML AND DESIGN PATTERNS LAB	18	44	2
16A95A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	39	2
16A95A0502	RT4105N	SOFTWARE TESTING LAB	21	40	2
16A95A0502	RT4105O	HADOOP AND BIGDATA LAB	18	39	2
16A95A0503	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	45	3
16A95A0503	RT41052	UML AND DESIGN PATTERNS	26	53	3
16A95A0503	RT41053	MOBILE COMPUTING	29	34	3
16A95A0503	RT41057	ARTIFICIAL INTELLIGENCE	29	48	3
16A95A0503	RT4105D	MACHINE LEARNING	27	30	3
16A95A0503	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
16A95A0503	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
16A95A0503	RT4105N	SOFTWARE TESTING LAB	24	47	2
16A95A0503	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
16A95A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	39	3
16A95A0504	RT41052	UML AND DESIGN PATTERNS	29	17	0
16A95A0504	RT41053	MOBILE COMPUTING	27	32	3
16A95A0504	RT41057	ARTIFICIAL INTELLIGENCE	29	40	3
16A95A0504	RT4105D	MACHINE LEARNING	22	30	3
16A95A0504	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
16A95A0504	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
16A95A0504	RT4105N	SOFTWARE TESTING LAB	24	47	2
16A95A0504	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
16A95A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	16	0
16A95A0505	RT41052	UML AND DESIGN PATTERNS	19	24	3
16A95A0505	RT41053	MOBILE COMPUTING	17	24	3
16A95A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	23	24	3
16A95A0505	RT4105B	HADOOP AND BIG DATA	17	6	0
16A95A0505	RT4105L	UML AND DESIGN PATTERNS LAB	14	32	2
16A95A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	35	2
16A95A0505	RT4105N	SOFTWARE TESTING LAB	18	34	2
16A95A0505	RT4105O	HADOOP AND BIGDATA LAB	14	26	2
16A95A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	30	3
16A95A0506	RT41052	UML AND DESIGN PATTERNS	25	25	3
16A95A0506	RT41053	MOBILE COMPUTING	23	31	3
16A95A0506	RT41057	ARTIFICIAL INTELLIGENCE	24	24	3
16A95A0506	RT4105B	HADOOP AND BIG DATA	21	27	3
16A95A0506	RT4105L	UML AND DESIGN PATTERNS LAB	18	42	2
16A95A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
16A95A0506	RT4105N	SOFTWARE TESTING LAB	21	39	2
16A95A0506	RT4105O	HADOOP AND BIGDATA LAB	18	40	2
16A95A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	27	3
16A95A0507	RT41052	UML AND DESIGN PATTERNS	21	36	3
16A95A0507	RT41053	MOBILE COMPUTING	24	34	3
16A95A0507	RT41057	ARTIFICIAL INTELLIGENCE	23	28	3
16A95A0507	RT4105A	DIGITAL FORENSICS	20	33	3
16A95A0507	RT4105L	UML AND DESIGN PATTERNS LAB	19	43	2
16A95A0507	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2

Htno	Subcode	Subname	Internal	External	Credits
16A95A0507	RT4105N	SOFTWARE TESTING LAB	21	41	2
16A95A0507	RT4105O	HADOOP AND BIGDATA LAB	18	40	2
16A95A0508	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	40	3
16A95A0508	RT41052	UML AND DESIGN PATTERNS	27	35	3
16A95A0508	RT41053	MOBILE COMPUTING	27	44	3
16A95A0508	RT41057	ARTIFICIAL INTELLIGENCE	28	31	3
16A95A0508	RT4105A	DIGITAL FORENSICS	27	38	3
16A95A0508	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
16A95A0508	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
16A95A0508	RT4105N	SOFTWARE TESTING LAB	24	48	2
16A95A0508	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
16A95A0509	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	34	3
16A95A0509	RT41052	UML AND DESIGN PATTERNS	25	29	3
16A95A0509	RT41053	MOBILE COMPUTING	20	24	3
16A95A0509	RT41057	ARTIFICIAL INTELLIGENCE	24	30	3
16A95A0509	RT4105A	DIGITAL FORENSICS	24	30	3
16A95A0509	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
16A95A0509	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
16A95A0509	RT4105N	SOFTWARE TESTING LAB	24	48	2
16A95A0509	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
16A95A0510	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	24	3
16A95A0510	RT41052	UML AND DESIGN PATTERNS	23	17	0
16A95A0510	RT41053	MOBILE COMPUTING	22	29	3
16A95A0510	RT41054	SOFTWARE TESTING METHODOLOGIES	23	26	3
16A95A0510	RT4105B	HADOOP AND BIG DATA	25	26	3
16A95A0510	RT4105L	UML AND DESIGN PATTERNS LAB	19	40	2
16A95A0510	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	40	2
16A95A0510	RT4105N	SOFTWARE TESTING LAB	20	44	2
16A95A0510	RT4105O	HADOOP AND BIGDATA LAB	19	41	2
16A95A0511	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	7	0
16A95A0511	RT41052	UML AND DESIGN PATTERNS	25	29	3
16A95A0511	RT41053	MOBILE COMPUTING	25	24	3
16A95A0511	RT41057	ARTIFICIAL INTELLIGENCE	29	16	0
16A95A0511	RT4105A	DIGITAL FORENSICS	22	29	3
16A95A0511	RT4105L	UML AND DESIGN PATTERNS LAB	19	39	2
16A95A0511	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	42	2
16A95A0511	RT4105N	SOFTWARE TESTING LAB	23	46	2
16A95A0511	RT4105O	HADOOP AND BIGDATA LAB	19	43	2
16A95A0512	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	43	3
16A95A0512	RT41052	UML AND DESIGN PATTERNS	28	35	3
16A95A0512	RT41053	MOBILE COMPUTING	24	33	3
16A95A0512	RT41057	ARTIFICIAL INTELLIGENCE	30	26	3
16A95A0512	RT4105B	HADOOP AND BIG DATA	29	41	3
16A95A0512	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
16A95A0512	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
16A95A0512	RT4105N	SOFTWARE TESTING LAB	22	44	2
16A95A0512	RT4105O	HADOOP AND BIGDATA LAB	21	45	2
16A95A2601	RT41261	MINE ECONOMICS	17	32	3
16A95A2601	RT41262	COMPUTER APPLICATIONS IN MINING	16	29	3
16A95A2601	RT41263	ROCK MECHANICS AND GROUND CONTROL	20	42	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A2601	RT41264	MINE LEGISLATION AND GENERAL SAFETY	17	48	3
16A95A2601	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	15	29	3
16A95A2601	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	17	17	0
16A95A2601	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	18	34	2
16A95A2601	RT4126M	ROCK MECHANICS LAB	20	40	2
16A95A2602	RT41261	MINE ECONOMICS	24	45	3
16A95A2602	RT41262	COMPUTER APPLICATIONS IN MINING	26	49	3
16A95A2602	RT41263	ROCK MECHANICS AND GROUND CONTROL	24	61	3
16A95A2602	RT41264	MINE LEGISLATION AND GENERAL SAFETY	21	42	3
16A95A2602	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	22	36	3
16A95A2602	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	24	32	3
16A95A2602	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	25	49	2
16A95A2602	RT4126M	ROCK MECHANICS LAB	20	44	2
16A95A2603	RT41261	MINE ECONOMICS	21	33	3
16A95A2603	RT41262	COMPUTER APPLICATIONS IN MINING	20	41	3
16A95A2603	RT41263	ROCK MECHANICS AND GROUND CONTROL	22	44	3
16A95A2603	RT41264	MINE LEGISLATION AND GENERAL SAFETY	23	36	3
16A95A2603	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	22	28	3
16A95A2603	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	23	33	3
16A95A2603	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	19	45	2
16A95A2603	RT4126M	ROCK MECHANICS LAB	15	44	2
16A95A2604	RT41261	MINE ECONOMICS	23	40	3
16A95A2604	RT41262	COMPUTER APPLICATIONS IN MINING	17	44	3
16A95A2604	RT41263	ROCK MECHANICS AND GROUND CONTROL	24	37	3
16A95A2604	RT41264	MINE LEGISLATION AND GENERAL SAFETY	19	42	3
16A95A2604	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	24	36	3
16A95A2604	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	20	32	3
16A95A2604	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	23	46	2
16A95A2604	RT4126M	ROCK MECHANICS LAB	22	40	2
16A95A2605	RT41261	MINE ECONOMICS	23	49	3
16A95A2605	RT41262	COMPUTER APPLICATIONS IN MINING	22	47	3
16A95A2605	RT41263	ROCK MECHANICS AND GROUND CONTROL	24	62	3
16A95A2605	RT41264	MINE LEGISLATION AND GENERAL SAFETY	20	48	3
16A95A2605	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	21	35	3
16A95A2605	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	24	31	3
16A95A2605	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	23	48	2
16A95A2605	RT4126M	ROCK MECHANICS LAB	25	49	2
16A95A2606	RT41261	MINE ECONOMICS	22	32	3
16A95A2606	RT41262	COMPUTER APPLICATIONS IN MINING	22	41	3
16A95A2606	RT41263	ROCK MECHANICS AND GROUND CONTROL	26	52	3
16A95A2606	RT41264	MINE LEGISLATION AND GENERAL SAFETY	23	42	3
16A95A2606	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	24	32	3
16A95A2606	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	20	3	0
16A95A2606	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	25	49	2
16A95A2606	RT4126M	ROCK MECHANICS LAB	25	50	2
16A95A2607	RT41261	MINE ECONOMICS	25	43	3
16A95A2607	RT41262	COMPUTER APPLICATIONS IN MINING	28	41	3
16A95A2607	RT41263	ROCK MECHANICS AND GROUND CONTROL	25	58	3
16A95A2607	RT41264	MINE LEGISLATION AND GENERAL SAFETY	27	48	3
16A95A2607	RT41266	ENVIRONMENTAL IMPACT ASSESSMENT	25	34	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A2607	RT41268	INDUSTRIAL ENGINEERING AND MANAGEMENT	25	31	3
16A95A2607	RT4126L	COMPUTER APPLICATIONS IN MINING LAB	25	50	2
16A95A2607	RT4126M	ROCK MECHANICS LAB	25	50	2
16A95A2702	RT41016F	GREEN TECHNOLOGIES	23	35	3
16A95A2702	RT41271	INTEGRATED ASSET MANAGEMENT	24	36	3
16A95A2702	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	22	26	3
16A95A2702	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	23	39	3
16A95A2702	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	20	16	0
16A95A2702	RT41279	COAL BED METHANE ENGINEERING	21	29	3
16A95A2702	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	23	44	2
16A95A2702	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	44	2
16A95A2702	RT4127N	PRESENTATION OF SIP REPORT	23	45	2
16A95A2704	RT41016F	GREEN TECHNOLOGIES	28	51	3
16A95A2704	RT41271	INTEGRATED ASSET MANAGEMENT	26	42	3
16A95A2704	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	21	53	3
16A95A2704	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	26	49	3
16A95A2704	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	19	33	3
16A95A2704	RT41274	COAL BED METHANE ENGINEERING	19	38	3
16A95A2704	RT41275	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	48	2
16A95A2704	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	19	48	2
16A95A2704	RT4127W	PRESENTATION OF SIP REPORT	23	46	2
16A95A2704	RT41016F	GREEN TECHNOLOGIES	23	57	3
16A95A2705	RT410101	INTEGRATED ASSET MANAGEMENT	24	40	3
16A95A2705	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	23	42	3
16A95A2705	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	18	45	3
16A95A2705	RT41273	PETROLEUM RESERVOIR ENGINEERING-II	20	47	3
16A95A2705	RT41279	COAL BED METHANE ENGINEERING	21	38	3
16A95A2705	RT41279	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	47	2
16A95A2705	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	22	47	2
16A95A2705	RT4127N	PRESENTATION OF SIP REPORT	22	45	2
16A95A2706	RT41016F	GREEN TECHNOLOGIES	21	34	3
16A95A2706	RT41271	INTEGRATED ASSET MANAGEMENT	21	28	3
16A95A2706	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	18	35	3
16A95A2706	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	20	30	3
16A95A2706	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	17	41	3
16A95A2706	RT41279	COAL BED METHANE ENGINEERING	21	27	3
16A95A2706	RT41279	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	47	2
16A95A2706	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	22	47	2
16A95A2706	RT4127W	PRESENTATION OF SIP REPORT	21	41	2
16A95A2707	RT41016F	GREEN TECHNOLOGIES	18	30	3
16A95A2707	RT41271	INTEGRATED ASSET MANAGEMENT	25	29	3
16A95A2707	RT41271	ENHANCED OIL RECOVERY TECHNIQUES	20	30	3
16A95A2707	RT41272	HSE AND FE IN PETROLEUM INDUSTRY	17	32	3
16A95A2707	RT41273	PETROLEUM RESERVOIR ENGINEERING-II	14	35	3
16A95A2707	RT41274	COAL BED METHANE ENGINEERING	20	27	3
16A95A2707	RT41279	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	23	43	2
16A95A2707	RT4127L	PETROLEUM RESERVOIR ENGINEERING LAB	19	44	2
16A95A2707	RT4127W	PRESENTATION OF SIP REPORT	20	40	2
16A95A2707	RT41016F	GREEN TECHNOLOGIES	23	41	3
16A95A2708	RT41010F	INTEGRATED ASSET MANAGEMENT	25	37	3
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Htno	Subcode	Subname	Internal	External	Credits
16A95A2708	RT41272	ENHANCED OIL RECOVERY TECHNIQUES	23	47	3
16A95A2708	RT41273	HSE AND FE IN PETROLEUM INDUSTRY	20	44	3
16A95A2708	RT41274	PETROLEUM RESERVOIR ENGINEERING-II	21	44	3
16A95A2708	RT41279	COAL BED METHANE ENGINEERING	25	33	3
16A95A2708	RT4127L	PETROLEUM EQUIPMENT DESIGN AND SIMULATION L	24	48	2
16A95A2708	RT4127M	PETROLEUM RESERVOIR ENGINEERING LAB	24	48	2
16A95A2708	RT4127N	PRESENTATION OF SIP REPORT	22	44	2
16A95A3501	RT41351	MICRO IRRIGATION ENGINEERING	28	54	3
16A95A3501	RT41352	FARM MACHINERY AND EQUIPMENTS-II	29	53	3
16A95A3501	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	28	55	3
16A95A3501	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	25	60	3
16A95A3501	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	26	38	3
16A95A3501	RT41358	WATERSHED MANAGEMENT	27	40	3
16A95A3501	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	23	49	2
16A95A3501	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	49	2
16A95A3502	RT41351	MICRO IRRIGATION ENGINEERING	24	51	3
16A95A3502	RT41351	FARM MACHINERY AND EQUIPMENTS-II	26	56	3
16A95A3502	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	24	45	3
16A95A3502	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	23	63	3
16A95A3502	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	19	37	3
16A95A3502	RT41359	FOOD PACKAGING TECHNOLOGY	25	44	3
16A95A3502	RT41359	FIELD OPERATION AND MAINTENANCE OF TRACTORS	22	49	2
16A95A3502	RT4135L	DAIRY AND FOOD ENGINEERING LAB	21	49	2
16A95A3502	RT4135W	MICRO IRRIGATION ENGINEERING	21	35	3
16A95A3503	RT41351	FARM MACHINERY AND EQUIPMENTS-II	18	40	3
16A95A3503	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	23	51	3
16A95A3503	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	20	46	3
16A95A3503	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	17	31	3
16A95A3503	RT41358	WATERSHED MANAGEMENT	20	30	3
16A95A3503	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	18	43	2
16A95A3503	RT4135M	DAIRY AND FOOD ENGINEERING LAB	18	43	2
16A95A3504	RT41351	MICRO IRRIGATION ENGINEERING	19	34	3
16A95A3504	RT41352	FARM MACHINERY AND EQUIPMENTS-II	20	39	3
16A95A3504	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	20	39	3
16A95A3504	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	12	35	3
16A95A3504	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	18	26	3
16A95A3504	RT41358	WATERSHED MANAGEMENT	18	33	3
16A95A3504	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	20	44	2
16A95A3504	RT4135M	DAIRY AND FOOD ENGINEERING LAB	17	36	2
16A95A3506	RT41351	MICRO IRRIGATION ENGINEERING	26	46	3
16A95A3506	RT41352	FARM MACHINERY AND EQUIPMENTS-II	24	44	3
16A95A3506	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	24	54	3
16A95A3506	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	26	27	3
16A95A3506	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	26	27	3
16A95A3506	RT41359	FOOD PACKAGING TECHNOLOGY	27	38	3
16A95A3506	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	22	47	2
16A95A3506	RT4135M	DAIRY AND FOOD ENGINEERING LAB	24	44	2
16A95A3507	RT41351	MICRO IRRIGATION ENGINEERING	23	40	3
16A95A3507	RT41352	FARM MACHINERY AND EQUIPMENTS-II	23	38	3
16A95A3507	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	23	44	3
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16A95A3507 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 22 25 3 16A95A3507 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 22 34 3 3 16A95A3507 RT41358 FIELD OPERATION AND MAINTENANCE OF TRACTORS 20 46 2 2 2 3 3 3 3 3 3 3	Htno	Subcode	Subname	Internal	External	Credits
16A95A3507 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 22 34 3 3 16A95A3507 RT41358 WATERSHED MANAGEMENT 22 38 3 3 16A95A3507 RT4135M DAIRY AND FOOD ENGINEERING LAB 24 46 2 2 16A95A3508 RT4135M MICRO IRRIGATION ENGINEERING LAB 22 31 3 3 16A95A3508 RT41351 MICRO IRRIGATION ENGINEERING LAB 22 31 3 3 3 16A95A3508 RT41352 FARM MACHINERY AND EQUIPMENTS-II 22 44 3 3 16A95A3508 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 52 3 3 16A95A3508 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 39 3 3 16A95A3508 RT41355 FIELD OPERATION AND MAINTENANCE OF TRACTORS 22 27 3 3 3 3 3 3 3 3 3	16A95A3507	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	22	25	3
16A95A3507 RT41358		RT41355				
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16A95A3507			FIELD OPERATION AND MAINTENANCE OF TRACTORS			
16A95A3508 RT41351 MICRO IRRIGATION ENGINEERING 22 31 3 16A95A3508 RT41352 FARM MACHINERY AND EQUIPMENTS-II 22 44 3 16A95A3508 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 52 3 16A95A3508 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 39 3 16A95A3508 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 39 3 16A95A3508 RT41354 WATERSHED MANAGEMENT 24 44 3 16A95A3508 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 22 46 2 44 2 16A95A3508 RT41354 MICRO IRRIGATION ENGINEERING 21 37 3 16A95A3509 RT41354 MICRO IRRIGATION ENGINEERING 21 37 3 16A95A3509 RT41355 PSCHARVEST ENGINEERING FOR HORTICULTURE P 21 54 3 16A95A3509 RT41355 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 3 16A95A3509 RT41355 SEED PROCESSING AND STORAGE ENGINEERING <						
16A95A3508						
16A95A3508 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 52 3 16A95A3508 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 39 3 16A95A3508 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 39 3 16A95A3508 RT41358 WATERSHED MANAGEMENT 24 44 3 16A95A3508 RT41351 HIELD OPERATION AND MAINTENANCE OF TRACTORS 22 46 2 16A95A3509 RT41351 MICRO IRRIGATION ENGINEERING LAB 23 44 2 16A95A3509 RT41351 MICRO IRRIGATION ENGINEERING 21 37 3 16A95A3509 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 21 49 3 16A95A3509 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 40 3 16A95A3509 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 40 3 16A95A3509 RT41354 MECHANICAL MEASUREMENT 23 40 3		RT41352		22		
16A95A3508	16A95A3508	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	23	52	
16A95A3508 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 22 27 3 16A95A3508 RT41358 WATERSHED MANAGEMENT 24 44 3 3 16A95A3508 RT41358 WATERSHED MANAGEMENT 24 44 3 3 16A95A3508 RT4135M DAIRY AND FOOD ENGINEERING LAB 23 44 2 2 16A95A3509 RT4135M DAIRY AND FOOD ENGINEERING LAB 23 44 2 3 16A95A3509 RT41351 MICRO IRRIGATION ENGINEERING 21 37 3 3 16A95A3509 RT41352 FARM MACHINERY AND EQUIPMENTS-II 21 49 3 3 16A95A3509 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 21 54 3 3 16A95A3509 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 20 3 3 16A95A3509 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 20 3 3 16A95A3509 RT41356 WATERSHED MANAGEMENT 23 48 3 3 16A95A3509 RT41356 MATERSHED MANAGEMENT 23 48 3 3 16A95A3509 RT41356 MATERSHED MANAGEMENT 23 48 3 3 16A95A3510 RT41351 MICRO IRRIGATION ENGINEERING LAB 24 38 2 16A95A3510 RT41351 MICRO IRRIGATION ENGINEERING 28 57 3 16A95A3510 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 26 28 3 16A95A3510 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 25 33 3 16A95A3510 RT41355 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 26 28 3 16A95A3510 RT41355 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 26 28 3 16A95A3510 RT41356 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 26 28 3 16A95A3510 RT41351 MICRO IRRIGATION AND MAINTENANCE OF TRACTORS 23 49 2 16A95A3511 RT41351 MICRO IRRIGATION AND MAINTENANCE OF TRACTORS 23 49 2 16A95A3511 RT41354 MICRO IRRIGATION AND MAINTENANCE OF TRACTORS 23 49 2 16A95A3511 RT41354 MICRO IRRIGATION AND MAINTENANCE OF TRACTORS 23 49 2 16A95A3511 RT41355 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 27 39 3 16A95A3511 RT41356 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 34 3 16A95A3511 RT41355 SEED PROCESSING AND STORAGE EN		RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION			
16A95A3508						
16A95A3508		RT41358	WATERSHED MANAGEMENT	24	44	
16A95A3508 RT4135M DAIRY AND FOOD ENGINEERING LAB 23 44 2 16A95A3509 RT41351 MICRO IRRIGATION ENGINEERING 21 37 3 16A95A3509 RT41352 FARM MACHINERY AND EQUIPMENTS-II 21 49 3 16A95A3509 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 21 54 3 16A95A3509 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 40 3 16A95A3509 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 20 35 3 16A95A3509 RT41358 WATERSHED MANAGEMENT 23 48 3 16A95A3509 RT41355 FIELD OPERATION AND MAINTENANCE OF TRACTORS 19 46 2 16A95A3510 RT41351 MICRO IRRIGATION ENGINEERING LAB 24 38 2 16A95A3510 RT41351 MICRO IRRIGATION ENGINEERING 28 57 3 16A95A3510 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 26 28 3 16A						
16A95A3509 RT41351 MICRO IRRIGATION ENGINEERING 21 37 3 16A95A3509 RT41352 FARM MACHINERY AND EQUIPMENTS-II 21 49 3 16A95A3509 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 21 54 3 16A95A3509 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 40 3 16A95A3509 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 20 35 3 16A95A3509 RT41355 WATERSHED MANAGEMENT 23 48 3 16A95A3509 RT41355 WATERSHED MANAGEMENT 23 48 3 16A95A3509 RT4135M DAIRY AND FOOD ENGINEERING LAB 24 38 2 16A95A3509 RT4135M DAIRY AND FOOD ENGINEERING LAB 24 38 2 16A95A3510 RT41351 MICRO IRRIGATION ENGINEERING 28 57 3 16A95A3510 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 26 28 3 16A95A3510						
16A95A3509 RT41352 FARM MACHINERY AND EQUIPMENTS-II 21 49 3 16A95A3509 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 21 54 3 16A95A3509 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 40 3 16A95A3509 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 20 35 3 16A95A3509 RT41358 WATERSHED MANAGEMENT 23 48 3 16A95A3509 RT41358 FIELD OPERATION AND MAINTENANCE OF TRACTORS 19 46 2 16A95A3509 RT4135M DAIRY AND FOOD ENGINEERING LAB 24 38 2 16A95A3509 RT41351 MICRO IRRIGATION ENGINEERING 28 57 3 16A95A3510 RT41352 FARM MACHINERY AND EQUIPMENTS-II 27 45 3 16A95A3510 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 26 28 3 16A95A3510 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 26 48 3	16A95A3509					
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16A95A3510 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 23 49 2 16A95A3510 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 45 2 16A95A3511 RT41351 MICRO IRRIGATION ENGINEERING 26 53 3 16A95A3511 RT41352 FARM MACHINERY AND EQUIPMENTS-II 27 39 3 16A95A3511 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 27 59 3 16A95A3511 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 34 3 16A95A3511 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 27 37 3 16A95A3511 RT41358 WATERSHED MANAGEMENT 29 54 3 16A95A3511 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 49 2 16A95A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 48 2 16A95A3512 RT41351 MICRO IRRIGATION ENGINEERING 23 44 3 16A95	16A95A3510		WATERSHED MANAGEMENT			
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16A95A3511 RT41352 FARM MACHINERY AND EQUIPMENTS-II 27 39 3 16A95A3511 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 27 59 3 16A95A3511 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 34 3 16A95A3511 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 27 37 3 16A95A3511 RT41358 WATERSHED MANAGEMENT 29 54 3 16A95A3511 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 49 2 16A95A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 48 2 16A95A3512 RT41351 MICRO IRRIGATION ENGINEERING 23 44 3 16A95A3512 RT41352 FARM MACHINERY AND EQUIPMENTS-II 20 50 3 16A95A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 54 3		RT4135M		25	45	2
16A95A3511 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 27 59 3 16A95A3511 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 34 3 16A95A3511 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 27 37 3 16A95A3511 RT41358 WATERSHED MANAGEMENT 29 54 3 16A95A3511 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 49 2 16A95A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 48 2 16A95A3512 RT41351 MICRO IRRIGATION ENGINEERING 23 44 3 16A95A3512 RT41352 FARM MACHINERY AND EQUIPMENTS-II 20 50 3 16A95A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 54 3	16A95A3511	RT41351	MICRO IRRIGATION ENGINEERING	26	53	3
16A95A3511 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 34 3 16A95A3511 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 27 37 3 16A95A3511 RT41358 WATERSHED MANAGEMENT 29 54 3 16A95A3511 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 49 2 16A95A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 48 2 16A95A3512 RT41351 MICRO IRRIGATION ENGINEERING 23 44 3 16A95A3512 RT41352 FARM MACHINERY AND EQUIPMENTS-II 20 50 3 16A95A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 54 3	16A95A3511	RT41352	FARM MACHINERY AND EQUIPMENTS-II	27	39	3
16A95A3511 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 27 37 3 16A95A3511 RT41358 WATERSHED MANAGEMENT 29 54 3 16A95A3511 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 49 2 16A95A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 48 2 16A95A3512 RT41351 MICRO IRRIGATION ENGINEERING 23 44 3 16A95A3512 RT41352 FARM MACHINERY AND EQUIPMENTS-II 20 50 3 16A95A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 54 3	16A95A3511	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	27	59	3
16A95A3511 RT41358 WATERSHED MANAGEMENT 29 54 3 16A95A3511 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 49 2 16A95A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 48 2 16A95A3512 RT41351 MICRO IRRIGATION ENGINEERING 23 44 3 16A95A3512 RT41352 FARM MACHINERY AND EQUIPMENTS-II 20 50 3 16A95A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 54 3	16A95A3511	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	23	34	3
16A95A3511 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 25 49 2 16A95A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 48 2 16A95A3512 RT41351 MICRO IRRIGATION ENGINEERING 23 44 3 16A95A3512 RT41352 FARM MACHINERY AND EQUIPMENTS-II 20 50 3 16A95A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 54 3	16A95A3511	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	27	37	3
16A95A3511 RT4135M DAIRY AND FOOD ENGINEERING LAB 25 48 2 16A95A3512 RT41351 MICRO IRRIGATION ENGINEERING 23 44 3 16A95A3512 RT41352 FARM MACHINERY AND EQUIPMENTS-II 20 50 3 16A95A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 54 3	16A95A3511	RT41358	WATERSHED MANAGEMENT	29	54	3
16A95A3512 RT41351 MICRO IRRIGATION ENGINEERING 23 44 3 16A95A3512 RT41352 FARM MACHINERY AND EQUIPMENTS-II 20 50 3 16A95A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 54 3	16A95A3511	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	25	49	2
16A95A3512 RT41352 FARM MACHINERY AND EQUIPMENTS-II 20 50 3 16A95A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 54 3	16A95A3511	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	48	2
16A95A3512 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 23 54 3	16A95A3512	RT41351	MICRO IRRIGATION ENGINEERING	23	44	3
	16A95A3512	RT41352	FARM MACHINERY AND EQUIPMENTS-II	20	50	3
	16A95A3512	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	23	54	3
16A95A3512 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 23 52 3	16A95A3512	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	23	52	3
16A95A3512 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 18 46 3	16A95A3512	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	18	46	3
16A95A3512 RT41358 WATERSHED MANAGEMENT 20 48 3	16A95A3512	RT41358	WATERSHED MANAGEMENT	20	48	3
16A95A3512 RT4135L FIELD OPERATION AND MAINTENANCE OF TRACTORS 22 45 2	16A95A3512	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	22	45	2
16A95A3512 RT4135M DAIRY AND FOOD ENGINEERING LAB 23 42 2	16A95A3512	RT4135M	DAIRY AND FOOD ENGINEERING LAB	23	42	2
16A95A3513 RT41351 MICRO IRRIGATION ENGINEERING 16 29 3	16A95A3513	RT41351	MICRO IRRIGATION ENGINEERING	16	29	3
16A95A3513 RT41352 FARM MACHINERY AND EQUIPMENTS-II 17 24 3	16A95A3513	RT41352	FARM MACHINERY AND EQUIPMENTS-II	17	24	3
16A95A3513 RT41353 POST HARVEST ENGINEERING FOR HORTICULTURE P 22 45 3	16A95A3513	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	22	45	3
16A95A3513 RT41354 MECHANICAL MEASUREMENTS AND INSTRUMENTATION 18 54 3	16A95A3513	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	18	54	3
16A95A3513 RT41355 SEED PROCESSING AND STORAGE ENGINEERING 16 26 3	16A95A3513	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	16	26	3

Htno	Subcode	Subname	Internal	External	Credits
16A95A3513	RT41359	FOOD PACKAGING TECHNOLOGY	23	34	3
16A95A3513	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	18	40	2
16A95A3513	RT4135M	DAIRY AND FOOD ENGINEERING LAB	18	37	2
16A95A3514	RT41351	MICRO IRRIGATION ENGINEERING	21	50	3
16A95A3514	RT41352	FARM MACHINERY AND EQUIPMENTS-II	27	53	3
16A95A3514	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	26	58	3
16A95A3514	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	26	68	3
16A95A3514	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	26	36	3
16A95A3514	RT41358	WATERSHED MANAGEMENT	25	52	3
16A95A3514	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	25	50	2
16A95A3514	RT4135M	DAIRY AND FOOD ENGINEERING LAB	24	49	2
16A95A3516	RT41351	MICRO IRRIGATION ENGINEERING	22	49	3
16A95A3516	RT41352	FARM MACHINERY AND EQUIPMENTS-II	24	24	3
16A95A3516	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	22	47	3
16A95A3516	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	23	58	3
16A95A3516	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	21	37	3
16A95A3516	RT41358	WATERSHED MANAGEMENT	24	32	3
16A95A3516	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	23	48	2
16A95A3516	RT4135M	DAIRY AND FOOD ENGINEERING LAB	23	46	2
16A95A3518	RT41351	MICRO IRRIGATION ENGINEERING	23	43	3
16A95A3518	RT41352	FARM MACHINERY AND EQUIPMENTS-II	18	40	3
16A95A3518	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	22	54	3
16A95A3518	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	21	68	3
16A95A3518	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	17	30	3
16A95A3518	RT41359	FOOD PACKAGING TECHNOLOGY	24	45	3
16A95A3518	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	22	41	2
16A95A3518	RT4135M	DAIRY AND FOOD ENGINEERING LAB	21	43	2
16A95A3519	RT41351	MICRO IRRIGATION ENGINEERING	17	42	3
16A95A3519	RT41352	FARM MACHINERY AND EQUIPMENTS-II	26	34	3
16A95A3519	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	24	60	3
16A95A3519	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	21	62	3
16A95A3519	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	18	35	3
16A95A3519	RT41359	FOOD PACKAGING TECHNOLOGY	25	44	3
16A95A3519	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	22	45	2
16A95A3519	RT4135M	DAIRY AND FOOD ENGINEERING LAB	21	38	2
16A95A3520	RT41351	MICRO IRRIGATION ENGINEERING	27	52	3
16A95A3520	RT41352	FARM MACHINERY AND EQUIPMENTS-II	28	60	3
16A95A3520	RT41353	POST HARVEST ENGINEERING FOR HORTICULTURE P	28	64	3
16A95A3520	RT41354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION	25	62	3
16A95A3520	RT41355	SEED PROCESSING AND STORAGE ENGINEERING	27	48	3
16A95A3520	RT41358	WATERSHED MANAGEMENT	26	34	3
16A95A3520	RT4135L	FIELD OPERATION AND MAINTENANCE OF TRACTORS	25	50	2
16A95A3520	RT4135M	DAIRY AND FOOD ENGINEERING LAB	25	50	2

^{**}NOTE:1 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 12-12-2018]

^{**}NOTE:2 [Please inform to the students enter these subject codes for applying Recounting/Revaluation/Challenge By Revaluation]

^{**} Note:**

^{* -1} in the filed of externals indicates student absent for the respective subject.

Date:03-12-2018

* -2 in the filed of externals indicates student Withheld for the respective subject.
* -3 in the filed of externals indicates student Malpractice for the respective subject.

N. Hohan Ras Controller of Examinations