INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR
Performance Details

Roll No.	Name	Department	Course Name	Minor Course Name :	Micro Specialisation Name :
15EC32005	Sudarshan Sharma	ELECTRONICS & ELECTRICAL COMMUNICATION ENGG.	ELECT.&ELEC.COM.ENGG.MICROELECTRONICS & VLSI DES.(M.Tech Dual5Y)	COMPUTER SCIENCE and ENGINEERING	EMBEDDED WIRELESS SYSTEM

Semester : 1

Curricula Summery	Depth	Elective	Breadth	HSS	IEM	Cumulative Total
Curricula - Registered - Cleared	8 - 8 - 8	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	8 - 8 - 8

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
CE13001	ENGINEERING DRAWING AND COMPUTER GRAPHICS	Depth	1-0-3	3	1	AU-15-16(P)	A	Already Registered
CS11001	PROGRAMMING AND DATA STRUCTURE	Depth	3-1-0	4	1	AU-15-16(P)	B	Already Registered
CS19001	PROGRAMMING AND DATA STRUCTURE LAB.	Depth	0-0-3	2	1	AU-15-16(P)	A	Already Registered
EA10001	EXTRA ACADEMIC ACTIVITY-I	Depth	0-0-3	0	1	AU-15-16(P)	B	Already Registered
MA10001	MATHEMATICS-I	Depth	3-1-0	4	1	AU-15-16(P)	A	Already Registered
ME10001	MECHANICS	Depth	3-1-0	4	1	AU-15-16(P)	A	Already Registered
PH11001	PHYSICS	Depth	3-1-0	4	1	AU-15-16(P)	A	Already Registered
PH19001	PHYSICS LAB.	Depth	0-0-3	2	1	AU-15-16(P)	A	Already Registered

Performance Summery	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 1	23 - 23	23 - 23	8.83 - 8.83 - 8.83	0 - 0	0 - 0	0.00 - 0.00

Semester : 2

Curricula Summery	Depth	Elective	Breadth	HSS	IEM	Cumulative Total
Curricula - Registered - Cleared	8 - 8 - 8	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	16 - 16 - 16

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
CY11001	CHEMISTRY	Depth	3-1-0	4	2	SP-15-16(P)	A	Already Registered
CY19001	CHEMISTRY LAB.	Depth	0-0-3	2	2	SP-15-16(P)	A	Already Registered
EA10002	EXTRA ACADEMIC ACTIVITY-II	Depth	0-0-3	0	2	SP-15-16(P)	B	Already Registered
EE11001	ELECTRICAL TECHNOLOGY	Depth	3-1-0	4	2	SP-15-16(P)	A	Already Registered
EE19001	ELECTRICAL TECHNOLOGY LAB.	Depth	0-0-3	2	2	SP-15-16(P)	B	Already Registered
HS13001	ENGLISH FOR COMMUNICATION	Depth	3-0-2	4	2	SP-15-16(P)	B	Already Registered
MA10002	MATHEMATICS-II	Depth	3-1-0	4	2	SP-15-16(P)	A	Already Registered
ME19001	INTRODUCTION TO MANUFACTURING PROCESSES	Depth	0-0-3	2	2	SP-15-16(P)	A	Already Registered

Performance Summery	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 2	45 - 45	22 - 22	8.78 - 8.78 - 8.73	0 - 0	0 - 0	0.00 - 0.00

Semester : 3

Curricula Summery		Depth	Elective	Breadth	HSS	IEM	Cumulative Total			
Curricula - Registered - Cleared		7 - 7 - 7	0 - 0 - 0	1 - 1 - 1	0 - 0 - 0	0 - 0 - 0	24 - 24 - 24			

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
EC21107	SEMICONDUCTOR DEVICES	Depth	3-1-0	4	3	AU-16-17(P)	A	Already Registered
EC29003	INTRODUCTION TO ELECTRONICS LAB.	Depth	0-0-3	2	3	AU-16-17(P)	B	Already Registered
MA20107	MATRIX ALGEBRA	Depth	3-0-0	3	3	AU-16-17(P)	A	Already Registered
EC29005	NETWORK THEORY LAB.	Depth	0-0-3	2	3	AU-16-17(P)	A	Already Registered
EA10003	EXTRA ACADEMIC ACTIVITY-III	Depth	0-0-3	0	3	AU-16-17(P)	B	Already Registered
EC21005	NETWORK THEORY	Depth	3-1-0	4	3	AU-16-17(P)	A	Already Registered
EC21103	INTRODUCTION TO ELECTRONICS	Depth	3-1-0	4	3	AU-16-17(P)	A	Already Registered
RD30002	TRANSFER AND MANAGEMENT OF RURAL TECHNOLOGY	Breadth(Sc.)	3-1-0	4	3	AU-16-17(P)	A	Already Registered
ET60021	INTELLIGENT GAME DESIGN	Additional	3-0-0	3	3	AU-16-17(P)	C	Already Registered

Performance Summery	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 3	68 - 68	23 - 23	8.82 - 8.82 - 8.91	3 - 3	3 - 3	7.00 - 7.00

Semester : 4

Curricula Summery		Depth	Elective	Breadth	HSS	IEM	Cumulative Total			
Curricula - Registered - Cleared		9 - 9 - 9	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	33 - 33 - 33			

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
EC21008	ANALOG ELECTRONIC CIRCUITS	Depth	3-1-0	4	4	SP-16-17(P)	B	Already Registered
EC29004	DEVICES LABORATORY	Depth	0-0-3	2	4	SP-16-17(P)	A	Already Registered
EC29008	ANALOG CIRCUITS LAB.	Depth	0-0-3	2	4	SP-16-17(P)	A	Already Registered
MA20106	PROBABILITY & STOCHASTIC PROCESSES	Depth	3-0-0	3	4	SP-16-17(P)	B	Already Registered
BS20001	SCIENCE OF LIVING SYSTEM	Depth	2-0-0	2	4	SP-16-17(P)	B	Already Registered
EA10004	EXTRA ACADEMIC ACTIVITY-IV	Depth	0-0-3	0	4	SP-16-17(P)	C	Already Registered
EC21006	ELECTROMAGNETIC ENGINEERING	Depth	3-1-0	4	4	SP-16-17(P)	C	Already Registered
EC21004	SIGNALS AND SYSTEMS	Depth	3-1-0	4	4	SP-16-17(P)	C	Already Registered
EV20001	ENVIRONMENTAL SCIENCE	Depth	2-0-0	2	4	SP-16-17(P)	B	Already Registered
CS21003	ALGORITHMS - I	Additional	3-1-0	4	4	SP-16-17(P)	C	Already Registered
CS29003	ALGORITHMS LABORATORY	Additional	0-0-3	2	4	SP-16-17(P)	A	Already Registered

Performance Summery	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 4	91 - 91	23 - 23	8.57 - 8.57 - 7.83	9 - 9	6 - 6	7.44 - 7.67

Semester : 5

Curricula Summery		Depth	Elective	Breadth	HSS	IEM	Cumulative Total		
Curricula - Registered - Cleared		7 - 7 - 7	0 - 0 - 0	0 - 0 - 0	1 - 1 - 1	0 - 0 - 0	41 - 41 - 41		

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
EC39001	ANALOG COMMUNICATIONS LAB.	Depth	0-0-3	2	5	AU-17-18(P)	A	Already Registered
EC39003	DIGITAL ELECTRONIC CIRCUITS LAB.	Depth	0-0-3	2	5	AU-17-18(P)	EX	Already Registered
EC31001	ANALOG COMMUNICATION	Depth	3-1-0	4	5	AU-17-18(P)	B	Already Registered
EC31005	RF & MICROWAVE ENGINEERING	Depth	3-1-0	4	5	AU-17-18(P)	B	Already Registered
EE31009	CONTROL SYSTEM ENGINEERING	Depth	3-1-0	4	5	AU-17-18(P)	A	Already Registered
EC31003	DIGITAL ELECTRONIC CIRCUITS	Depth	3-1-0	4	5	AU-17-18(P)	A	Already Registered
EC39005	MICROWAVE LABORATORY	Depth	0-0-3	2	5	AU-17-18(P)	B	Already Registered
HS30074	SCIENCE AND HUMANISM	HSS	3-0-0	3	5	AU-17-18(P)	A	Already Registered
TE30002	INTRODUCTION TO WIRELESS COMMUNICATIONS	Additional	2-0-0	2	5	AU-17-18(P)	C	Already Registered

Performance Summery	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 5	116 - 116	25 - 25	8.59 - 8.59 - 8.68	11 - 11	2 - 2	7.36 - 7.00

Semester : 6

Curricula Summery		Depth	Elective	Breadth	HSS	IEM	Cumulative Total		
Curricula - Registered - Cleared		7 - 7 - 7	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	1 - 1 - 1	49 - 49 - 49		

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
EC31008	DIGITAL SIGNAL PROCESSING	Depth	3-1-0	4	6	SP-17-18(P)	C	Already Registered
EC31002	DIGITAL COMMUNICATION	Depth	3-1-0	4	6	SP-17-18(P)	A	Already Registered
EC39002	DIGITAL COMMUNICATION LABORATORY	Depth	0-0-3	2	6	SP-17-18(P)	B	Already Registered
EC31006	MICROCONTROLLER & EMBEDDED SYSTEMS	Depth	3-0-0	3	6	SP-17-18(P)	B	Already Registered
EC39006	DSP LABORATORY	Depth	0-0-3	2	6	SP-17-18(P)	B	Already Registered
EC31004	VLSI ENGG.	Depth	3-0-0	3	6	SP-17-18(P)	A	Already Registered
EC39004	VLSI LABORATORY	Depth	0-0-3	2	6	SP-17-18(P)	A	Already Registered
EP60042	ENGINEERING DESIGN PROCESS	IEM	3-0-0	3	6	SP-17-18(P)	EX	Already Registered
CS31702	COMPUTER ARCHITECTURE AND OPERATING SYSTEM	Additional	4-0-0	4	6	SP-17-18(P)	A	Already Registered

Performance Summery	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 6	139 - 139	23 - 23	8.58 - 8.58 - 8.48	15 - 15	4 - 4	7.80 - 9.00

Performance Details of 15EC32005

Semester : 7

Curricula Summery		Depth	Elective		Breadth	HSS	IEM	Cumulative Total	
Curricula - Registered - Cleared		3 - 3 - 3	2(1-O) - 2(1-O) - 2(1-O)		0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	55 - 55 - 55	

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
EC49001	MICROCONTROLLER SYSTEMS LABORATORY	Depth	0-0-3	2	7	AU-18-19(P)	EX	Already Registered
EC60201	SEMICONDUCTOR DEVICE MODELLING	Depth	3-1-0	4	7	AU-18-19(P)	B	Already Registered
EC60203	ANALOG VLSI CIRCUITS	Depth	3-1-0	4	7	AU-18-19(P)	B	Already Registered
EC61405	VLSI FOR TELE-COMMUNICATION	Elective I(Flexi)	3-0-0	3	7	AU-18-19(P)	A	Already Registered
EC60291	ARCHITECTURAL DESIGN OF ICS	Elective II	3-0-0	3	7	AU-18-19(P)	EX	Already Registered
EC47007	PROJECT-I	Project-I	0-0-0	3	7	AU-18-19(P)	EX	Already Registered
CS60067	VLSI SYSTEM DESIGN	Additional	3-1-0	4	7	AU-18-19(P)	A	Already Registered

Performance Summery	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 7	158 - 158	19 - 19	8.63 - 8.63 - 9.00	19 - 19	4 - 4	8.05 - 9.00

Semester : 8

Curricula Summery		Depth	Elective		Breadth	HSS	IEM	Cumulative Total	
Curricula - Registered - Cleared		4 - 4 - 4	0 - 0 - 0		0 - 0 - 0	1 - 1 - 1	0 - 0 - 0	61 - 61 - 61	

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
EC69202	VLSI CAD LAB	Depth	0-0-3	2	8	SP-18-19(P)	EX	Already Registered
EC60204	DIGITAL VLSI CIRCUITS	Depth	3-1-0	4	8	SP-18-19(P)	B	Already Registered
EC60202	VLSI CAD	Depth	3-1-0	4	8	SP-18-19(P)	A	Already Registered
EC48002	COMPREHENSIVE VIVA-VOCE	Depth	0-0-0	2	8	SP-18-19(P)	A	Already Registered
HS20018	SANSKRIT AND HERITAGE	HSS	3-0-0	3	8	SP-18-19(P)	C	Already Registered
CS60004	HARDWARE SECURITY	Additional	3-0-0	3	8	SP-18-19(P)	B	Already Registered
EC47004	PROJECT-II	Project-II	0-0-9	6	8	SP-18-19(P)	EX	Already Registered
TE61002	MIMO COMMUNICATIONS	Additional	3-1-0	4	8	SP-18-19(P)	C	Already Registered

Performance Summery	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 8	179 - 179	21 - 21	8.66 - 8.66 - 8.90	26 - 26	7 - 7	7.88 - 7.43

Semester : 9

Curricula Summery		Depth	Elective	Breadth	HSS	IEM	Cumulative Total		
Curricula - Registered - Cleared		3 - 3 - 0	3() - 3 - 0	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	67 - 67 - 61		

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
EC48001	INDUSTRIAL TRAINING	Depth	0-0-0	2	9	AU-19-20()		Currently Registered
EC57003	PROJECT	Depth	0-0-15	12	9	AU-19-20()		Currently Registered
EC69205	TECHNOLOGY & PROCESS MODELLING LAB	Depth	0-0-3	2	9	AU-19-20()		Currently Registered
ET60012	FOUNDATIONS OF EDUCATIONAL TECHNOLOGY	Elective-III	3-0-0	3	9	AU-19-20()		Currently Registered
EC60297	VLSI INTERCONNECTS	Elective-IV	3-0-0	3	9	AU-19-20()		Currently Registered
EC60085	DIGITAL SIGNAL PROCESSING AND APPLICATIONS	Elective-V	3-1-0	4	9	AU-19-20()		Currently Registered
CS60045	ARTIFICIAL INTELLIGENCE	Additional	3-0-0	3	9	AU-19-20()		Currently Registered

Performance Summery	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 9	-	-	-	-	-	-

Semester : 10

Curricula Summery		Depth	Elective	Breadth	HSS	IEM	Cumulative Total		
Curricula - Registered - Cleared		2 - 0 - 0	2() - 0 - 0	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	71 - 67 - 61		

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
EC58002	COMPREHENSIVEVIVA VOCE	Depth	0-0-0	2				Not Yet Registered
EC57004	PROJECT	Depth	0-0-22	13				Not Yet Registered
		Elective-VI						Not Yet Registered
		Elective-VII						Not Yet Registered

Performance Summery	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 10	-	-	-	-	-	-