BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE PILANI, K. K. BIRLA GOA CAMPUS

TIMETABLE

FIRST SEMESTER 2020 – 2021

ACADEMIC CALENDAR FOR K. K. BIRLA GOA CAMPUS
First Semester 2020-2021
Continuing Students

2020																				
JULY							**AUGUST**							**SEPTEMBER**						
Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S
		1	2	3	4	30	31					1			1	2	3	4	5	
5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12
12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19
19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26
26	27	28	29	30	31		23	24	25	26	27	28	29	27	28	29	30			
OCTOBER							**NOVEMBER**							**DECEMBER**						
Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S
				1	2	3	1	2	3	4	5	6	7			1	2	3	4	5
4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12
11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26
25	26	27	28	29	30	31	29	30						27	28	29	30	31		

First Semester 2020-2021

July 24, 2020(F)	Registration for Practice School II
July 24, 2020(F)	Practice School II begins
August 01 (S)	Eid-il-Zuha (H)*
August 12 (W)	Janmashtami (H)
August 15 (S)	Independence Day (H)
August 17(M)	First Semester begins
August 17(M)	Registration for all students
August 18 (T)	Class-work begins
August 22 (S)	Ganesh Chaturthi (H)
August 27 (Th)	Last day for substitution of courses
September 10 (Th) - September 20(Sun)	Test 1 (During scheduled class hour)
October 02 (F)	Mahatma Gandhi's Birthday (H)
October 9 (F) - October 20 (T)	Test 2 (During scheduled class hour)
October 24 (S)	Last day for submission of Application for Merit-Cum Need Scholarship
October 24 (S)	Last day of submission of Mid-semester grading
October 25 (Sun)	Dussehra (H)
October 26 (M)	Last day for withdrawal from courses
November 10 (T) - November 20 (F)	Test 3 (During scheduled class hour)
November 14(S)-15(Sun)	Diwali (H)
November 28 (S)	Last day of Pre-comprehensive total marks display
November 28 (S)	Last day for class work
November 30 (M)	Guru Nanak's Birthday (H)
December 01 (T)	Comprehensive Examination begins
December 16 (W)	Comprehensive Examination ends
December 16 (W)	First Semester ends
December 17 (Th) – January 05 (T)	Recess
December 19 (S)	Goa Liberation Day (H)
December 21 (M)	Practice School II ends
December 25 (F)	Christmas (H)
*_Observance of the holiday is subject to the sighting of the Moon._	

LEGEND

Column No.	Title	Explanation
1.	COM CODE	Computer Code of the Course
2.	COURSE NO	Course Number
3.	COURSE TITLE	Course Title
4.	CREDIT(L P U)	L and P correspond to Lecture and Practical component respectively and U is the total unit of the course
5.	SEC	Section number
6.	STAT	L =Lecture, T = Tutorial, P = Practical, I = Independent
7.	INSTRUCTOR-IN-CHARGE/Instructor	Instructor Name in CAPITAL LETTERS indicates INSTRUCTOR-IN-CHARGE Other Names are of Instructors
8.	DAYS/H	M = Monday T = Tuesday W = Wednesday TH = Thursday F = Friday S = Saturday H = Hour (1 = 8 AM , 2 = 9 AM …)
9.	ROOM	The letter(s) of the room number indicate the wing (A, B, C, CC, D) in which the room is located First digit indicates the floor: 1 for ground floor & 2 for first floor … Second and third digits form the serial number of the room. LT1, LT2, LT3, LT4, DLT5, DLT6 and DLT7 are the Lecture theatres 1, 2, 3, 4, 5, 6 and 7 respectively. D-Wing is the new academic block
10.	COMPREHENSIVE EXAM TIME	FN: 9.00 A.M. to 12.00 Noon AN: 2.00 P.M. to 5.00 P.M. (TBA= To Be Announced)

I. COURSE HANDOUT

Each course will have a Course Handout, which will describe all the operational details of the Course. This will be in two parts. While Part I describes the general operational details applicable to all courses, Part II will describe the specific details for a particular course in terms of lecture-wise plan, reference material, evaluation schedule, etc. The Part I of the handout is given below and the respective course instructors will distribute Part II of the handout to the students during the first week of classwork.

COURSE HANDOUT PART-I

1. **Textbook:** Refer to the Timetable for the Textbook of the course, and also in the course handout (Part II).

2.**Attendance:**   Every student is expected to be regular in attendance in all classes, laboratories, tests, quizzes, seminars, etc. and in fulfilling all tasks assigned to him/her. Attendance will be recorded.

3. **Home Assignment:** Every student must submit promptly and properly all home assignments. (For details see part II).

4. **Reading Assignment:** Every student must complete his / her reading assignment and come prepared to the class. (For details see part II).

5. **Evaluation:**

(II) Evaluation Scheme Guidelines

For all structured courses, the evaluation component shall include three Tests (Test 1:   September 10 (TH) - September 20(Sun), Test 2; October 9 (F) - October 20 (T), Test 3; November 10 (T) - November 20 (F)) and Comprehensive Examination, besides other evaluation components such as projects, seminars, term papers, assignments etc. The appropriate online platform for conducting the comprehensive exam will be announced by AUGSD/ AGSRD by November 15, 2020. In line with the spirit of continuous evaluation, the tests and other evaluation components shall be conducted by the course instructor(s) and it shall be evenly spaced throughout the semester. The following table provides necessary details that enable the IC to design the evaluation scheme in each of their structured course(s):

Evaluation Component	Weightage (%)	Duration (Minutes)	Date of Evaluation
Test 1	10 – 15	30	September 10 –September 20 (During scheduled class hour)
Test 2	10 – 15	30	October 09 –October 20 (During scheduled class hour)
Test 3	10 – 15	30	November 10 – November 20 (During scheduled class hour)
Other Evaluation Components (including lab component, quizzes, assignments etc.)	20 – 30	As desired by the Instructor(s)	Evenly spaced throughout the semester (To be completed by November 20)
Comprehensive Examination	25 - 35	120	As announced in the Timetable

6. **Make-up:**

Make-up for any component of evaluation will be given only in genuine cases of absence. If the absence is anticipated prior permission of the instructor-in-charge before the examination is necessary. In other exceptional circumstances the request for make-up should reach the Instructor-in- charge at the earliest.

7. **Return of EvaluatedAnswer books:**

Instructors will ensure timely return of the evaluated answer books with constructive feedback to students so as to facilitate desired learning as well as receive feedback prior to a subsequent evaluation component. This will be done within 10 days of the completion of the exam.

8. **Discussion of Performance:**

At the time of or before the distribution of evaluated answer books, performance vis-a-vis the expected correct answers will be discussed.The highest, lowest, and average marks will also be announced simultaneously.

9. **Mid-semester Grading:**

Mid-semester grading will be announced just after Test 2 in the third/fourth week of October on the basis of marks secured in Test 1, Test 2 and other evaluation components (completed by third week of October). The approximate range of weightage for mid-semester grading will be between 40 to 60%.It is done in the same manner as that of the final grading as explained below.

10.**Pre-comprehensive Total:**

Students must check their pre-comprehensive total of marks with their respective instructors before the comprehensive examination.

11.**Final Grading:**

The total marks of all students in the course will be tabulated in a descending order (equivalently a histogram). The performance of the class will be analysed in terms of average, highest and lowest marks and dividing lines between various clusters. Gaps between clusters and the nature of clusters will guide drawing the dividing lines between various grades. In a normal class of large size, the C-band will usually include the average mark. This is not a hard and fast rule, and exceptions may arise in cases of small classes or a skewed histogram etc. Border line cases will be decided on a case by case basis keeping in view the consistency of performance, progressive improvement, exceptionally good performance in comprehensive examination, regularity of attendance and class participation. If a student gives the instructor inadequate opportunity to evaluate him/her by absenting himself from various componentsof evaluation, he/she will get an NC report (ref. Academic Regulations 4.19, 4.20).

12. **Consultation Hours:**

Each instructor will specify his consultation hours during which the student can contact him/her for consultation.
(For details see part II)

13. **Notice:** Notices concerning a course will be displayed on the corresponding online course pages/ platform. Notices regarding Registrations, Tests and Comprehensive Examination will be communicated through official email.

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI- K. K. BIRLA GOA CAMPUS

TIMETABLE FIRST SEMESTER 2020- 2021

COM CODE	CLASS NUMBER AS IN ERP	COURSENO	COURSETITLE	CREDIT L P U	SEC	STAT	INSTRUCTOR IN CHARGE/Instructor	DAYS/ H	COMPRE DATE
021112	1011	BIO F211	BIOLOGICAL CHEMISTRY	3 0 3	L	1	RAVIPRASAD ADURI/ Meenal Kowshik/ Rajesh Mehrotra	T TH S 3	09/12/20 (FN)
021112	1012	BIO F211	BIOLOGICAL CHEMISTRY	3 0 3	T	1	Raviprasad Aduri/ Meenal Kowshik/ Rajesh Mehrotra	T 10	
021114	1241	BIO F212	MICROBIOLOGY	3 1 4	L	1	JUDITH MARIA BRAGANCA/ Utpal Roy/ Vijayashree Nayak	T TH S 4	03/12/20 (FN)
021114	1242	BIO F212	MICROBIOLOGY	3 1 4	P	1	Judith Maria Braganca, Utpal Roy, Vijayashree Nayak, Swetha Ramesh, Devika N Nagar, Zantye Pranjita Ganesh, Zakane Reshma Nanasaheb, Sneha Lata, Kodarkar Mamta Mangesh	T TH 9	
021113	1013	BIO F213	CELL BIOLOGY	3 0 3	L	1	ANGSHUMAN SARKAR/ Indrani Talukdar	M W F 3	05/12/20 (AN)
021113	1014	BIO F213	CELL BIOLOGY	3 0 3	T	1	Angshuman Sarkar/ Indrani Talukdar	T 8	
021115	1015	BIO F214	INTEGRATED BIOLOGY	3 0 3	L	1	SUMIT BISWAS/ Arnab Banerjee/ Rajesh Mehrotra	M W F 2	07/12/20 (FN)
021115	1016	BIO F214	INTEGRATED BIOLOGY	3 0 3	T	1	Sumit Biswas/ Arnab Banerjee/ Rajesh Mehrotra	F 10	
021651	1154	BIO F266	STUDY PROJECT	3	R	1	SRIKANTH MUTNURI		
021427	1017	BIO F311	RECOMBINANT DNA TECH	3 0 3	L	1	SAMIT CHATTOPADHYAY	M W F 8	14/12/20 (FN)
021427	1018	BIO F311	RECOMBINANT DNA TECH	3 0 3	T	1	Samit Chattopadhyay	F 10	
021428	1019	BIO F312	PLANT PHYSIOLOGY	3 0 3	L	1	SANDHYA MEHROTRA/ Kundan Kumar	T TH S 2	01/12/20 (AN)
021428	1020	BIO F312	PLANT PHYSIOLOGY	3 0 3	T	1	Sandhya Mehrotra/ Kundan Kumar	T 9	
021429	1021	BIO F313	ANIMAL PHYSIOLOGY	3 0 3	L	1	DIBAKAR CHAKRABARTY	M W F 9	11/12/20 (FN)
021429	1022	BIO F313	ANIMAL PHYSIOLOGY	3 0 3	T	1	Dibakar Chakrabarty	TH 10	
021650	1155	BIO F366	LABORATORY PROJECT	3	R	1	SRIKANTH MUTNURI		
021736	1156	BIO F367	LABORATORY PROJECT	3	R	1	SRIKANTH MUTNURI		
021685	1157	BIO F376	DESIGN PROJECT	3	R	1	SRIKANTH MUTNURI		
021752	1158	BIO F377	DESIGN PROJECT	3	R	1	SRIKANTH MUTNURI		
021433	1643	BIO F417	BIOMOLECULAR MODELING	3 0 3	L	1	SUKANTA MONDAL/ Raviprasad Aduri	M W F 7	12/08/20 (FN)
021434	1644	BIO F418	GENETIC ENGINEERING TECH	1 3 4	L	1	KUNDAN KUMAR/ Malabika Biswas/ Tusar Tirtha Saha	F 8	TBA
021434	1645	BIO F418	GENETIC ENGINEERING TECH	1 3 4	P	1	Kundan Kumar, Malabika Biswas, Tusar Tirtha Saha, Nilesh Lakshman Dahibhate, Vijaya, Karle Suhas Balasaheb, Roumik Banerjee, Vivek Ratre	M W 8	
021441	1646	BIO F431	REPRODUCTIVE PHYSIOLOGY	3 03	L	1	DIBAKAR CHAKRABARTY/ Arnab Banerjee	T TH S 3	09/12/20 (AN)
022122	1708	BIO G510	APP OF COMP & STAT IN BIO	5	L	1	SUKANTA MONDAL/ Veeky Baths	T TH S 4	03/12/20 (FN)
020071	1024	BIO G512	MOLEC MECH OF GENE EXPRE	3 2 5	L	1	MALABIKA BISWAS/ Sumit Biswas	T TH S 3	09/12/20 (AN)
020392	1247	BIO G514	MOLECULAR IMMUNOLOGY	3 2 5	L	1	VIJAYASHREE NAYAK	M W F 4	10/12/20 (FN)
020111	1243	BIO G515	STEM CELL & REGENER BIO	3 1 4	L	1	ANASUYA GANGULY	T TH S 2	01/12/20 (AN)
022009	1025	BIO G523	ADV & APPLIED MICROBIO	3 2 5	L	1	MEENAL KOWSHIK	M W F 9	11/12/20 (FN)

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022007	1026	BIO G525	ENVIR BIOTECH & WAS MGMT	3 2 5	L	1	SRIKANTH MUTNURI	M W F 3	05/12/20 (AN)
020192	1244	BIO G526	CANCER BIOLOGY	3 2 5	L	1	INDRANI TALUKDAR/ Angshuman Sarkar	T TH S 5	02/12/20 (FN)
020151	1027	BIO G542	ADVANCED CELL MOLE BIO	5	L	1	UTPAL ROY	M W F 2	TBA
022016	1694	BIO G612	HUMAN GENETICS	3 2 5	L	1	ANASUYA GANGULY	M W F 8	14/12/20 (FN)
022018	1695	BIO G661	GENE TOXICOLOGY	3 1 4	L	1	RAJESH MEHROTRA/ Arnab Banerjee	T TH 7 TH 10	15/12/20 (FN)
022018	1696	BIO G661	GENE TOXICOLOGY	3 1 4	P	1	Rajesh Mehrotra, Arnab Banerjee		
021372	1572	BIOT F346	GENOMICS	3 0 3	L	1	TUSAR TIRTHA SAHA/ Sandhya Mehrotra	M W F 7	12/12/20 (AN)
020549	1251	BITS C790T	INDEPENDENT STUDY	2	R	1	BHARAT M DESHPANDE		
020596	1253	BITS C791T	TEACHING PRACTICE I	1	R	1	BHARAT M DESHPANDE		
020520	1250	BITS C797T	PH D SEMINAR	1	R	1	BHARAT M DESHPANDE		
020553	1252	BITS C799T	PH D THESIS	10	R	1	BHARAT M DESHPANDE		
022120	1707	BITS E573	STUDY IN ADV TOPIC I	5	R	1	BHARAT M DESHPANDE		
022101	1701	BITS E661	RESEARCH METHODOLOGY I	5	R	1	BHARAT M DESHPANDE		
020857	1256	BITS E793T	PRACTICE LECT SERIES I	1	R	1	BHARAT M DESHPANDE		
021632	1235	BITS F225	ENVIRONMENTAL STUDIES	3 0 3	L	1	JUDITH MARIA BRAGANCA	TBA	TBA
021334	1564	BITS F312	NEURAL NET & FUZZY LOGIC	3 0 3	L	1	BASABDATTA SEN BHATTACHARYA	M T W 11	15/12/20 (FN)
022277	1716	BITS F314	GAME THEORY & ITS APPLICATION	3 0 3	L	1	RICHA SHUKLA/ Aishwarya Desai	M W F 7	12/08/20 (FN)
022265	1713	BITS F315	INTRODUCTION TO COGNITIVE NEUR	3 0 3	L	1	VEEKY BATHS	M W F 5	04/12/20 (FN)
021791	1216	BITS F382	READING COURSE	3	I	1	BHAVANA P		
021809	1681	BITS F417	MICRO-FLUIDICS & ITS APP	4	L	1	JEGATHA NAMBI KRISHNAN	T TH S 2	01/12/20 (AN)
021593	1217	BITS F421T	THESIS	16	R	1	BHARAT M DESHPANDE		
021616	1218	BITS F422T	THESIS	16	R	1	BHARAT M DESHPANDE		
021617	1219	BITS F423T	THESIS	9	R	1	BHARAT M DESHPANDE		
021619	1220	BITS F424T	THESIS	9	R	1	BHARAT M DESHPANDE		
022001	1236	BITS F437	TECHNICAL COMMUNICATION	3 0 3	L	1	AMITENDU BHATTACHARYA/ Gokul Sisir/ Mahesh K Varghese	T TH 5-6:30 PM	TBA
021338	1565	BITS F463	CRYPTOGRAPHY	3 0 3	L	1	SANJAY KUMAR SAHAY	M W F 7	12/08/20 (FN)
021339	1566	BITS F464	MACHINE LEARNING	3 0 3	L	1	ASHWIN SRINIVASAN/ Tirtharaj Dash	T TH S 5	02/12/20 (AN)
021379	1573	BITS F467	BIOETHICS & BIOSAFETY	3 0 3	L	1	SUMIT BISWAS	M W F 5	04/12/20 (FN)
020499	1221	BITS G511	ADVANCED PROJECT	5	L	1	BHARAT M DESHPANDE		
020547	1222	BITS G513	STUDY IN ADVANCED TOPICS	5	I	1	BHARAT M DESHPANDE/ Srikanth Mutnuri	TBA	TBA
022294	1028	BITS G518	WRITING SEMINAR	3 2 5	L	1	LAKSHMI SUBRAMANIAN/ Arnab Singha/ Naik Priteegandha Gopal	TBA	TBA
020754	1223	BITS G529	RESEARCH PROJECT I	6	R	1	BHARAT M DESHPANDE		
020755	1224	BITS G539	RESEARCH PROJECT II	6	R	1	BHARAT M DESHPANDE		
022003	1225	BITS G540	RESEARCH PRACTICE	4	R	1	BHARAT M DESHPANDE		
020009	1029	BITS G553	REAL TIME SYSTEMS	5	L	1	KIZHEPPATT VIPIN / Anupama K R	T TH S 3	09/12/20 (AN)

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020009	1030	BITS G553	REAL TIME SYSTEMS	5	P	1	Kizheppatt Vipin / Anupama K R		
022164	1226	BITS G562T	DISSERTATION	16	R	1	BHARAT M DESHPANDE		
022165	1227	BITS G563T	DISSERTATION	16	R	1	BHARAT M DESHPANDE		
020753	1228	BITS G619	PROFESSIONAL PRACTICE	4	L	1	BHARAT M DESHPANDE		
020757	1229	BITS G649	READING COURSE	5	I	1	BHARAT M DESHPANDE		
020601	1230	BITS G654	ADV INSTRUMENTATION TECH	5	L	1	BHARAT M DESHPANDE		
022167	1231	BITS G661	RESEARCH METHODOLOGY I	5	R	1	BHARAT M DESHPANDE		
022167	1231	BITS G661	RESEARCH METHODOLOGY I	5	R	1	Reena Cheruvalath	TBA	TBA
021069	1031	CHE F211	CHEMICAL PROCESS CALCULA	3 0 3	L	1	PRADEEP KUMAR SOW	M W F 3	05/12/20 (FN)
021069	1032	CHE F211	CHEMICAL PROCESS CALCULA	3 0 3	T	1	Pradeep Kumar Sow/ Akanksha Gavendra	TH 8	
021072	1033	CHE F212	FLUID MECHANICS	3 0 3	L	1	SAROJ SUNDAR BARAL/ Vivek Rangarajan	M 2 T TH 4	03/12/20 (FN)
021072	1034	CHE F212	FLUID MECHANICS	3 0 3	T	1	Saroj Sundar Baral/ Vivek Rangarajan/ Mohd Mubashshir	T 10	
021071	1035	CHE F213	CHEM ENGG THERMODYNAMICS	3 0 3	L	1	ANIRBAN ROY	W 2 T TH 3	09/12/20 (FN)
021071	1036	CHE F213	CHEM ENGG THERMODYNAMICS	3 0 3	T	1	Anirban Roy/ Anupam Mukherjee	M 10	
021070	1037	CHE F214	ENGINEERING CHEMISTRY	3 0 3	L	1	MANJURI KUMAR	M W F 4	10/12/20 (AN)
021070	1038	CHE F214	ENGINEERING CHEMISTRY	3 0 3	T	1	Manjuri Kumar/ Parsekar Sidhali Uday	TH 9	
021653	1160	CHE F266	STUDY PROJECT	3	I	1	SAROJ SUNDAR BARAL		
021184	1039	CHE F311	KINETICS & REACTOR DESIG	3 0 3	L	1	SRINIVAS KRISHNASWAMY	M W F 4	10/12/20 (FN)
021184	1040	CHE F311	KINETICS & REACTOR DESIG	3 0 3	T	1	Srinivas Krishnaswamy/ Kadu Kavita Haribhau	F 10	
021185	1041	CHE F312	CHEMICAL ENGG LAB I	0 3 3	P	1	AMOL DESHPANDE, Asima Shaukat, Jegatha Nambi Krishnan, Richa Singhal, Aakanksha M. ., Akanksha Gavendra, Akshat Khandelwal ., Amina F, Anjali Adnyan Meshram, Anupam Mukherjee, Ashwin Y, Chandresh Kumar Dwivedi, Gnanakumar Barani ., Harsha Vardhan Thodupunoori, Ishita, Jasneet Kaur Pala ., Kadu Kavita Haribhau, Kancherla Aashish Moses, Kharote Shravani Pankaj ., Mohd Mubashshir, Neela Gayathri G, Parsekar Sidhali Uday, Puneeth Tuppaturi, Satyam Shree ., Shahi Anmol Vinodkumar ., Shriram Radhakanth, Simarpreet Singh Lion ., V Kaarthick Raaaja, Vaidya , Vinoth Kannan S R	T TH 7 8 9	TBA
021186	1042	CHE F313	SEPARATION PROCESSES II	3 0 3	L	1	RICHA SINGHAL/ Manjuri Kumar	T TH S 4	03/12/20 (AN)
021186	1043	CHE F313	SEPARATION PROCESSES II	3 0 3	T	1	Richa Singhal/ Manjuri Kumar/ Ishita	TH 11	
021187	1044	CHE F314	PROCESS DES PRINCIPLES I	3 0 3	L	1	SAMPATRAO D MANJARE	T TH 5 F 2	02/12/20 (FN)

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021187	1045	CHE F314	PROCESS DES PRINCIPLES I	3 0 3	T	1	Sampatrao D Manjare/ V Kaarthick Raaaja	T 10	
021668	1161	CHE F366	LABORATORY PROJECT	3	I	1	SAROJ SUNDAR BARAL		
021738	1162	CHE F367	LABORATORY PROJECT	3	I	1	SAROJ SUNDAR BARAL		
021687	1163	CHE F376	DESIGN PROJECT	3	I	1	SAROJ SUNDAR BARAL		
021754	1164	CHE F377	DESIGN PROJECT	3	I	1	SAROJ SUNDAR BARAL		
021201	1529	CHE F414	TRANSPORT PHENOMENA	3 0 3	L	1	ASIMA SHAUKAT	M W F 3	05/12/20 (AN)
021210	1533	CHE F415	MOLEC & STAT THERMODYN	3 0 3	L	1	PARAMITA HALDAR	M W F 8	14/12/20 (FN)
021211	1534	CHE F416	PROCESS PLANT DES PRO I	3	R	1	JEGATHA NAMBI KRISHNAN		
021212	1535	CHE F417	PROCESS PLANT DES PRO II	3	R	1	JEGATHA NAMBI KRISHNAN		
021205	1531	CHE F421	BIOCHEMICAL ENGINEERING	3 0 3	L	1	VIVEK RANGARAJAN	M W F 9	11/12/20 (FN)
022178	1709	CHE F422	PETROLEUM REFINING TECHNOLOGY	3 0 3	L	1	AMOL DESHPANDE	M W F 5	04/12/20 (AN)
021202	1530	CHE F433	CORROSION ENGINEERING	3 0 3	L	1	SUTAPA ROY RAMANAN	T TH S 3	09/12/20 (AN)
022002	1046	CHE G523	MATH METHODS IN CHEM ENG	3 2 5	L	1	SHARAD SONTAKKE	M W F 4	10/12/20 (AN)
022084	1700	CHE G528	INTO TO NANO SCI & TECH	3 1 4	L	1	SUTAPA ROY RAMANAN	M W F 2	07/12/20 (AN)
020618	1254	CHE G613	ADVANCED MASS TRANSFER	5	L	1	SAROJ SUNDAR BARAL	M W F 5	04/12/20 (AN)
022032	1048	CHE G622	ADV CHEMICAL ENGG THERMO	3 2 5	L	1	SRINIVAS KRISHNASWAMY	T TH S 2	01/12/20 (AN)
021116	1049	CHEM F211	PHYSICAL CHEMISTRY I	3 0 3	L	1	RANJAN DEY/ Jayadevan K P	M W F 4	10/12/20 (AN)
021116	1050	CHEM F211	PHYSICAL CHEMISTRY I	3 0 3	T	1	Ranjan Dey/ Jayadevan K P	T 8	
021117	1051	CHEM F212	ORGANIC CHEMISTRY I	3 0 3	L	1	MAINAK BANERJEE/ Rashmi Chauhan	T TH S 4	03/12/20 (FN)
021117	1052	CHEM F212	ORGANIC CHEMISTRY I	3 0 3	T	1	Mainak Banerjee/ Rashmi Chauhan	TH 8	
021118	1053	CHEM F213	PHYSICAL CHEMISTRY II	3 0 3	L	1	ANJAN CHATTOPADHYAY/ Raghu Nath Behera	T TH S 3	09/12/20 (FN)
021118	1054	CHEM F213	PHYSICAL CHEMISTRY II	3 0 3	T	1	Anjan Chattopadhyay/ Raghu Nath Behera	T 9	
021119	1055	CHEM F214	INORGANIC CHEMISTRY I	3 0 3	L	1	ADITYA PRASAD KOLEY/ Rabi Narayan Panda	M W F 3	05/12/20 (AN)
021119	1056	CHEM F214	INORGANIC CHEMISTRY I	3 0 3	T	1	Aditya Prasad Koley/ Rabi Narayan Panda	TH 9	
021654	1166	CHEM F266	STUDY PROJECT	3	I	1	TINCY LIS THOMAS		
021559	1057	CHEM F311	ORGANIC CHEMISTRY III	3 0 3	L	1	AMRITA CHATTERJEE/ Subhasish Roy	M W F 9	11/12/20 (FN)
021559	1058	CHEM F311	ORGANIC CHEMISTRY III	3 0 3	T	1	Amrita Chatterjee/ Subhasish Roy	TH 10	
021560	1059	CHEM F312	PHYSICAL CHEMISTRY IV	3 0 3	L	1	RAGHU NATH BEHERA/ Vankayala Kiran	M W F 8	14/12/20 (FN)
021560	1060	CHEM F312	PHYSICAL CHEMISTRY IV	3 0 3	T	1	Raghu Nath Behera/ Vankayala Kiran	F 10	
021558	1061	CHEM F313	INSTRU METHODS OF ANAL	3 1 4	L	1	PRAKASH HALAN/ Aditya Prasad Koley/ Sunil Bhand/ Bhavana P/ Vankayala Kiran	T TH S 2	01/12/20 (AN)
021558	1062	CHEM F313	INSTRU METHODS OF ANAL	3 1 4	P	1	Prakash Halan, Aditya Prasad Koley, Sunil Bhand, Bhavana P, Vankayala Kiran, Sapna Sudan, Neha Saran, Sharanabasava D Hiremath, Gupta Smita Pancham, Shraddha Paniya, Gandhi Jemi Kamlesh	T 7 8 9	
021583	1667	CHEM F333	CHEMISTRY OF MATERIALS	3 0 3	L	1	RASHMI CHAUHAN/ Narendra Nath Ghosh	M W F 5	04/12/20 (AN)

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021585	1668	CHEM F335	ORGANIC CHEM & DRUG DES	3 0 3	L	1	SUBHADEEP BANERJEE/ Raghu Nath Behera	M T W 11	15/12/20 (FN)
021669	1167	CHEM F366	LABORATORY PROJECT	3	I	1	TINCY LIS THOMAS		
021739	1168	CHEM F367	LABORATORY PROJECT	3	I	1	TINCY LIS THOMAS		
021688	1169	CHEM F376	DESIGN PROJECT	3	I	1	PRAKASH HALAN		
021755	1170	CHEM F377	DESIGN PROJECT	3	I	1	PRAKASH HALAN		
021578	1666	CHEM F414	BIO & CHEMICAL SENSORS	3 03	L	1	SUNIL BHAND	M W F 7	12/08/20 (FN)
021713	1171	CHEM F491	SPECIAL PROJECT	3	R	1	PRAKASH HALAN		
021094	1728	CS F211	DATA STRUCTURES & ALGO	3 1 4	L	1	ABHISHEK KUMAR SINGH	M W F 7	12/08/20 (FN)
021094	1729	CS F211	DATA STRUCTURES & ALGO	3 1 4	P	1	Abhishek Kumar Singh	F 8 9	
021092	1063	CS F213	OBJECT ORIENTED PROG	3 1 4	L	1	NEENA GOVEAS	T TH S 3	09/12/20 (FN)
021092	1064	CS F213	OBJECT ORIENTED PROG	3 1 4	P	1	Neena Goveas, Soumyadip Bandyopadhyay	TH 8 9	
021090	1065	CS F214	LOGIC IN COMPUTER SC	3 0 3	L	1	A BASKAR	M W F 3	05/12/20 (FN)
021090	1066	CS F214	LOGIC IN COMPUTER SC	3 0 3	T	1	A Baskar/ Abhishek Kumar Singh	M 10	
021093	1433	CS F215	DIGITAL DESIGN	3 1 4	L	1	ABHIJIT PETHE	M W F 5	03/12/20 (FN)
021093	1434	CS F215	DIGITAL DESIGN	3 1 4	L	2	Ravi Kadlimatti	M W F 5	
021093	1435	CS F215	DIGITAL DESIGN	3 1 4	L	3	Sudeep Baudha/ Sarang C Dhongdi	M W F 8	
021093	1436	CS F215	DIGITAL DESIGN	3 1 4	L	4	Hrishikesh Sonalikar	T TH S 5	
021093	1441	CS F215	DIGITAL DESIGN	3 1 4	T	1	Abhijit Pethe	TH 7	
021093	1442	CS F215	DIGITAL DESIGN	3 1 4	T	2	Ravi Kadlimatti	TH 7	
021093	1443	CS F215	DIGITAL DESIGN	3 1 4	T	3	Sarang C Dhongdi	TH 7	
021093	1444	CS F215	DIGITAL DESIGN	3 1 4	T	4	Hrishikesh Sonalikar	TH 7	
021093	1445	CS F215	DIGITAL DESIGN	3 1 4	T	5	Sudeep Baudha	TH 7	
021093	1446	CS F215	DIGITAL DESIGN	3 1 4	T	6	Noel Prashant Ratchagar	TH 7	
021093	1437	CS F215	DIGITAL DESIGN	3 1 4	P	1	Noel Prashant Ratchagar, Prateek Singh, Swati Varun Yadav, Suraj S, Jerry Anto K	T 4 5	
021093	1438	CS F215	DIGITAL DESIGN	3 1 4	P	2	Sudeep Baudha, Ravi Kadlimatti, Afroz Fatima, Swati Varun Yadav, Joshi Viraj Vilas	T 7 8	
021093	1439	CS F215	DIGITAL DESIGN	3 1 4	P	3	Pramila, Ansa Shermin S, Manish Varun Yadav, Jerry Anto K, Suraj S	F 4 5	
021091	1069	CS F222	DISCR STRUC FOR COMP SCI	3 0 3	L	1	ANUP BASIL MATHEW	M W F 2	07/12/20 (FN)
021091	1070	CS F222	DISCR STRUC FOR COMP SCI	3 0 3	T	1	Anup Basil Mathew/ Sujith Thomas	T 10	
021655	1172	CS F266	STUDY PROJECT	3	I	1	VINAYAK SHASHIKANT NAIK		
021316	1071	CS F301	PRINCIPLES OF PROGG LANG	2 0 2	L	1	RAMPRASAD JOSHI	T TH S 4	03/12/20 (AN)
021316	1072	CS F301	PRINCIPLES OF PROGG LANG	2 0 2	T	1	Ramprasad Joshi	F 10	
022266	1714	CS F320	FOUNDATIONS OF DATA SCIENCE	3 03	L	1	SNEHANSHU SAHA	M W F 5	04/12/20 (FN)
021317	1073	CS F342	COMPUTER ARCHITECTURE	3 1 4	L	1	KANCHAN MANNA	T TH S 2	01/12/20 (AN)

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021317	1074	CS F342	COMPUTER ARCHITECTURE	3 1 4	P	1	Kanchan Manna, Shubhangi Gawali, Basabdatta Sen Bhattacharya	T 8 9	
021314	1075	CS F351	THEORY OF COMPUTATION	3 0 3	L	1	PRITAM BHATTACHARYA	M W F 3	05/12/20 (AN)
021314	1076	CS F351	THEORY OF COMPUTATION	3 0 3	T	1	Pritam Bhattacharya/ Ramprasad Joshi	M 10	
021670	1173	CS F366	LABORATORY PROJECT	3	I	1	SWATI AGARWAL		
021740	1174	CS F367	LABORATORY PROJECT	3	I	1	SWATI AGARWAL		
021315	1077	CS F372	OPERATING SYSTEMS	3 0 3	L	1	BIJU K R	M W F 4	10/12/20 (FN)
021315	1078	CS F372	OPERATING SYSTEMS	3 0 3	T	1	Biju K R	TH 7	
021689	1175	CS F376	DESIGN PROJECT	3	I	1	SWATI AGARWAL		
021756	1176	CS F377	DESIGN PROJECT	3	I	1	SWATI AGARWAL		
021333	1563	CS F407	ARTIFICIAL INTELLIGENCE	3 0 3	L	1	SUJITH THOMAS	M W F 8	14/12/20 (FN)
021857	1687	CS F469	INFORMATION RETRIEVAL	3 0 3	L	1	SWATI AGARWAL	M W F 9	11/12/20 (FN)
022106	1702	CS G520	ADVANCED DATA MINING	3 1 4	L	1	HEMANT RATHORE	M W F 2	07/12/20 (AN)
022004	1079	CS G525	ADV COMPUTER NETWORKS	3 2 5	L	1	RAJ KUMAR JAISWAL	T TH S 2	01/12/20 (AN)
022005	1080	CS G526	ADV ALGO & COMPLEXITY	3 2 5	L	1	BHARAT M DESHPANDE	T TH S 4	TBA
020300	1245	CS G541	PERVASIVE COMPUTING	4	L	1	VINAYAK SHASHIKANT NAIK	T TH 7 W 10	TBA
020918	1257	CS G553	RECONFIGURABLE COMPUTING	5	L	1	AMALIN PRINCE	M W F 9	11/12/20 (FN)
020918	1258	CS G553	RECONFIGURABLE COMPUTING	5	P	1	Amalin Prince		
020782	1081	CS G623	ADVANCED OPERAT SYSTEMS	3 2 5	L	1	SHUBHANGI GAWALI	M W F 3	TBA
020362	1082	DE G531	PRODUCT DESIGN	3 2 5	L	1	KARTHIKEYAN G	T TH S 3	09/12/20 (FN)
020678	1083	DE G611	DYNAMICS & VIBRATION	5	L	1	SANDEEP JOSE	T TH S 2	01/12/20 (AN)
020625	1084	DE G631	MATERIALS TECH & TESTING	5	L	1	CHAUDHARI VIKAS VINAYAK	M W F 4	10/12/20 (FN)
021380	1574	ECE F211	ELECTRICAL MACHINES	3 1 4	L	1	Soumyabrata Barik	M W F 4	10/12/20 (AN)
021380	1576	ECE F211	ELECTRICAL MACHINES	3 1 4	L	2	NARAYAN SURESH MANJAREKAR	T TH S 4	
021380	1734	ECE F211	ELECTRICAL MACHINES	3 1 4	T	1	Narayan Suresh Manjarekar	T 10	
021380	1735	ECE F211	ELECTRICAL MACHINES	3 1 4	T	2	Soumyabrata Barik	T 10	
021380	1736	ECE F211	ELECTRICAL MACHINES	3 1 4	T	3	Gautam G Bacher	T 10	
021380	1577	ECE F211	ELECTRICAL MACHINES	3 1 4	P	1	Soumyabrata Barik, Ravishankar Prakash Desai, D R Karthik	T 7 8	
021380	1578	ECE F211	ELECTRICAL MACHINES	3 1 4	P	2	Gautam G Bacher, Vivek K P Chandran, D R Karthik, Ravishankar Prakash Desai	W 2 3	
021380	1579	ECE F211	ELECTRICAL MACHINES	3 1 4	P	3	Narayan Suresh Manjarekar, Gautam G Bacher, Gopika R	TH 8 9	

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021380	1733	ECE F211	ELECTRICAL MACHINES	3 1 4	P	4	Soumyabrata Barik, Rakesh R Warier, D R Karthik, Gopika R	S 2 3	
021381	1587	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	L	1	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	07/12/20 (FN)
021381	1588	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	L	2	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021381	1589	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	L	3	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021381	1590	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	L	4	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021381	1591	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	L	5	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021381	1592	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	L	6	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021381	1593	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	L	7	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021381	1594	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	L	8	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021381	1595	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	T	1	RAGHUNATH RATABOLE/ Deepak Pn	W F 2	
021381	1596	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	T	2	Raghunath Ratabole/ Kinjal Banerjee	W 2 TH 7	
021381	1597	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	T	3	Raghunath Ratabole/ Ram Shanker Patel	W F 2	
021381	1598	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	T	4	Raghunath Ratabole/ Nanda Kumar Patincharath	W F 2	
021381	1599	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	T	5	Raghunath Ratabole/ Deepak Pn	TH S 2	
021381	1600	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	T	6	Raghunath Ratabole/ Kinjal Banerjee	TH S 2	
021381	1601	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	T	7	Raghunath Ratabole/ Ram Shanker Patel	TH S 2	
021381	1602	ECE F212	ELECTROMAGNETIC THEO I	3 0 3	T	8	Raghunath Ratabole/ Nanda Kumar Patincharath	TH S 2	
021383	1619	ECE F214	ELECTRONIC DEVICES	3 0 3	L	1	RAMESHA C K	M W F 3	05/12/20 (FN)
021383	1620	ECE F214	ELECTRONIC DEVICES	3 0 3	L	2	Pramila	T TH S 3	
021383	1621	ECE F214	ELECTRONIC DEVICES	3 0 3	L	3	Abhijit Pethe	T TH S 3	
021383	1622	ECE F214	ELECTRONIC DEVICES	3 0 3	T	1	Ramesha C K	M 10	
021383	1623	ECE F214	ELECTRONIC DEVICES	3 0 3	T	2	Pramila	M 10	
021383	1624	ECE F214	ELECTRONIC DEVICES	3 0 3	T	3	Abhijit Pethe	M 10	
021382	1603	ECE F215	DIGITAL DESIGN	3 1 4	L	1	ABHIJIT PETHE	M W F 5	03/12/20 (FN)
021382	1604	ECE F215	DIGITAL DESIGN	3 1 4	L	2	Ravi Kadlimatti	M W F 5	
021382	1605	ECE F215	DIGITAL DESIGN	3 1 4	L	3	Sudeep Baudha/ Sarang C Dhongdi	M W F 8	
021382	1606	ECE F215	DIGITAL DESIGN	3 1 4	L	4	Hrishikesh Sonalikar	T TH S 5	
021382	1613	ECE F215	DIGITAL DESIGN	3 1 4	T	1	Abhijit Pethe	TH 7	
021382	1614	ECE F215	DIGITAL DESIGN	3 1 4	T	2	Ravi Kadlimatti	TH 7	
021382	1615	ECE F215	DIGITAL DESIGN	3 1 4	T	3	Sarang C Dhongdi	TH 7	
021382	1616	ECE F215	DIGITAL DESIGN	3 1 4	T	4	Hrishikesh Sonalikar	TH 7	

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021382	1617	ECE F215	DIGITAL DESIGN	3 1 4	T	5	Sudeep Baudha	TH 7	
021382	1618	ECE F215	DIGITAL DESIGN	3 1 4	T	6	Noel Prashant Ratchagar	TH 7	
021382	1607	ECE F215	DIGITAL DESIGN	3 1 4	P	1	Noel Prashant Ratchagar, Ansa Shermin S, Prateek Singh, Joshi Viraj Vilas, Jerry Anto K, Suraj S	M 2 3	
021382	1608	ECE F215	DIGITAL DESIGN	3 1 4	P	2	Sudeep Baudha, Ravi Kadlimatti, Afroz Fatima, Swati Varun Yadav, Joshi Viraj Vilas	T 7 8	
021382	1609	ECE F215	DIGITAL DESIGN	3 1 4	P	3	Sudeep Baudha, Ravi Kadlimatti, Joshi Viraj Vilas, Afroz Fatima, Manish Varun Yadav, Prateek Singh	TH 2 3	
021382	1610	ECE F215	DIGITAL DESIGN	3 1 4	P	4	Pramila, Afroz Fatima, Ansa Shermin S, Manish Varun Yadav, Swati Varun Yadav	TH 8 9	
021701	1178	ECE F266	STUDY PROJECT	3	R	1	RAKESH R WARIER		
021389	1628	ECE F311	COMMUNICATION SYSTEMS	3 1 4	L	1	RAGHURAMA GUNAJE / Nitin Sharma	M W F 4	10/12/20 (FN)
021389	1630	ECE F311	COMMUNICATION SYSTEMS	3 1 4	P	1	Anurag Nishad ,Nitin Sharma, Rakesh R Warier, Somesula Sivasagar N N, Rahul Bajpai	M 8 9	
021389	1631	ECE F311	COMMUNICATION SYSTEMS	3 1 4	P	2	Anurag Nishad, Hrishikesh Sonalikar, Aparna A P, Abhijit Dey	T 7 8	
021389	1632	ECE F311	COMMUNICATION SYSTEMS	3 1 4	P	3	Nitin Sharma, Ashish Chittora, Naveen Gupta, Rakesh R Warier, Aparna A P, Rahul Bajpai	TH 8 9	
021389	1633	ECE F311	COMMUNICATION SYSTEMS	3 1 4	P	4	Ashish Chittora, Hrishikesh Sonalikar,Naveen Gupta, Abhijit Dey, Somesula Sivasagar N N	F 7 8	
021388	1625	ECE F314	EM FIELDS & MICRO ENGG	3	L	1	SUDEEP BAUDHA/ Ashish Chittora	M W F 3	05/12/20 (AN)
021388	1626	ECE F314	EM FIELDS & MICRO ENGG	3	T	1	Sudeep Baudha	M 10	
021388	1627	ECE F314	EM FIELDS & MICRO ENGG	3	T	2	Ashish Chittora	M 10	
021702	1179	ECE F366	LABORATORY PROJECT	3	R	1	RAKESH R WARIER		
021705	1180	ECE F367	LABORATORY PROJECT	3	R	1	RAKESH R WARIER		
021703	1181	ECE F376	DESIGN PROJECT	3	R	1	RAKESH R WARIER		
021706	1182	ECE F377	DESIGN PROJECT	3	R	1	RAKESH R WARIER		
021396	1730	ECE F416	DIGITAL COMMUNICATION	3 0 3	L	1	NAVEEN GUPTA	T TH S 3	09/12/20 (AN)
021397	1641	ECE F418	MOD COMMUNICATION TECH	3 0 3	L	1	NAVEEN GUPTA	M W F 5	04/12/20 (AN)
021394	1640	ECE F431	MOBILE TELECOM NETWORKS	3 03	L	1	NITIN SHARMA	T TH S 3	09/12/20 (AN)
021392	1636	ECE F434	DIGITAL SIGNAL PROCESS	3 1 4	L	1	SARANG C DHONGDI	M W F 2	07/12/20 (AN)
021392	1637	ECE F434	DIGITAL SIGNAL PROCESS	3 1 4	P	1	Sarang C Dhongdi, Anjli Varghese	T 7 8	
021392	1638	ECE F434	DIGITAL SIGNAL PROCESS	3 1 4	P	2	Anurag Nishad, Anjli Varghese	TH 7 8	
021393	1639	ECE F472	SATELLITE COMMUNICATION	3 03	L	1	MUKUND KESHAVRAO DESHMUKH	M W F 5	04/12/20 (AN)
021023	1085	ECON F211	PRINCIPLES OF ECONOMICS	3 03	L	1	ARFAT AHMAD SOFI/ Sukumar Vellakkal	T TH S 4	03/12/20 (FN)
021023	1086	ECON F211	PRINCIPLES OF ECONOMICS	3 03	T	1	Arfat Ahmad Sofi/ Sukumar Vellakkal/ Renjith Raj	M 10	

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021120	1087	ECON F212	FUNDA OF FIN AND ACCOUNT	3 0 3	L	1	RITIKA JAISWAL/ Saripalli Venkata Raman	TH 11 12 S 8	15/12/20 (FN)
021120	1088	ECON F212	FUNDA OF FIN AND ACCOUNT	3 0 3	T	1	Ritika Jaiswal/ Saripalli Venkata Raman/ Naik Sankalp Purushottam	S 9	
021121	1089	ECON F213	MATHEMATIC & STAT METHOD	3 0 3	L	1	RAJORSHI SEN GUPTA/ Richa Shukla	M W F 3	05/12/20 (AN)
021121	1090	ECON F213	MATHEMATIC & STAT METHOD	3 0 3	T	1	Rajorshi Sen Gupta/ Richa Shukla/ Abinash Singh	TH 8	
021145	1091	ECON F214	ECONOMIC ENV OF BUSINESS	3 0 3	L	1	MRIDULA GOEL/ Arfat Ahmad Sofi	M W F 4	10/12/20 (FN)
021145	1092	ECON F214	ECONOMIC ENV OF BUSINESS	3 0 3	T	1	Mridula Goel/ Arfat Ahmad Sofi	T 8	
021656	1184	ECON F266	STUDY ORIENTED PROJECT	3	R	1	RICHA SHUKLA		
021446	1093	ECON F311	INTERNATIONAL ECONOMICS	3 0 3	L	1	RAJORSHI SEN GUPTA	M W F 9	11/12/20 (FN)
021446	1094	ECON F311	INTERNATIONAL ECONOMICS	3 0 3	T	1	Rajorshi Sen Gupta/ King David Kweku Botchway	T 9	
021447	1095	ECON F312	MONEY BANK & FIN MARKETS	3 0 3	L	1	SUKUMAR VELLAKKAL	M W F 8	14/12/20 (FN)
021447	1096	ECON F312	MONEY BANK & FIN MARKETS	3 0 3	T	1	Sukumar Vellakkal/ Abinash Singh	W 10	
021448	1097	ECON F313	ISSUES IN ECONOMIC DEV	3 0 3	L	1	DEBASIS PATNAIK/ Arfat Ahmad Sofi	T TH S 2	01/12/20 (AN)
021448	1098	ECON F313	ISSUES IN ECONOMIC DEV	3 0 3	T	1	Debasis Patnaik/ Arfat Ahmad Sofi	TH 10	
021923	1692	ECON F315	FINANCIAL MANAGEMENT	3 0 3	L	1	ARFAT AHMAD SOFI/ Rammohan Menon	M W F 7	12/08/20 (FN)
022184	1710	ECON F345	BEHAVIORAL ECONOMICS	3 0 3	L	1	ASWINI KUMAR MISHRA/ Revankar Divya Satish	T TH S 5	02/12/20 (AN)
021565	1665	ECON F354	DERIVATIVES & RISK MGMT	3 0 3	L	1	SUKUMAR VELLAKKAL/ Rammohan Menon/ Abinash Singh	M W F 5	04/12/20 (FN)
021547	1662	ECON F355	BUSS ANAL & VALUATION	3 0 3	L	1	RITIKA JAISWAL	T TH S 3	09/12/20 (AN)
021684	1185	ECON F366	LABORATORY PROJECT	3	I	1	RICHA SHUKLA		
021741	1186	ECON F367	LABORATORY PROJECT	3	I	1	RICHA SHUKLA		
021690	1187	ECON F376	DESIGN PROJECT	3	I	1	RICHA SHUKLA		
021757	1188	ECON F377	DESIGN PROJECT	3	I	1	RICHA SHUKLA		
021551	1663	ECON F413	FINANCIAL ENGINEERING	3 03	L	1	DEBASIS PATNAIK/ Chandradew Sharma/ Shaikh Sameer Maulasab	M T W 11	15/12/20 (FN)
021553	1664	ECON F415	NEW VENTURE CREATION	3 0 3	L	1	MRIDULA GOEL/ Pulipilelil Sheetal Thomas	M W 11 12	TBA
021875	1690	ECON F435	MARKETING RESEARCH	3 03	L	1	CHVVSNV PRASAD/ A V S Durga Prasad	M W F 2	07/12/20 (AN)
021726	1189	ECON F491	SPECIAL PROJECT	3	I	1	RICHA SHUKLA		
021077	1382	EEE F211	ELECTRICAL MACHINES	3 1 4	L	1	Soumyabrata Barik	M W F 4	10/12/20 (AN)
021077	1384	EEE F211	ELECTRICAL MACHINES	3 1 4	L	2	NARAYAN SURESH MANJAREKAR	T TH S 4	
021077	1737	EEE F211	ELECTRICAL MACHINES	3 1 4	T	1	Narayan Suresh Manjarekar	T 10	

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021077	1738	EEE F211	ELECTRICAL MACHINES	3 1 4	T	2	Soumyabrata Barik	T 10	
021077	1739	EEE F211	ELECTRICAL MACHINES	3 1 4	T	3	Gautam G Bacher	T 10	
021077	1385	EEE F211	ELECTRICAL MACHINES	3 1 4	P	1	Soumyabrata Barik, Ravishankar Prakash Desai, D R Karthik	T 7 8	
021077	1386	EEE F211	ELECTRICAL MACHINES	3 1 4	P	2	Gautam G Bacher, Vivek K P Chandran, D R Karthik, Ravishankar Prakash Desai	W 2 3	
021077	1387	EEE F211	ELECTRICAL MACHINES	3 1 4	P	3	Narayan Suresh Manjarekar, Gautam G Bacher, Gopika R	TH 8 9	
021077	1388	EEE F211	ELECTRICAL MACHINES	3 1 4	P	4	Soumyabrata Barik, Rakesh R Warier, D R Karthik, Gopika R	S 2 3	
021078	1395	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	L	1	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	07/12/20 (FN)
021078	1396	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	L	2	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021078	1397	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	L	3	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021078	1398	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	L	4	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021078	1399	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	L	5	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021078	1400	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	L	6	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021078	1401	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	L	7	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021078	1402	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	L	8	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021078	1403	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	T	1	RAGHUNATH RATABOLE/ Deepak Pn	W F 2	
021078	1404	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	T	2	Raghunath Ratabole/ Kinjal Banerjee	W 2 TH 7	
021078	1405	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	T	3	Raghunath Ratabole/ Ram Shanker Patel	W F 2	
021078	1406	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	T	4	Raghunath Ratabole/ Nanda Kumar Patincharath	W F 2	
021078	1407	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	T	5	Raghunath Ratabole/ Deepak Pn	TH S 2	
021078	1408	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	T	6	Raghunath Ratabole/ Kinjal Banerjee	TH S 2	
021078	1409	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	T	7	Raghunath Ratabole/ Ram Shanker Patel	TH S 2	
021078	1410	EEE F212	ELECTROMAGNETIC THEO I	3 0 3	T	8	Raghunath Ratabole/ Nanda Kumar Patincharath	TH S 2	
021080	1427	EEE F214	ELECTRONIC DEVICES	3 0 3	L	1	RAMESHA C K	M W F 3	05/12/20 (FN)
021080	1428	EEE F214	ELECTRONIC DEVICES	3 0 3	L	2	Pramila	T TH S 3	
021080	1429	EEE F214	ELECTRONIC DEVICES	3 0 3	L	3	Abhijit Pethe	T TH S 3	
021080	1430	EEE F214	ELECTRONIC DEVICES	3 0 3	T	1	Ramesha C K	M 10	
021080	1431	EEE F214	ELECTRONIC DEVICES	3 0 3	T	2	Pramila	M 10	
021080	1432	EEE F214	ELECTRONIC DEVICES	3 0 3	T	3	Abhijit Pethe	M 10	

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021079	1411	EEE F215	DIGITAL DESIGN	3 1 4	L	1	ABHIJIT PETHE	M W F 5	03/12/20 (FN)
021079	1412	EEE F215	DIGITAL DESIGN	3 1 4	L	2	Ravi Kadlimatti	M W F 5	
021079	1413	EEE F215	DIGITAL DESIGN	3 1 4	L	3	Sudeep Baudha/ Sarang C Dhongdi	M W F 8	
021079	1414	EEE F215	DIGITAL DESIGN	3 1 4	L	4	Hrishikesh Sonalikar	T TH S 5	
021079	1421	EEE F215	DIGITAL DESIGN	3 1 4	T	1	Abhijit Pethe	TH 7	
021079	1422	EEE F215	DIGITAL DESIGN	3 1 4	T	2	Ravi Kadlimatti	TH 7	
021079	1423	EEE F215	DIGITAL DESIGN	3 1 4	T	3	Sarang C Dhongdi	TH 7	
021079	1424	EEE F215	DIGITAL DESIGN	3 1 4	T	4	Hrishikesh Sonalikar	TH 7	
021079	1425	EEE F215	DIGITAL DESIGN	3 1 4	T	5	Sudeep Baudha	TH 7	
021079	1426	EEE F215	DIGITAL DESIGN	3 1 4	T	6	Noel Prashant Ratchagar	TH 7	
021079	1415	EEE F215	DIGITAL DESIGN	3 1 4	P	1	Noel Prashant Ratchagar, Ansa Shermin S, Prateek Singh, Joshi Viraj Vilas, Jerry Anto K, Suraj S	M 2 3	
021079	1416	EEE F215	DIGITAL DESIGN	3 1 4	P	2	Sudeep Baudha, Ravi Kadlimatti, Afroz Fatima, Swati Varun Yadav, Joshi Viraj Vilas	T 7 8	
021079	1417	EEE F215	DIGITAL DESIGN	3 1 4	P	3	Sudeep Baudha, Ravi Kadlimatti, Joshi Viraj Vilas, Afroz Fatima, Manish Varun Yadav, Prateek Singh	TH 2 3	
021079	1418	EEE F215	DIGITAL DESIGN	3 1 4	P	4	Pramila, Afroz Fatima, Ansa Shermin S, Manish Varun Yadav, Swati Varun Yadav	TH 8 9	
021657	1676	EEE F266	STUDY PROJECT	3	R	1	RAKESH R WARIER		
021242	1536	EEE F311	COMMUNICATION SYSTEMS	3 1 4	L	1	RAGHURAMA GUNAJE / Nitin Sharma	M W F 4	10/12/20 (FN)
021242	1538	EEE F311	COMMUNICATION SYSTEMS	3 1 4	P	1	Anurag Nishad ,Nitin Sharma, Rakesh R Warier, Somesula Sivasagar N N, Rahul Bajpai	M 8 9	
021242	1539	EEE F311	COMMUNICATION SYSTEMS	3 1 4	P	2	Anurag Nishad, Hrishikesh Sonalikar, Aparna A P, Abhijit Dey	T 7 8	
021242	1540	EEE F311	COMMUNICATION SYSTEMS	3 1 4	P	3	Nitin Sharma, Ashish Chittora, Naveen Gupta, Rakesh R Warier, Aparna A P, Rahul Bajpai	TH 8 9	
021242	1541	EEE F311	COMMUNICATION SYSTEMS	3 1 4	P	4	Ashish Chittora, Hrishikesh Sonalikar,Naveen Gupta, Abhijit Dey, Somesula Sivasagar N N	F 7 8	
021243	1544	EEE F313	ANALOG & DIGIT VLSI DES	3 0 3	L	1	Varun Sharma/ Chembiyan T	M W F 2	03/12/20 (AN)
021243	1743	EEE F313	ANALOG & DIGIT VLSI DES	3 0 3	L	2	PRAVIN MANE	T TH S 2	
021243	1546	EEE F313	ANALOG & DIGIT VLSI DES	3 0 3	T	1	Varun Sharma	F 11	
021243	1547	EEE F313	ANALOG & DIGIT VLSI DES	3 0 3	T	2	Chembiyan T	F 11	
021731	1678	EEE F366	LABORATORY PROJECT	3	R	1	RAKESH R WARIER		
021742	1679	EEE F367	LABORATORY PROJECT	3	R	1	RAKESH R WARIER		
021691	1677	EEE F376	DESIGN PROJECT	3	R	1	RAKESH R WARIER		
021758	1680	EEE F377	DESIGN PROJECT	3	R	1	RAKESH R WARIER		
021260	1731	EEE F416	DIGITAL COMMUNICATION	3 0 3	L	1	NAVEEN GUPTA	T TH S 3	09/12/20 (AN)
021261	1556	EEE F418	MOD COMMUNICATION TECH	3 0 3	L	1	NAVEEN GUPTA	M W F 5	04/12/20 (AN)
021254	1551	EEE F422	MODERN CONTROL SYSTEMS	3 0 3	L	1	RAKESH R WARIER	T 9 W F 8	14/12/20 (FN)

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021250	1550	EEE F431	MOBILE TELECOM NETWORKS	3 0 3	L	1	NITIN SHARMA	T TH S 3	09/12/20 (AN)
021247	1548	EEE F432	MEDICAL INSTRUMENTATION	3 0 3	L	1	NOEL PRASHANT RATCHAGAR	M W F 7	12/08/20 (FN)
021256	1552	EEE F434	DIGITAL SIGNAL PROCESS	3 1 4	L	1	SARANG C DHONGDI	M W F 2	07/12/20 (AN)
021256	1553	EEE F434	DIGITAL SIGNAL PROCESS	3 1 4	P	1	Sarang C Dhongdi, Anjli Varghese	T 7 8	
021256	1554	EEE F434	DIGITAL SIGNAL PROCESS	3 1 4	P	2	Anurag Nishad, Anjli Varghese	TH 7 8	
021257	1555	EEE F435	DIGITAL IMAGE PROCESSING	3 0 3	L	1	ASHISH CHITTORA	T TH S 2	01/12/20 (AN)
021249	1549	EEE F472	SATELLITE COMMUNICATION	3 0 3	L	1	MUKUND KESHAVRAO DESHMUKH	M W F 5	04/12/20 (AN)
021854	1685	EEE F473	WIND ELECTRICAL SYSTEM	3 0 3	L	1	MUKUND KESHAVRAO DESHMUKH	M TH F 9	11/12/20 (FN)
020324	1099	EEE G512	EMBEDDED SYSTEM DESIGN	3 1 4	L	1	ANUPAMA K R/ Kizheppatt Vipin	M W F 5	04/12/20 (AN)
020324	1100	EEE G512	EMBEDDED SYSTEM DESIGN	3 1 4	P	1	Anupama K R/ Kizheppatt Vipin		
020471	1248	EEE G613	ADV DIGITAL SIGNAL PROC	5	L	1	ANURAG NISHAD	T TH S 4	03/12/20 (AN)
020921	1102	EEE G626	HARDWARE SOFTWARE CO-DESIGN	4	L	1	AMALIN PRINCE	T TH S 5	02/12/20 (FN)
020921	1103	EEE G626	HARDWARE SOFTWARE CO-DESIGN	4	P	1	Amalin Prince, Gibin Chacko George		
021539	1660	FIN F311	DERIVATIVES & RISK MGMT	3 0 3	L	1	SUKUMAR VELLAKKAL/ Rammohan Menon/ Abinash Singh	M W F 5	04/12/20 (FN)
021542	1661	FIN F315	FINANCIAL MANAGEMENT	3 0 3	L	1	ARFAT AHMAD SOFI/ Rammohan Menon	M W F 7	12/08/20 (FN)
021942	1693	FIN F414	FINANCIAL RISK ANALY & MANAG	3 03	L	1	ASWINI KUMAR MISHRA/ Ritika Jaiswal/ Debasis Patnaik/ R L Manogna Viswanatha Sreedevi	M W F 5	04/12/20 (AN)
021130	1517	GS F211	MOD POLITICAL CONCEPTS	3 0 3	L	1	SOLANO DA SILVA	M W F 7	12/12/20 (AN)
021131	1518	GS F212	ENVIRON DEV & CLIMATE CH	3 0 3	L	1	RAJIV KUMAR CHATURVEDI	M W F 8	14/12/20 (FN)
021133	1519	GS F221	BUSINESS COMMUNICATION	3 03	L	1	SHALINI UPADHYAY	T TH S 5	02/12/20 (FN)
021169	1524	GS F231	DYN OF SOCIAL CHANGE	3 0 3	L	1	MOHAN KUMAR BERA	T TH S 5	02/12/20 (FN)
021171	1525	GS F233	PUBLIC POLICY	3 0 3	L	1	RAJIV KUMAR CHATURVEDI	T TH S 4	08/12/20 (AN)
021172	1526	GS F234	DEVELOPMENT ECONOMICS	3 0 3	L	1	RUDRA PRASAD PRADHAN	M W F 5	04/12/20 (FN)
021165	1523	GS F245	EFFECTIVE PUBLIC SPEAK	2 1 3	L	1	SHALINI UPADHYAY	M W F 5	04/12/20 (FN)
021137	1520	GS F322	CRITI ANAL OF LIT & CINE	3 0 3	L	1	GEETHA B	T TH S 5	02/12/20 (FN)
021176	1528	GS F332	CONTEMPORARY INDIA	3 0 3	L	1	SAYANTANI SARKAR	M W F 9	11/12/20 (FN)
021603	1669	HSS F222	LINGUISTICS	3 03	L	1	GEETHA K A	M W F 8	14/12/20 (FN)
021152	1521	HSS F227	CROSS CULTURAL SKILLS	3 03	L	1	BASAVADATTA MITRA	T TH S 2	08/12/20 (FN)
021621	1671	HSS F233	MAIN TRENDS IN IND HIST	3 0 3	L	1	LAKSHMI SUBRAMANIAN	M W F 9	11/12/20 (FN)
021627	1674	HSS F235	INTRODUCTORY PHILOSOPHY	3 0 3	L	1	HAREESH AG	M W F 8	14/12/20 (FN)
021628	1675	HSS F236	SYMBOLIC LOGIC	3 0 3	L	1	REENA CHERUVALATH	M W F 7	12/12/20 (AN)
021776	1190	HSS F266	STUDY PROJECT	3	I	1	REENA CHERUVALATH		
021606	1670	HSS F337	ENG LIT FORM AND MOV	3 03	L	1	AMITENDU BHATTACHARYA	M W F 5	04/12/20 (FN)

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021623	1672	HSS F343	PROFESSIONAL ETHICS	3 03	L	1	REENA CHERUVALATH/ Hareesh A G	T TH S 5	02/12/20 (FN)
021626	1673	HSS F346	INTERNATIONAL RELATIONS	3 03	L	1	RUDRA PRASAD PRADHAN	M W F 9	11/12/20 (FN)
021830	1684	HSS F347	INTRO TO CARNATIC MUSIC	3 03	L	1	REENA CHERUVALATH/ Hema Sundaram/ Sandhya P P	M W F 5	04/12/20 (FN)
021828	1683	HSS F349	ECOCRITICISM	3 03	L	1	RAYSON ALEX	T TH S 5	02/12/20 (FN)
022270	1715	HSS F363	DISASTER AND DEVELOPMENT	3 03	L	1	MOHAN KUMAR BERA	M W F 4	TBA
022322	1717	HSS F371	CITIES-LIFE ISSUES & CONFLICTS	3 03	L	1	SAYANTANI SARKAR	M W F 7	12/12/20 (AN)
022324	1732	HSS F373	SHAKESPEARE AND POPULAR CULTUR	3 03	L	1	NILAK DATTA	T TH S 2	08/12/20 (FN)
022325	1718	HSS F374	URBAN MODRN & RENEWAL OF PARIS	3 03	L	1	NILAK DATTA	M W F 7	12/12/20 (AN)
022295	1104	HSS G511	PHILOSOPHICAL FOND OF LIB STDS	3 2 5	L	1	HAREESH A G/ Reena Cheruvalath	M W F 3	TBA
022296	1105	HSS G512	THEORETICAL APRCHS TO LIB STDS	3 2 5	L	1	REENA CHERUVALATH/ Geetha K A	T TH S 3	09/12/20 (AN)
021096	1447	INSTR F211	ELECTRICAL MACHINES	3 1 4	L	1	Soumyabrata Barik	M W F 4	10/12/20 (AN)
021096	1449	INSTR F211	ELECTRICAL MACHINES	3 1 4	L	2	NARAYAN SURESH MANJAREKAR	T TH S 4	
021096	1740	INSTR F211	ELECTRICAL MACHINES	3 1 4	T	1	Narayan Suresh Manjarekar	T 10	
021096	1741	INSTR F211	ELECTRICAL MACHINES	3 1 4	T	2	Soumyabrata Barik	T 10	
021096	1742	INSTR F211	ELECTRICAL MACHINES	3 1 4	T	3	Gautam G Bacher	T 10	
021096	1450	INSTR F211	ELECTRICAL MACHINES	3 1 4	P	1	Soumyabrata Barik, Ravishankar Prakash Desai, D R Karthik	T 7 8	
021096	1451	INSTR F211	ELECTRICAL MACHINES	3 1 4	P	2	Gautam G Bacher, Vivek K P Chandran, D R Karthik, Ravishankar Prakash Desai	W 2 3	
021096	1452	INSTR F211	ELECTRICAL MACHINES	3 1 4	P	3	Narayan Suresh Manjarekar, Gautam G Bacher, Gopika R	TH 8 9	
021096	1453	INSTR F211	ELECTRICAL MACHINES	3 1 4	P	4	Soumyabrata Barik, Rakesh R Warier, D R Karthik, Gopika R	S 2 3	
021097	1460	INSTR F212	ELECTROMAGNETIC THEO I	3 03	L	1	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	07/12/20 (FN)
021097	1461	INSTR F212	ELECTROMAGNETIC THEO I	3 03	L	2	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021097	1462	INSTR F212	ELECTROMAGNETIC THEO I	3 03	L	3	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021097	1463	INSTR F212	ELECTROMAGNETIC THEO I	3 03	L	4	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021097	1464	INSTR F212	ELECTROMAGNETIC THEO I	3 03	L	5	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	

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021097	1465	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	L	6	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021097	1466	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	L	7	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021097	1467	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	L	8	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021097	1468	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	T	1	RAGHUNATH RATABOLE/ Deepak Pn	W F 2	
021097	1469	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	T	2	Raghunath Ratabole/ Kinjal Banerjee	W 2 TH 7	
021097	1470	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	T	3	Raghunath Ratabole/ Ram Shanker Patel	W F 2	
021097	1471	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	T	4	Raghunath Ratabole/ Nanda Kumar Patincharath	W F 2	
021097	1472	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	T	5	Raghunath Ratabole/ Deepak Pn	TH S 2	
021097	1473	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	T	6	Raghunath Ratabole/ Kinjal Banerjee	TH S 2	
021097	1474	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	T	7	Raghunath Ratabole/ Ram Shanker Patel	TH S 2	
021097	1475	INSTR F212	ELECTROMAGNETIC THEO I	3 0 3	T	8	Raghunath Ratabole/ Nanda Kumar Patincharath	TH S 2	
021099	1492	INSTR F214	ELECTRONIC DEVICES	3 0 3	L	1	RAMESHA C K	M W F 3	05/12/20 (FN)
021099	1493	INSTR F214	ELECTRONIC DEVICES	3 0 3	L	2	Pramila	T TH S 3	
021099	1494	INSTR F214	ELECTRONIC DEVICES	3 0 3	L	3	Abhijit Pethe	T TH S 3	
021099	1495	INSTR F214	ELECTRONIC DEVICES	3 0 3	T	1	Ramesha C K	M 10	
021099	1496	INSTR F214	ELECTRONIC DEVICES	3 0 3	T	2	Pramila	M 10	
021099	1497	INSTR F214	ELECTRONIC DEVICES	3 0 3	T	3	Abhijit Pethe	M 10	
021098	1476	INSTR F215	DIGITAL DESIGN	3 1 4	L	1	ABHIJIT PETHE	M W F 5	03/12/20 (FN)
021098	1477	INSTR F215	DIGITAL DESIGN	3 1 4	L	2	Ravi Kadlimatti	M W F 5	
021098	1478	INSTR F215	DIGITAL DESIGN	3 1 4	L	3	Sudeep Baudha/ Sarang C Dhongdi	M W F 8	
021098	1479	INSTR F215	DIGITAL DESIGN	3 1 4	L	4	Hrishikesh Sonalikar	T TH S 5	
021098	1486	INSTR F215	DIGITAL DESIGN	3 1 4	T	1	Abhijit Pethe	TH 7	
021098	1487	INSTR F215	DIGITAL DESIGN	3 1 4	T	2	Ravi Kadlimatti	TH 7	
021098	1488	INSTR F215	DIGITAL DESIGN	3 1 4	T	3	Sarang C Dhongdi	TH 7	
021098	1489	INSTR F215	DIGITAL DESIGN	3 1 4	T	4	Hrishikesh Sonalikar	TH 7	
021098	1490	INSTR F215	DIGITAL DESIGN	3 1 4	T	5	Sudeep Baudha	TH 7	
021098	1491	INSTR F215	DIGITAL DESIGN	3 1 4	T	6	Noel Prashant Ratchagar	TH 7	
021098	1480	INSTR F215	DIGITAL DESIGN	3 1 4	P	1	Noel Prashant Ratchagar, Ansa Shermin S, Prateek Singh, Joshi Viraj Vilas, Jerry Anto K, Suraj S	M 2 3	
021098	1481	INSTR F215	DIGITAL DESIGN	3 1 4	P	2	Sudeep Baudha, Ravi Kadlimatti, Afroz Fatima, Swati Varun Yadav, Joshi Viraj Vilas	T 7 8	
021098	1482	INSTR F215	DIGITAL DESIGN	3 1 4	P	3	Sudeep Baudha, Ravi Kadlimatti, Joshi Viraj Vilas, Afroz Fatima, Manish Varun Yadav, Prateek Singh	TH 2 3	
021098	1483	INSTR F215	DIGITAL DESIGN	3 1 4	P	4	Pramila, Afroz Fatima, Ansa Shermin S, Manish Varun Yadav, Swati Varun Yadav	TH 8 9	
021660	1191	INSTR F266	STUDY PROJECT	3	I	1	RAKESH R WARIER		
021345	1237	INSTR F311	ELECTRO INST & INST TECH	3 1 4	L	1	ANITA B AGRAWAL	T TH S 4	08/12/20 (AN)

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021345	1238	INSTR F311	ELECTRO INST & INST TECH	3 1 4	P	1	Anita B Agrawal,Pramila, Deshpande Shreyas Sureshrao	T 7 8	
021346	1106	INSTR F312	TRANSD & MEASUREMENT SYS	3 0 3	L	1	GAUTAM G BACHER	T TH S 5	02/12/20 (FN)
021346	1107	INSTR F312	TRANSD & MEASUREMENT SYS	3 0 3	T	1	Gautam G Bacher	F 10	
021347	1567	INSTR F313	ANALOG & DIGIT VLSI DES	3 0 3	L	1	Varun Sharma/ Chembiyan T	M W F 2	03/12/20 (AN)
021347	1568	INSTR F313	ANALOG & DIGIT VLSI DES	3 0 3	L	2	PRAVIN MANE	T TH S 2	
021347	1569	INSTR F313	ANALOG & DIGIT VLSI DES	3 0 3	T	1	Varun Sharma	F 11	
021347	1570	INSTR F313	ANALOG & DIGIT VLSI DES	3 0 3	T	2	Chembiyan T	F 11	
021734	1192	INSTR F366	LABORATORY PROJECT	3	I	1	RAKESH R WARIER		
021745	1193	INSTR F367	LABORATORY PROJECT	3	I	1	RAKESH R WARIER		
021694	1194	INSTR F376	DESIGN PROJECT	3	I	1	RAKESH R WARIER		
021761	1195	INSTR F377	DESIGN PROJECT	3	I	1	RAKESH R WARIER		
021351	1571	INSTR F432	MEDICAL INSTRUMENTATION	3 0 3	L	1	NOEL PRASHANT RATCHAGAR	M W F 7	12/08/20 (FN)
021856	1686	INSTR F473	WIND ELECTRICAL SYSTEM	3 0 3	L	1	MUKUND KESHAVRAO DESHMUKH	M TH F 9	11/12/20 (FN)
021022	1358	MATH F211	MATHEMATICS III	3 0 3	L	1	Anupama Sharma/ Amit Setia	M W F 5	01/12/20 (FN)
021022	1370	MATH F211	MATHEMATICS III	3 0 3	T	1	Anupama Sharma/ Monalisa Anand	TH 10	
021022	1362	MATH F211	MATHEMATICS III	3 0 3	L	2	Anupama Sharma/ Amit Setia	M W F 5	
021022	1374	MATH F211	MATHEMATICS III	3 0 3	T	2	Anupama Sharma/ Monalisa Anand	W 10	
021022	1363	MATH F211	MATHEMATICS III	3 0 3	L	3	Anupama Sharma/ Amit Setia	M W F 5	
021022	1375	MATH F211	MATHEMATICS III	3 0 3	T	3	Anupama Sharma/ Gayatri Maharana	W 10	
021022	1364	MATH F211	MATHEMATICS III	3 0 3	L	4	MANOJ KUMAR PANDEY/ Mayank Goel	M W F 9	
021022	1376	MATH F211	MATHEMATICS III	3 0 3	T	4	Mayank Goel/ Pabitra Kumar Pradhan	TH 10	
021022	1365	MATH F211	MATHEMATICS III	3 0 3	L	5	Manoj Kumar Pandey/ Mayank Goel	M W F 9	
021022	1377	MATH F211	MATHEMATICS III	3 0 3	T	5	Manoj Kumar Pandey/ Bijaya Kumar Sahu	T 7	
021022	1366	MATH F211	MATHEMATICS III	3 0 3	L	6	Manoj Kumar Pandey/ Mayank Goel	M W F 9	
021022	1378	MATH F211	MATHEMATICS III	3 0 3	T	6	Mayank Goel/ Bijaya Kumar Sahu	W 10	
021022	1367	MATH F211	MATHEMATICS III	3 0 3	L	7	Amit Setia/ Himadri Mukherjee	T TH S 2	
021022	1379	MATH F211	MATHEMATICS III	3 0 3	T	7	Amit Setia/ Sandhya Maurya	TH 10	
021022	1368	MATH F211	MATHEMATICS III	3 0 3	L	8	Amit Setia/ Himadri Mukherjee	T TH S 2	
021022	1380	MATH F211	MATHEMATICS III	3 0 3	T	8	Himadri Mukherjee/ Sandhya Maurya	W 10	
021022	1369	MATH F211	MATHEMATICS III	3 0 3	L	9	Amit Setia/ Himadri Mukherjee	T TH S 2	
021022	1381	MATH F211	MATHEMATICS III	3 0 3	T	9	Himadri Mukherjee/ Gayatri Maharana	TH 10	
021022	1359	MATH F211	MATHEMATICS III	3 0 3	L	10	Anil Kumar/ Danumjaya Palla	T TH S 5	
021022	1371	MATH F211	MATHEMATICS III	3 0 3	T	10	Anil Kumar/ Pabitra Kumar Pradhan	W 10	
021022	1360	MATH F211	MATHEMATICS III	3 0 3	L	11	Anil Kumar/ Danumjaya Palla	T TH S 5	
021022	1372	MATH F211	MATHEMATICS III	3 0 3	T	11	Anil Kumar/ Saroja Kumar Panda	TH 10	
021022	1361	MATH F211	MATHEMATICS III	3 0 3	L	12	Anil Kumar/ Danumjaya Palla	T TH S 5	

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021022	1373	MATH F211	MATHEMATICS III	3 0 3	T	12	Danumjaya Palla/ Saroja Kumar Panda	W 10	
021122	1498	MATH F212	OPTIMIZATION	3 0 3	L	1	ANUSHAYA MOHAPATRA	M W F 3	05/12/20 (AN)
021122	1499	MATH F212	OPTIMIZATION	3 0 3	T	1	Anushaya Mohapatra/ Arindam Das	W 10	
021122	1500	MATH F212	OPTIMIZATION	3 0 3	T	2	Anushaya Mohapatra/ Sujit Kumar Pradhan	W 10	
021123	1108	MATH F213	DISCRETE MATHEMATICS	3 0 3	L	1	TARKESHWAR SINGH	M W F 8	14/12/20 (FN)
021123	1109	MATH F213	DISCRETE MATHEMATICS	3 0 3	T	1	Tarkeshwar Singh	TH 8	
021124	1110	MATH F214	ELEMENTARY REAL ANALYSIS	3 0 3	L	1	PRADEEP BOGGARAPU	T TH S 4	03/12/20 (FN)
021124	1111	MATH F214	ELEMENTARY REAL ANALYSIS	3 0 3	T	1	Pradeep Boggarapu	T 10	
021125	1112	MATH F215	ALGEBRA I	3 0 3	L	1	VIJAY MADHUKAR PATANKAR	T TH 3 TH 9	09/12/20 (FN)
021125	1113	MATH F215	ALGEBRA I	3 0 3	T	1	Vijay Madhukar Patankar	M 10	
021662	1197	MATH F266	STUDY PROJECT	3	I	1	JAJATI KESHARI SAHOO		
021469	1114	MATH F311	INTRODUCTION TO TOPOLOGY	3 0 3	L	1	SHILPA GONDHALI	M W F 9	11/12/20 (FN)
021469	1115	MATH F311	INTRODUCTION TO TOPOLOGY	3 0 3	T	1	Shilpa Gondhali	TH 10	
021470	1116	MATH F312	ORDINARY DIFF EQUATIONS	3 0 3	L	1	ANIL KUMAR	T TH S 2	01/12/20 (AN)
021470	1117	MATH F312	ORDINARY DIFF EQUATIONS	3 0 3	T	1	Anil Kumar	F 10	
021471	1118	MATH F313	NUMERICAL ANALYSIS	3 0 3	L	1	DANUMJAYA PALLA	M W F 8	14/12/20 (FN)
021471	1119	MATH F313	NUMERICAL ANALYSIS	3 0 3	T	1	Danumjaya Palla	T 9	
021479	1650	MATH F353	STATISTICAL INFER & APP	3 03	L	1	JAJATI KESHARI SAHOO	M W F 2	07/12/20 (AN)
021478	1649	MATH F354	COMPLEX ANALYSIS	3 0 3	L	1	MIZANUR RAHAMAN	M W F 7	12/08/20 (FN)
021679	1198	MATH F366	LABORATORY PROJECT	3	I	1	JAJATI KESHARI SAHOO		
021747	1199	MATH F367	LABORATORY PROJECT	3	I	1	JAJATI KESHARI SAHOO		
021696	1200	MATH F376	DESIGN PROJECT	3	I	1	JAJATI KESHARI SAHOO		
021763	1201	MATH F377	DESIGN PROJECT	3	I	1	JAJATI KESHARI SAHOO		
022191	1712	MATH F424	APPLIED STOCHASTIC PROCESS	3 1 4	L	1	MAYANK GOEL	M W F 5	04/12/20 (AN)
021881	1691	MATH F444	NUMERICAL SOL OF ODE	3 0 3	L	1	ANUPAMA SHARMA	T TH S 5	02/12/20 (AN)
021476	1647	MATH F471	NONLINEAR OPTIMIZATION	3 0 3	L	1	MANOJ KUMAR PANDEY	T TH S 3	09/12/20 (FN)
021083	1120	ME F211	MECHANICS OF SOLIDS	3 0 3	L	1	MALI KIRAN DINKAR	T TH S 4	03/12/20 (AN)
021083	1121	ME F211	MECHANICS OF SOLIDS	3 0 3	T	1	Mali Kiran Dinkar	M 10	
021082	1122	ME F212	FLUID MECHANICS	3 0 3	L	1	SHIBU CLEMENT	M W F 3	05/12/20 (FN)
021082	1123	ME F212	FLUID MECHANICS	3 0 3	T	1	Shibu Clement	T 10	
021081	1125	ME F213	MATERIALS SCIENCE & ENGG	2 0 2	L	1	AMAL S SIJU	M W 2	07/12/20 (FN)
021081	1124	ME F213	MATERIALS SCIENCE & ENGG	2 0 2	T	1	Amal S Siju	F 2	
021084	1126	ME F214	APPLIED THERMODYNAMICS	3 0 3	L	1	VADIRAJ HEMADRI	T TH S 3	09/12/20 (FN)
021084	1127	ME F214	APPLIED THERMODYNAMICS	3 0 3	T	1	Vadiraj Hemadri	TH 7	
021265	1232	ME F243	PRODUCTION TECHNIQUES I	2 1 3	L	1	KARTHIKEYAN G	M W 4	10/12/20 (AN)
021265	1233	ME F243	PRODUCTION TECHNIQUES I	2 1 3	T	1	Karthikeyan G	F 4	

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021265	1234	ME F243	PRODUCTION TECHNIQUES I	2 1 3	P	1	Karthikeyan G, Pravin M Singru, Waigaonkar Sachin Damodhar Rao, Pozhilsn, Manoj Kumar Hilalpure	TH 8 9	
021663	1203	ME F266	STUDY PROJECT	3	I	1	DEVENDRA GOKUL PATIL		
021267	1557	ME F311	HEAT TRANSFER	3 1 4	L	1	ABHILASH KUMAR TILAK	T TH S 2	01/12/20 (AN)
021267	1560	ME F311	HEAT TRANSFER	3 1 4	T	1	Abhilash Kumar Tilak	F 10	
021267	1558	ME F311	HEAT TRANSFER	3 1 4	P	1	Abhilash Kumar Tilak, Shibu Clement, Nilesh Dadasaheb Pawar,Vaibhav Joshi, Naveen K S, Mane Nikhil Shrikant, Mane Sanjay Pandurang	T 7 8	
021267	1559	ME F311	HEAT TRANSFER	3 1 4	P	2	Abhilash Kumar Tilak, Shibu Clement, Nilesh Dadasaheb Pawar,Vaibhav Joshi, Naveen K S, Mane Nikhil Shrikant, Mane Sanjay Pandurang	W 9 10	
021268	1128	ME F312	ADV MECHANICS OF SOLIDS	3 0 3	L	1	INIYAN THIRUSELVAM N	T TH S 4	03/12/20 (AN)
021268	1129	ME F312	ADV MECHANICS OF SOLIDS	3 0 3	T	1	Iniyan Thiruselvam N	T 10	
021272	1130	ME F342	COMPUTER AIDED DESIGN	3 1 4	L	1	DHANANJAY MADHUKAR KULKARNI	M W F 4	10/12/20 (FN)
021272	1131	ME F342	COMPUTER AIDED DESIGN	3 1 4	P	1	Dhananjay Madhukar Kulkarni, Ravindra Singh Saluja,Iniyan Thiruselvam N, Kadam Nikhil Rajendra, Dixit Swadesh Sandesh, Vipin Gupta, Kulkarni Sudhanwa Mahesh	F 2 3	
021680	1204	ME F366	LABORATORY PROJECT	3	I	1	RAVINDRA SINGH SALUJA		
021748	1205	ME F367	LABORATORY PROJECT	3	I	1	RAVINDRA SINGH SALUJA		
021697	1206	ME F376	DESIGN PROJECT	3	I	1	AMAL S SIJU		
021764	1207	ME F377	DESIGN PROJECT	3	I	1	AMAL S SIJU		
021281	1561	ME F420	POWER PLANT ENGINEERING	3 0 3	L	1	RANJIT PATIL	TH S 12-1:30 PM	02/12/20 (AN)
021810	1682	ME F423	MICRO-FLUIDICS & ITS APP	3 0 3	L	1	SIDDHARTHA TRIPATHI	M W F 7	12/08/20 (FN)
021284	1132	ME F443	QUALI CONTRO ASSUR & REL	3 0 3	L	1	VARINDER SINGH	M W F 8	14/12/20 (FN)
021867	1688	ME F483	WIND ENERGY	3 0 3	L	1	MUKUND KESHAVRAO DESHMUKH	M TH F 9	11/12/20 (FN)
021869	1689	ME F485	NUM TECH FL FLOW & HEAT TRANS	3 0 3	L	1	PRITANSHU RANJAN	M W 2 TH 7	07/12/20 (AN)
021290	1562	ME F491	SPECIAL PROJECTS	3	R	1	RANJIT PATIL		
020741	1133	ME G511	MECHANISMS & ROBOTICS	3 2 5	L	1	PRAVIN M SINGRU	M W F 5	04/12/20 (AN)
020322	1134	ME G512	FINITE ELEMENT METHOD	5	L	1	SANDEEP SINGH	M W 3 T 9	05/12/20 (AN)
020262	1135	ME G532	MACHINE TOOL ENGINEERING	3 2 5	L	1	BISWAJIT DAS	T TH S 5	02/12/20 (FN)
022079	1699	ME G535	ADV ENGG MATHEMATICS	3 2 5	L	1	NILESH DADASAHEB PAWAR/ Vaibhav Joshi	M W 2 TH 7	07/12/20 (AN)

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020266	1136	ME G611	COMP AIDED ANAL & DESIGN	2 3 5	L	1	DHANANJAY MADHUKAR KULKARNI	T TH S 4	03/12/20 (AN)
020742	1137	MEL G611	I C FABRICATION TECH	3 2 5	L	1	DIPANKAR PAL	T TH S 5	TBA
020743	1138	MEL G621	VLSI DESIGN	3 2 5	L	1	PRAVIN MANE	M W F 8	14/12/20 (FN)
020500	1249	MEL G623	ADVANCED VLSI DESIGN	5	L	1	CHEMBIYAN T	M T W 11	15/12/20 (FN)
020932	1259	MEL G625	ADV ANALOG & MIX SIG DES	5	L	1	DIPANKAR PAL	M W F 4	10/12/20 (AN)
022064	1697	MEL G624	ADV VLSI ARCHITECTURES	5	L	1	ANUPAMA K R	T TH F 10	TBA
020744	1139	MEL G631	PHY & MO OF MICROEL DEV	3 2 5	L	1	VARUN SHARMA	M W F 7	TBA
021418	1642	MF F421	SUPPLY CHAIN MANAGEMENT	4	L	1	CHVVSNV PRASAD/ A V S Durga Prasad	M TH 10 TH 8	11/12/20 (AN)
020766	1255	MST G511	NONDESTRUCT TESTING TECH	3 2 5	L	1	DEVENDRA GOKUL PATIL	T TH S 5	02/12/20 (AN)
022066	1698	MST G522	ADVANCED COMPOSITES	3 2 5	L	1	WAIGAONKAR SACHIN DAMODHAR RAO	M W F 5	04/12/20 (AN)
021126	1140	PHY F211	CLASSICAL MECHANICS	3 1 4	L	1	TOBY JOSEPH	T TH S 3	09/12/20 (FN)
021126	1141	PHY F211	CLASSICAL MECHANICS	3 1 4	T	1	Toby Joseph	W 10	
021127	1501	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	L	1	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	07/12/20 (FN)
021127	1502	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	L	2	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021127	1503	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	L	3	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021127	1504	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	L	4	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	M 2	
021127	1505	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	L	5	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021127	1506	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	L	6	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021127	1507	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	L	7	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021127	1508	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	L	8	Deepak Pn/ Kinjal Banerjee/ Ram Shanker Patel/ Nanda Kumar Patincharath	T 2	
021127	1509	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	T	1	RAGHUNATH RATABOLE/ Deepak Pn	W F 2	
021127	1510	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	T	2	Raghunath Ratabole/ Kinjal Banerjee	W 2 TH 7	
021127	1511	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	T	3	Raghunath Ratabole/ Ram Shanker Patel	W F 2	
021127	1512	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	T	4	Raghunath Ratabole/ Nanda Kumar Patincharath	W F 2	
021127	1513	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	T	5	Raghunath Ratabole/ Deepak Pn	TH S 2	
021127	1514	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	T	6	Raghunath Ratabole/ Kinjal Banerjee	TH S 2	
021127	1515	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	T	7	Raghunath Ratabole/ Ram Shanker Patel	TH S 2	
021127	1516	PHY F212	ELECTROMAGNETIC THEO I	3 0 3	T	8	Raghunath Ratabole/ Nanda Kumar Patincharath	TH S 2	
021128	1142	PHY F213	OPTICS	3 0 3	L	1	ARUN V KULKARNI	T TH S 5	02/12/20 (FN)

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021128	1143	PHY F213	OPTICS	3 0 3	T	1	Arun V Kulkarni	T 7	
021129	1239	PHY F214	ELEC MAGNET & OPTICS LAB	0 2 2	P	1	NANDA KUMAR PATINCHARATH, Swastibrata Bhattacharyya, Teny Theresa John, Toby Joseph, Prasad Anant Naik, Sumit Kumar, Kulkarni Sharvari Pradeep, Saumyen Kundu, Payel Sarkar	T 8 9 TH 9	TBA
021493	1651	PHY F215	INTRO TO ASTRO & ASTROPH	3 0 3	L	1	TARUN KUMAR JHA	M W TH 11	15/12/20 (FN)
021666	1210	PHY F266	STUDY PROJECT	3	I	1	RADHIKA VATHSAN		
021486	1144	PHY F311	QUANTUM MECHANICS II	3 0 3	L	1	RADHIKA VATHSAN	M W F 8	14/12/20 (FN)
021486	1145	PHY F311	QUANTUM MECHANICS II	3 0 3	T	1	Radhika Vathsan	T 11	
021487	1146	PHY F312	STATISTICAL MECHANICS	3 0 3	L	1	CHANDRADEW SHARMA	M W F 7	12/08/20 (FN)
021487	1147	PHY F312	STATISTICAL MECHANICS	3 0 3	T	1	Chandradew Sharma	TH 10	
021488	1148	PHY F313	COMPUTATIONAL PHYSICS	3 0 3	L	1	GAURAV DAR	M W F 9	11/12/20 (FN)
021488	1149	PHY F313	COMPUTATIONAL PHYSICS	3 0 3	T	1	Gaurav Dar	W 10	
021494	1652	PHY F315	THEORY OF RELATIVITY	3 0 3	L	1	PRASANTA KUMAR DAS	M W F 5	04/12/20 (AN)
021683	1211	PHY F366	LABORATORY PROJECT	3	I	1	RADHIKA VATHSAN		
021751	1212	PHY F367	LABORATORY PROJECT	3	I	1	RADHIKA VATHSAN		
021700	1213	PHY F376	DESIGN PROJECT	3	I	1	RADHIKA VATHSAN		
021767	1214	PHY F377	DESIGN PROJECT	3	I	1	RADHIKA VATHSAN		
021495	1653	PHY F412	INTRO TO QUAN FIELD THEO	3 1 4	L	1	RAGHUNATH RATABOLE	M W F 7	12/08/20 (FN)
021496	1654	PHY F413	PARTICLE PHYSICS	3 1 4	L	1	PRASANTA KUMAR DAS	T TH S 3	09/12/20 (AN)
021501	1656	PHY F418	LASERS AND APPLICATIONS	3 1 4	L	1	PRASAD ANANT NAIK	M W F 2	07/12/20 (AN)
021505	1657	PHY F421	ADV QUANTUM MECHANICS	3 1 4	L	1	ARUN V KULKARNI	M W F 9	11/12/20 (FN)
021505	1658	PHY F421	ADV QUANTUM MECHANICS	3 1 4	T	1	Arun V Kulkarni	TBA	
021509	1659	PHY F426	PHY OF SEMICONDUCTOR DEV	3 1 4	L	1	TENY THERESA JOHN	M W F 2	08/12/20 (FN)
022327	1719	PHY F428	QUANTUM INFORMATION THEORY	3 0 3	L	1	RADHIKA VATHSAN	T TH S 5	02/12/20 (AN)
022111	1703	PHY G514	QUANTUM THEORY & APPLI	4	L	1	KINJAL BANERJEE	TBA	TBA
022111	1703	PHY G514	QUANTUM THEORY & APPLI	4	T	1	Radhika Vathsan/ Kinjal Banerjee/ Deepak Pn	TBA	
022113	1705	PHY G516	STATISTICAL PHY & APPLI	4	L	1	TOBY JOSEPH	TBA	TBA
022113	1706	PHY G516	STATISTICAL PHY & APPLI	4	T	1	Toby Joseph/ Gaurav Dar/ Chandradew Sharma	TBA	
022297	1150	SAN G511	SANITATION TECHNOLOGY	3 2 5	L	1	SRIKANTH MUTNURI	T TH S 5	TBA
022297	1151	SAN G511	SANITATION TECHNOLOGY	3 2 5	P	1	Srikanth Mutnuri, Anumeha Vats, Punyapwar Swapnil Vinod, Patil Prajakta Pratap, Ravi Kiran K, Rajashree Yaragal R, Shaikh Aatiya Nishaat		
022298	1152	SAN G512	SANITATION AND PUBLIC HEALTH	3 2 5	L	1	TUSAR TIRTHA SAHA	T TH S 4	TBA
022299	1153	SAN G513	SAN GVRNNCE BHAVR CHG&ADVCY	5*	L	1	SAYANTANI SARKAR	T TH S 3	TBA

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020333	1246	SS G653	SOFTWARE ARCHITECHTURES	5	L	1	RIZWAN PARVEEN	M W F 7	12/08/20 (FN)

TEXT BOOKS (I SEMESTER, 2020-21)

Course number	Course title	TEXT BOOK(S)
BIO F110	BIOLOGY LABORATORY	No text book required.
BIO F111	GENERAL BIOLOGY	Eldon D. Enger, Frederick C. Ross and David B. Bailey, Concepts in Biology, 13th Ed,Tata McGraw Hill Publishing Company Limited.
BIO F211	BIOLOGICAL CHEMISTRY	Campbell Marry K and S O Farrel , Biochemistry, Thomson learning, 5th edn, 2006.
BIO F212	MICROBIOLOGY	Tortora, G.J., Funke, B.R. and Case, C.L. 2007. Microbiology: An Introduction, 9th Ed. (First Impression 2008), Pearson Education, India .
BIO F213	CELL BIOLOGY	Becker, Kleinsmith and Hardin, The World of the Cell; Authors:; Pearson Publication,Sixth edition.
BIO F214	INTEGRATED BIOLOGY	Peter Raven, GB Johnson, KA Mason, JB Losos, SS Singer, "Biology", Publisher: McGraw Hill.
BIO F266	STUDY PROJECT	No Text book required.
BIO F311	RECOMBINANT DNA TECH	T.B. S B Primrose and R.M.Twyman, 7th ed. 2006
BIO F311	RECOMBINANT DNA TECH	Ref. book-An introduction to Genetic engineering (3rd edn.) Desmond S. T. Nicholl, Cambridge univ. press
BIO F312	PLANT PHYSIOLOGY	Plant Physiology (Fifth edition) by Lincoln Taiz and Eduardo Zeiger. Sinauer Associates Inc. Publishers Sunderland USA.
BIO F313	ANIMAL PHYSIOLOGY	Textbook : Sherwood L. and Others, Animal Physiology, Thomson Learning, 2008
BIO F313	ANIMAL PHYSIOLOGY	Reference Books: Boron & Boulpaep. Medical Physiology, 1E/2E, Elsevier, USA.
BIO F313	ANIMAL PHYSIOLOGY	Bruce M. Koeppen and Bruce A. Stanton, Berne & Levy Physiology, 6E, 2008, Mosby (Elsevier), USA
BIO F366 / BIO F367	LABORATORY PROJECT	No Text book required.
BIO F376 / BIO F377	DESIGN PROJECT	No Text book required.
BIO F417	BIOMOLECULAR MODELLING	HD Holtje, W Sippl, D Rognan, G Folkers (2008) Molecular modeling: basic principles and applications (Third Ed.); WILEY-VCH.
BIO F418	GENETIC ENGINEERING TECHNIQUES	STAN METZENBERG; Working With DNA (The Basics); Taylor & Francis.
BIO F431	REPRODUCTIVE PHYSIOLOGY	
BIO G510	APPLICATION OF COMPUTERS AND STATISTICS IN BIOLOGY	TO BE ANNOUNCED BY INSTRUCTOR IN CHARGE
BIO G512	MOLEC MECH OF GENE EXPRE	Lewin Benjamin,Genes IX, Johns and Bertlet, 2008.
BIO G514	MOLECULAR IMMUNOLOGY	
BIO G515	STEM CELL AND REGENERATIVE BIOLOGY	Potton C S, Stem Cells, Elseveir, 1997.
BIO G523	ADV & APPLIED MICROBIO	Madigan M.T., Martinko, J.M., Dunlap, P.V., Clark, D.P., Brock, Biology of Microorganism, 12th Ed., Pearson International Education .
BIO G525	ENVIRONMENTAL BIOTECH & WASTE MANAGEMENT	Environmental Biotechnology by Alan Scragg, Pearson,Education.UK.199; Ref. book RB-1 : Biotechnology, a comprehensive treatise, ed by Rehm H J and Reed G, VCH Verleg, Germany, 1999 Limited, UK, 1999.
BIO G526	CANCER BIOLOGY	Reference Book : RB-1 : Biotechnology, a comprehensive treatise, ed by Rehm H J and Reed G, VCH Verleg, Germany, 1999, RB-2 : Introduction to environmental biotechnology by A K Chaterjee, PHI, India, 2000
BIO G542	ADVANCED CELL MOLE BIO	1) Alberts Bruce and others, Molecular Biology of the Cell, Garlend Sc 5th edn, 2008.
BIO G542	ADVANCED CELL MOLE BIO	2) Cohen Stanely and others, *Biology of the Limphobines* , Academic Press, 1979.
BIO G612	HUMAN GENETICS	
BIO G661	GENE TOXICOLOGY	Molecular and Biochemical Toxicology, Fourth edition, Robert C Smart and Ernest Hodgson
BIOT F346	GENOMICS	
BITS C790T	INDEPENDENT STUDY	
BITS C791T	TEACHING PRACTICE I	
BITS C797T	PH D SEMINAR	
BITS C799T	PH D THESIS	
BITS E573	STUDY IN ADVANCED TOPICS I	
BITS E661	RESEARCH METHODOLOGY I	

Course number	Course title	TEXT BOOK(S)
BITS E793T	PRACTICE LECT SERIES I	
BITS F110	ENGINEERING GRAPHICS	D.M. Kulkarni Rastogi A.P. and A. K. Sarkar., Engineering Graphics with AutoCAD, Prentice Hall of India, New Delhi, 2009.(Revised)
BITS F112	TECHNICAL REPORT WRITING	Sharma R. C. and Krishna Mohan, Business Corres. & Report Writing, 4th ed., Tata McGraw-Hill, 2010.
BITS F225	ENVIRONMENTAL STUDIES	Erach Bharucha, Text book for Environmental Studies, University Grant Commission, New Delhi, India, 2004
BITS F312	NEURAL NETWORKS AND FUZZY LOGIC	Text Book: Goodfellow, I., Bengio, Y., & Courville, A. (2016). Deep learning. MIT press.; Reference Book: Graves, A. (2012). Supervised sequence labelling with recurrent neural networks. 2012. URL http://books. google. com/books.; Aggarwal, C. C. (2018). Neural networks and deep learning. Cham: Springer International Publishing.; Haykin, S. S. (2009). Neural networks and learning machines/Simon Haykin. New York: Prentice Hall.
BITS F314	GAME THEORY AND IT'S APPLICATIONS	No prescribed textbook. References: (1) Osborne, M. (2004), "An Introduction to Game Theory", OUP, New Delhi. (2) Gibbons, R. (1992), "Game Theory for Applied Economists", Princeton.
BITS F315	INTRODUCTION TO COGNITIVE NEUROSCIENCE	Gazzaniga, M.S., R.B. Ivry & G.R. Mangun. Cognitive neuroscience: the biology of the mind (4th ed., New York: Norton, 2008). ISBN: 978-0-393 11136-1.
BITS F382	READING COURSE	
BITS F417	MICRO-FLUIDICS & ITS APP	Nam-Trung Nguyen, Steven T. Wereley, Fundamentals and Applications of Microfluidics 2nd Edition, ARTECH HOUSE Inc, Boston, London.
BITS F421T	THESIS	
BITS F422T	THESIS	
BITS F423T	THESIS	
BITS F424T	THESIS	
BITS F437	TECHNICAL COMMUNICATION	Raman Meenakshi and Sangeeta Sharma. 2011. Technical Communication: Principles and Practice.3rd Edition. New Delhi:OUP.
BITS F463	CRYPTOGRAPHY	Applied Cryptography, Bruce Schneier, John Wiley & Sons, 2nd Edition, 2006.
BITS F464	MACHINE LEARNING	Textbook: Rogers, S., & Girolami, M. (2016). A first course in machine learning. Chapman and Hall/CRC.; Reference Books: P. Flach, Machine Learning, Cambridge (2012); S. Shaley-Schwartz and S. Ben-David, Understanding Machine Learning, Cambridge, 2014; F. Witten and E. Frank, Data Mining, Mc-Graw Hill 2011; T. Mitchell, Machine Learning, McGraw-Hill, 1997
BITS F467	BIOETHICS AND BIOSAFETY	
BITS G511	ADVANCED PROJECT	No Text book required.
BITS G513	STUDY IN ADVANCED TOPICS	
BITS G518	WRITING SEMINAR	
BITS G529	RESEARCH PROJECT I	No Text book required.
BITS G539	RESEARCH PROJECT II	No Text book required.
BITS G540	RESEARCH PRACTICE	
BITS G553	REAL-TIME SYSTEMS	Liu Jane W S, Real Time Systems, Pearson Education, 2000.
BITS G562T	DISSERTATION	
BITS G563T	DISSERTATION	
BITS G619	PROFESSIONAL PRACTICE	
BITS G649	READING COURSE	
BITS G654	ADV INSTRUMENTATION TECH	
BITS G661	RESEARCH METHODOLOGY I	
CHE F211	CHEMICAL PROCESS CALCULA	T1. Himmelblau D. M. "Basic Principles and Calculations in Chemical Engineering", PHI 7th Ed.
CHE F211	CHEMICAL PROCESS CALCULA	R1. Felder R.M. & Rousseau R.W.,"Elementary Principals of Chemical Process", John Wiley & Sons, Inc., 3rd Ed
CHE F212	FLUID MECHANICS	T1. R.W Fox and A.T. McDonalds, Introduction to Fluid Mechanics, 7th Edition, John Wiley & Sons Inc., 2010
CHE F212	FLUID MECHANICS	T2. W.L McCabe, J. C. Smith and P. Harriott, Unit Operations in Chemical Engineering, 7th Edition, McGraw-Hill International Edition, 2005McGraw Hill Inc., 2005
CHE F212	FLUID MECHANICS	R1. 1.Noel de Nevers, Fuid Mechanics for Chemical Engineers, 3rd Edition, Tata McGraw-Hill, 2011

Course number	Course title	TEXT BOOK(S)
CHE F212	FLUID MECHANICS	R2.Munson B.R, Young F.D, Okiishi H.T, Fundamentals of Fluid Mechanics, (6th edition), John Wiley and sons Inc., 2006
CHE F212	FLUID MECHANICS	R3. Cengel A.Y, Fluid Mechanics, Fundamentals and applications, Mc-Graw Hill, 2006
CHE F212	FLUID MECHANICS	R4. John F Douglas, Janusz M. Gasiorek, Fluid Mechanics, (4th Edition), Perason Education, 2004
CHE F213	CHEM ENGG THERMODYNAMICS	T1. J.M.Smith, H.C. Van Ness and M.M. Abbott, Intro to Chemical Engineering Thermodynamics, 7th ed., MGHFSE, 2001.
CHE F213	CHEM ENGG THERMODYNAMICS	R1. Y. V. C. Rao, "Chemical Engineering Thermodynamics", Universities Press, 1997
CHE F213	CHEM ENGG THERMODYNAMICS	R2. R. P. Rastogi & R. R. Mishra, "An Introduction to Chemical Thermodynamics", Vikas Publishing House Pvt. Ltd., 6th Revised Edition (1995)
CHE F214	ENGG CHEMISTRY	T1. Suba Ramesh, Engineering Chemisty, Wiley India, 2011, 1st Edition
CHE F214	ENGG CHEMISTRY	R1.P.W.Atkins, Elements of Physical chemistry, 8th Editiion, Oxford University Press
CHE F214	ENGG CHEMISTRY	R2.T.W.Graham Solomons, Organic Chemistry, 9th Edition, John&Wiley
CHE F214	ENGG CHEMISTRY	R3.S.S.Dara & Umare, Textbook of Engg Chemistry, S.Chand & Company, 2000, 1st Edition
CHE F266	STUDY PROJECT	No Text book required.
CHE F311	KINETICS & REACTOR DESIGN	T1. H. Scott Fogler "Elements of Chemical Reaction Engineering", PHI, 4th Ed, 2007
CHE F311	KINETICS & REACTOR DESIGN	R1. O. Levenspiel, "Chemical Reaction Engineering", John Wiley, 3rd Ed., 1999
CHE F311	KINETICS & REACTOR DESIGN	R2. J.M. Smith, "Chemical Engineering Kinetics", McGraw Hill, 3rd Ed., 1981
CHE F312	CHEMICAL ENGINEERING LABORATORY I	T1. Laboratory Manual.
CHE F312	CHEMICAL ENGINEERING LABORATORY I	R1. 1. R.W Fox and A.T. McDonalds, Introduction to Fluid Mechanics, 7th Edition, John Wiley & Sons Inc., 2010
CHE F312	CHEMICAL ENGINEERING LABORATORY I	R2. W.L McCabe, J. C. Smith and P. Harriott, Unit Operations in Chemical Engineering, 7th Edition, McGraw Hill Inc., 2005 R3. Suba Ramesh, Engineering Chemisty, Wiley India, 2011, 1st Edition R4. R.E. Treybal, Mass Transfer Operations, 3rd ed., MGHISE, 1980. R5. Holman, J.P., "Heat Transfer", 9th Edition, McGraw Hill, 2002 R6. Raj K Bansal, "Laboratory Manual of Organic Chemistry" Wiley Eastern Limited. 2nd Edition.
CHE F313	SEPARATION PROCESSES II	T1. McCabe W. L, and Smith J. M.& Harriott P., Unit Operations of Chemical Engineering, 7th Ed., McGraw-Hill International Edition, 2005.
CHE F313	SEPARATION PROCESSES II	T2. R.E.Treybal –Mass Transfer Operations McGraw-Hill International Editions, 3rd ed., 1981
CHE F313	SEPARATION PROCESSES II	R1: Coulson J. M., Richardson J. F. & others, Chemical Engineering (Volume 2), Pergamon Press, London, 2007, 5th Ed.
CHE F313	SEPARATION PROCESSES II	R2: Foust A. N. & others, Principles of Unit Operations, , John Wiley & Sons, 1980, 2nd Edition,
CHE F313	SEPARATION PROCESSES II	R3: Brown G. G. & others, Unit Operations, Chapman & Hall, 1950.
CHE F313	SEPARATION PROCESSES II	R4: Perry, R. H. (Ed.), Chemical Engineers Handbook,McGraw-Hill, New York (all editions).
CHE F314	PROCESS DESIGN PRINCIPLES I	T1. Seider, W. D., Seader, J. D. and Lewin, D.R. " Product and Process design principles", 2nd edition, John Wiley & Sons (Asia), 2004
CHE F314	PROCESS DESIGN PRINCIPLES I	R1: James M. Douglas, "Conceptual Design of Chemical Processes", McGraw Hill, New York, International Edition (1988). R2: Max Stone Peters, Klaus D. Timmerhaus, and Ronald West "Plant Design and Economics for Chemical Engineers", McGraw Hill, New York, 5th Edition (2002).
CHE F366 / CHE F367	LABORATORY PROJECT	No Text book required.
CHE F376 / CHE F377	DESIGN PROJECT	No Text book required.
CHE F414	TRANSPORT PHENOMENA	T1. Bird, Stewart and Lightfoot, "Transport Phenomena", John Wiley & Sons, 2002, 2nd edition
CHE F414	TRANSPORT PHENOMENA	R1. Fox and McDonald, "Introduction to fluid dynamics," John Wiley & Sons, 2010, 7th edition
CHE F414	TRANSPORT PHENOMENA	R2. Holman, J.P., "Heat transfer", McGraw Hill, 1997, 9th edition

Course number	Course title	TEXT BOOK(S)
CHE F415	MOLECULAR AND STATISTICAL THERMODYNAMICS	T1. Statistical Mechanics", Donald A McQuarrie, Viva Books Pvt. Ltd. T2. Introduction to Statistical Thermodynamics", Terrell L Hill, Addison Wesley
CHE F416	PROCESS PLANT DESIGN PROJECT I	
CHE F417	PROCESS PLANT DESIGN PROJECT II	
CHE F421	BIO-CHEMICAL ENGINEERING	T1: Bailey, James E and Ollis, David F, "Biochemical Engineering Fundamentals", (Tata) McGraw-Hill Edition, 2nd Ed, 1986 (TMH Ed 2010).
CHE F421	BIO-CHEMICAL ENGINEERING	R1: "Bioprocess Engineering: Basic Concepts" by Michael L Shuler and Fikret Kargi, 2nd Ed (2002), [Indian Reprint of latest years], Pearson Education	Prentice-Hall of India.
CHE F421	BIO-CHEMICAL ENGINEERING	R2: "Biochemical Engineering" by Harvey W Blanch and Douglas S Clark (1997), Marcel Dekker, Inc [New York].
CHE F421	BIO-CHEMICAL ENGINEERING	R3: "Coulson and Richardson's Chemical Engineering" - Vol. 3 by J F Richardson and D G Peacock, 3rd Ed, Asian Books Private Limited [New Delhi].
CHE F422	PETROLEUM REFINING TECHNOLOGY	T1. B.K. Bhaskara Rao, "Modern Petroleum Refining Processes", Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi, 4th ed., 2002.
CHE F422	PETROLEUM REFINING TECHNOLOGY	T2. J.H. Gary et al, "Petroleum Refining", CRS press, New York, 5th ed., 2007.
CHE F422	PETROLEUM REFINING TECHNOLOGY	R1. Indra Deo Mall, "Petroleum Refining Technology", CBS Publishers, 1st ed., 2015
CHE F422	PETROLEUM REFINING TECHNOLOGY	R2. Ram Prasad, "Petroleum Refining Technology", Khanna Publishers, 1st ed., 2012.
CHE F422	PETROLEUM REFINING TECHNOLOGY	R3. Nelson, W.L., Petroleum Refinery Engineering, McGraw-Hill Kogakusha, Tokyo, 4th ed., 1958.
CHE F433	CORROSION ENGINEERING	T1. Fontana M.G., Corrosion Engineering, 3rd ed, McGraw-Hill Book Co., 1986
CHE F433	CORROSION ENGINEERING	R1. Mattsson E., "Basic Corrosion Technology for Scientists and Engineers", The Institute of Materials, London, 1996, 2nd ed.
CHE F433	CORROSION ENGINEERING	R2. Zaki Ahmad, "Principles of Corrosion Engineering and Corrosion Control", IChemE, Elsevier, 2006.
CHE G523	MATHEMATICAL METHODS IN CHEMICAL ENGINEERING	T1. S. Pushpavanam, "Mathematical Methods in Chemical Engineering," Prentice-Hall-India, 1998.
CHE G523	MATHEMATICAL METHODS IN CHEMICAL ENGINEERING	T2. Santosh K Gupta, Numerical Methods for Engineers, 2nd Edition, New Age International Publishers, New Delhi, 2010.
CHE G523	MATHEMATICAL METHODS IN CHEMICAL ENGINEERING	R1: Ajay K. Ray and Santosh K. Gupta., "Mathematical Methods in Chemical and Environmental Engineering" (2nd revised edition), Singapore: International Thomson Learning, 2004
CHE G523	MATHEMATICAL METHODS IN CHEMICAL ENGINEERING	R2: V. G. Jenson and G. V. Jeffrey's, "Mathematical methods in Chemical Engineering", Latest Edition, Academic Press
CHE G523	MATHEMATICAL METHODS IN CHEMICAL ENGINEERING	R3. Steven C Chapra and Raymond P Canale, "Numerical Methods for Engineers", Tata McGraw Education Pvt. Ltd., 2007
CHE G523	MATHEMATICAL METHODS IN CHEMICAL ENGINEERING	R4. Curtis F Gerald and Patrick O Wheatley, "Applied Numerical Analysis", Pearson Education, Inc., Delhi., 2004
CHE G528	INTRODUCTION TO NANOSCIENCE & TECHNOLOGY	T1 T. Pradeep, Nano: The Essentials, Understanding Nanoscience and NanoTechnology, Tata McGraw-Hill Publishing Company Limited, new Delhi, 2007.
CHE G528	INTRODUCTION TO NANOSCIENCE & TECHNOLOGY	T2 C. P. Poole Jr and F. J. Owens, Introduction to Nanotechnology, Wiley Interscience 2003.
CHE G528	INTRODUCTION TO NANOSCIENCE & TECHNOLOGY	T3. K. K. Chattopadhyay and A. N. Bannerjee, Introduction to Nanoscience and Nanotechnology, PHI, 2009.
CHE G613	ADVANCED MASS TRANSFER	Seader, J. D. and Henley J. Ernest, "Separation Process Principles" 2nd Edition, Wiley (2001)
CHE G622	ADVANCED CHEMICAL ENGINEERING THERMODYNAMICS	T1. Stanley I. Sandler, "Chemical, Biochemical and Engineering Thermodynamics", Wiley, 2006, 4th Edition or Latest.
CHE G622	ADVANCED CHEMICAL ENGINEERING THERMODYNAMICS	R1: Y. V. C. Rao, "Chemical Engineering Thermodynamics", Universities Press, 1997
CHE G622	ADVANCED CHEMICAL ENGINEERING THERMODYNAMICS	R2: J. M. Smith, H. C. Van Ness and M. M. Abbott, "Introduction to Chemical Engineering Thermodynamics", MGHFSE, 7th Edition
CHE G622	ADVANCED CHEMICAL ENGINEERING THERMODYNAMICS	R3: R. P. Rastogi & R. R. Mishra, "An Introduction to Chemical Thermodynamics", Vikas Publishing House Pvt. Ltd., 6th Revised Edition (1995)

Course number	Course title	TEXT BOOK(S)
CHEM F110	CHEMISTRY LABORATORY	No text book required.
CHEM F111	GENERAL CHEMISTRY	T1. P. Atkins & J. De Paula , Elements of Physical Chemistry International Edition, Oxford University press, 2017
CHEM F111	GENERAL CHEMISTRY	T2. T. W. Graham Solomons and Craig B. Fryhle, Solomons and Fryhle's Organic Chemistry, 10th Edition, John Wiley & Sons, New York, 2011.
CHEM F111	GENERAL CHEMISTRY	T3. J. D. Lee, Concise Inorganic Chemistry, 5th Edition, Blackwell Science, Oxford, 1996.
CHEM F211	PHYSICAL CHEMISTRY I	Text Book: Physical Chemistry, Ira N. Levine, 6th Edition, Tata-McGraw-Hill, New Delhi 2011.
CHEM F212	ORGANIC CHEMISTRY I	Text Book: R. T. Morrison, R. Boyd and S. K. Bhattacharjee, Organic Chemistry, 7th edition.
CHEM F212	ORGANIC CHEMISTRY I	Reference Books: 1. Jerry March, Advanced Organic Chemistry, John Wiley & Sons, 4th ed., 1992. (R1)
CHEM F212	ORGANIC CHEMISTRY I	2. J. Clayden, N. Greeves, S. Warren, P. Wothers, Organic Chemistry, OUP, 1st ed., 2000.
CHEM F212	ORGANIC CHEMISTRY I	3. G Marc Loudon, OrganicChemistry, Oxford, 4th Edition, 2002.
CHEM F213	PHYSICAL CHEMISTRY II	Text book: Quantum Chemistry, Donald A. McQuarrie, University Science Books, Viva Student Edition
CHEM F213	PHYSICAL CHEMISTRY II	Reference: Quantum Chemistry, Ira N. Levine, 6th edition
CHEM F214	INORGANIC CHEMISTRY I	Huheey J. E., Keiter, Ellen A., Keiter, Richard L., and Medhi O. K. " Inorganic Chemistry", 4th ed., Pearson Education.
CHEM F266	STUDY PROJECT	No Prescribed Text Book
CHEM F311	ORGANIC CHEMISTRY III	TB 1: Michael B. Smith & Jerry March, Advanced Organic Chemistry, John Wiley & Sons, 6th ed., 2012. TB 2 Stuart Warren: Organic Synthesis: The Disconnection Approach: John Wiley & Sons, 2004.
CHEM F311	ORGANIC CHEMISTRY III	Ref Book: Paul Wyatt, Stuart Warren: Organic Synthesis: Strategy and Control, Wiley; 1st edition, 2007 R2: Morrison & Boyd, Organic Chemistry, 6th edition, Prentice_Hall, Inc., 1992.
CHEM F312	PHYSICAL CHEMISTRY IV	Text Book: I. N. Levine, "Physical Chemistry", 6th Edition, Tata McGraw-Hill, 2011.
CHEM F312	PHYSICAL CHEMISTRY IV	Reference Book: P.W. Atkins & Julio de Paula, "Atkins' Physical Chemistry", Ninth edition (Oxford University Press, Oxford 2010).
CHEM F313	INSTRU METHODS OF ANAL	T1. Kemp W., "Organic Spectroscopy", 3rd ed., Palgrave, New York (1991).
CHEM F313	INSTRU METHODS OF ANAL	T2. Gary D. Christian," Analytical Chemistry", 5th ed., John Wiley & Sons (Asia) Pte Ltd. Singapore (2001).
CHEM F313	INSTRU METHODS OF ANAL	R1. Silverstein R. M., and Webster F. X., "Spectrometric Identification of Organic Compounds", 6th ed., John Wiley & Sons, New York (1998).
CHEM F313	INSTRU METHODS OF ANAL	R2. Willard H. H., Merritt L. L., Dean J. A., and Settle F. A. Jr., "Instrumental Methods of Analysis", 7th ed., Wadsworth, New York (1989).
CHEM F313	INSTRU METHODS OF ANAL	R3. Ewing G. W., "Instrumental Methods of Chemical Analysis", 5th ed., McGraw Hill, New York (1985).
CHEM F333	CHEMISTRY OF MATERIALS	T1. Callister "Material science and engineering ", John Wily & Sons, 8th Edition.
CHEM F333	CHEMISTRY OF MATERIALS	R1. The Science and Engineering of Materials, Donald R. Askeland, Pradeep P. Phule, 5th Ed, India Ed.
CHEM F335	ORGANIC CHEMISTRY AND DRUG DESIGN	The Organic Chemistry of Drug Design and Drug Action - 2nd Edition, by Richard . Silverman, Academic Press
CHEM F366 / CHEM F367	LABORATORY PROJECT	No Text book required.
CHEM F376 / CHEM F377	DESIGN PROJECT	No Text book required.
CHEM F414	BIO AND CHEMICAL SENSORS	Biosensors, A Practical Approach, Second edition Edited by J.M Cooper and AEG Cass Oxford University Press 2003
CHEM F491	SPECIAL PROJECT	No Prescribed Text Book
CS F211	DATA STRUCTURES & ALGORITHMS	Introduction to Algorithms by Cormen, Leiserson, Rivest & Stein, , PHI 2nd Edition, 2006
CS F213	OBJECT ORIENTED PROG	The Complete Reference Java J2SE, 5th Edition, Herbert Schildt, Tata McGraw Hill Publishing, 2005
CS F213	OBJECT ORIENTED PROG	Objects first with Java, David Barnes and Michael Kolling, 5th Edition, Pearson Education, 2011.
CS F213	OBJECT ORIENTED PROG	R.B: Object Oriented Analysis and Design with Applications, Grady Booch et al., 3rd Edition, Pearson Education, 2015.

Course number	Course title	TEXT BOOK(S)
CS F213	OBJECT ORIENTED PROG	R.B.: Developing Software with UML, Bernd Oestereich, 2nd Edition, Addison Wesley, 2002.
CS F213	OBJECT ORIENTED PROG	R.B.: The Object Primer, Scott W. Ambler, 3rd Edition, Cambridge University Press, 2004.
CS F213	OBJECT ORIENTED PROG	R.B.: Java 8 Pocket Guide, Robert Liguori and Patricia Liguori, O'reilly, 2014.
CS F214	LOGIC IN COMPUTER SC	Mordechai Ben-Ari. Mathematical Logic for Computer Science (2/e). Springer, Indian Reprint 2005.
CS F215 / ECE F215 / EEE F215 / INSTR F215	DIGITAL DESIGN	1. Digital Design by M.Moris Mano and Michael D. Ciletti " Digital Design", Pearson, 5th Edition, 2014
CS F222	DISCR STRUC FOR COMP SCI	K Rosen: Discrete Mathematics and Its Applications with Combinatorics and Graph Theory 7 th Edition , Tata Mcgraw Hill
CS F266	STUDY PROJECT	No Prescribed Text Book
CS F301	PRINCIPLES OF PROGG LANG	Ravi Sethi. Programming Languages: Concepts and Constructs. Pearson, 2/e, 2006. ISBN-10: 9788177584226 ISBN-13: 978-8177584226
CS F320	FOUNDATIONS OF DATA SCIENCE	
CS F342	COMPUTER ARCHITECTURE	David A. Patterson and John L. Hennessy, "Computer Organization and Design: The Hardware / Software Interface", Morgan Kaufmann, 4th Edition - ARM Edition, 2010.
CS F351	THEORY OF COMPUTATION	Harry Lewis, Christos Papadimitriou. Elements of the Theory of Computation. Second Edition, Pearson Education
CS F366 / CS F367	LABORATORY PROJECT	No Text book required.
CS F372	OPERATING SYSTEMS	Silberschatz. A. and Galvin. P.B., Operating System Concepts, 7th edition, Addison Wesley, 2005.
CS F376 / CS F377	DESIGN PROJECT	No Text book required.
CS F407	ARTIFICIAL INTELLIGENCE	A Modern Approach, Third edition by Stuart J. Russell and Peter Norvig
CS F469	INFORMATION RETRIEVAL	An Introduction to Information Retrieval, Christopher D. Manning, Prabhakar Raghavan, Hinrich Schutze, Cambridge University Press, 3rd Edition
CS G520	ADVANCED DATA MINING	
CS G525	ADVANCED COMPUTER NETWORKS	1. Kurose James F and Keith W. Ross: Computer Networking: A Top-Down Approach Featuring the Internet, Pearson Education, 5th Edition, 2012
CS G525	ADVANCED COMPUTER NETWORKS	L. Peterson and B. Davie, Computer Networks: A Systems Approach, Fourth Edition, Elsevier, 2007
CS G526	ADVANCED ALGORITHMS AND COMPLEXITY	TO BE ANNOUNCED BY INSTRUCTOR IN CHARGE
CS G541	PERVASIVE COMPUTING	
CS G553	RECONFIGURABLE COMPUTING	Wayne Wolf, "FPGA based System Design" ,Pearson Education
CS G623	ADVANCED OPERATING SYSTEMS	TO BE ANNOUNCED BY INSTRUCTOR IN CHARGE
DE G531	PRODUCT DESIGN	Kevin Otto and Kristin Wood, "Product Design", Pearson Education, 2001, Paperback Indian Ed-2013
DE G611	DYNAMICS & VIBRATION	Leonard Meirovitch "Elements of vibration analysis"
DE G631	MATERIALS TECH & TESTING	William F. Smith, Javad Hashemi, 'Material Science & Engineering", In SI units Fourth edition, McGrawHill.
ECE F211 / EEE F211 / INSTR F211	ELECTRICAL MACHINES	1. D.P Kothari , I J Nagrath "Electric Machines", 2. . P.S.Bhimbhra, "Electrical Machinery".
ECE F212 / EEE F212 / INSTR F212 / PHY F212	ELECTROMAGNETIC THEO	1. Introduction to Electrodynamics, D J Griffiths, Printince Hall of India 2. Foundations of Electromagnetic Theory 4th Edition by Robert W. Christy, John R. Reitz, Frederick J. Milford - Pearson Education.
ECE F214 / EEE F214 / INSTR F214	ELECTRONIC DEVICES	B.G. Streetman& Sanjay banerjee , "Solid State Electronic Devices",6th edition, Pearson prentice hall
ECE F214 / EEE F214 / INSTR F214	ELECTRONIC DEVICES	John C. Bellamy, Digital Telephony, John Wiley & Sons, Inc., 3rd edn, 2002.
ECE F266 / EEE F266 / INSTR F266	STUDY PROJECT	No Text book required.
ECE F311/ EEE F311	COMMUNICATION SYSTEMS	
ECE F314	ELECTROMAGNETIC FIEDL & MICROWAVE ENGG	
ECE F366 / ECE F367 / EEE F366 / EEE F367 / INSTR F366 / INSTR F367	LABORATORY PROJECT	No Text book required.
ECE F376 / ECE F377 / EEE F376 / EEE F377 / INSTR F376 / INSTR F377	DESIGN PROJECT	No Text book required.

Course number	Course title	TEXT BOOK(S)
ECE F418/ EEE F418	MODERN COMMUNICATION TECHNOLOGIES	DIGITAL COMMUNICATIONS Fundamentals and Applications: BERNARD SKLAR and Pabitra Kumar Ray; Pearson Education 2009, 2/e
ECE F431 / EEE F431	MOBILE TELECOMMUNICATION NETWORKS	1. Rappaport T S, Wireless Communications, PHI/Pearson Education
ECE F431 / EEE F431	MOBILE TELECOMMUNICATION NETWORKS	2. Principles and applications of GSM, by Vijay Garg
ECE F472 / EEE F472	SATELLITE COMMUNICATION	T. Pratt , C.W. Bostian and J.E. Allnut, Satellite Communication, John Wiley & Sons (Asia) ,2nd edn, 2002.
ECON F211	PRINCIPLES OF ECONOMICS	R. Lipsey and Chrystal, Economics, XII ed.
ECON F212	FUNDA OF FIN AND ACCOUNT	1.Horngren, Sundem, and Elliott, Introduction to Financial Accounting, Pearson Education India Ltd., 8th ed., 2004.
ECON F212	FUNDA OF FIN AND ACCOUNT	2.Bhole, L.M., Financial Institution & Market Structure: Growth and innovation, Tata McGraw Hill, 4th ed., 2004
ECON F213	MATHEMATIC & STAT METHOD	1.Newbold, Carlson and Thorne, Statistics for Business and Economics, Pearson Education, 2007, 6th Edition
ECON F213	MATHEMATIC & STAT METHOD	2.Alpha Chiang and Kelvin Wainwright, "Fundamental methods of Mathematical Economics", Tata McGraw-Hill, 4th Ed., 2005..
ECON F214	ECONOMIC ENV OF BUSINESSS	Essential Economics for Business , J.Sloman & E. Jones, 5th ed. Pearson ,2017
ECON F266	STUDY PROJECT	No Text book required.
ECON F311	INTERNATIONAL ECONOMICS	Dominick Salvatore: International Economics , John Wiley & sons, 10th ed.
ECON F312	MONEY BANK & FIN MARKETS	Mishkin, Frederic S., The Economics of Money, Banking and Financial Markets (Addison‑Wesley) Ninth Edition, 2010
ECON F313	ISSUES IN ECONOMIC DEVELOPMENT	Meier M Gerald and Rauch E James, Leading Issues in Economic Development , eighth Edition, Oxford University Press, New York.; Ref. Book: Development Economics by Devraj Ray
ECON F315 / FIN F315	FINANCIAL MANAGEMENT	Prasanna Chandra, Financial Management : Theory & Practice: 8th /9th edition
ECON F345	BEHAVIORAL ECONOMICS INDIAN ECONOMIC	No Prescribed Text Book. Reference Books: 1)Erik Angner, A Course in Behavioral Economics, Palgrave Macmillan, 2016; 2)Masao Ogaki, Saori C. Tanaka,Behavioral Economics: Toward a New Economics by Integration with Traditional Economics, Springer, 2018; 3)Edward Cartwright, Behavioral Economics, Routledge, 2018
ECON F354 / FIN F311	DERIVATIVES & RISK MANAGEMENT	John Hull, Otion Futures and other derivative, Pearson,2010
ECON F355	BUSINESS ANALYSIS AND VALUATION	Krishna G. Palepu, Paul M. Healy, Business Analysis & Valuation - Using Financial Statements, Text & Cases, Cengage Learning Publisher,2010
ECON F366 / ECON F367	LABORATORY PROJECT	No Text book required.
ECON F376 / ECON F377	DESIGN PROJECT	No Text book required.
ECON F413	FINANCIAL ENGINEERING	Robert L. Kosowski and Salih N. Neftci(2015).Principles of Financial Engineering. Academic Press.Third edition.
ECON F415	NEW VENTURE CREATION	TO BE ANNOUNCED BY INSTRUCTOR IN CHARGE
ECON F435	MARKETING RESEARCH	MALHOTRA NARESH K., Marketing Research: An applied orientation. Pearson Education, 2011, 6th Edition
ECON F491	SPECIAL PROJECT	No Prescribed Text Book
EEE F313 / INSTR F313	ANALOG & DIGIT VLSI DES	
EEE F416/ ECE F416	DIGITAL COMMUNICATION	
EEE F422	MODERN CONTROL SYSTEMS	1. M. Gopal," Modern Control System Theory", New Age International (P) Ltd, 2nd ed. 2. Nagrath I. J. and M. Gopal, "Control Systems Engineering", New Age International (P) Ltd, 5th ed, 2007.
EEE F432/ INSTR F432	MEDICAL INSTRUMENTATION	Cromwell L, et. al, Biomedical Instrumentation & Measurements; PHI, New Delhi,. 2nd Ed, 1980.
EEE F434/ECE F434	DIGITAL SIGNAL PROCESSING	"Digital Signal Processing" S.K Mitra, TMH, Second Edition.
EEE F435	DIGITAL IMAGE PROCESSING	Textbook: Rafael C. Gonzalez, Richard E. Woods, Digital Image Processing, 3rd Edition REF1:Anil K. Jain, Fundamentals of Digital Image Processing, First Edition
EEE F473 / INSTR F473/ ME F483	WIND ELECTRICAL SYSTEM/ WIND ENERGY	T1. Wind Power Technology , Earnest Joshua, Prentice Hall of India. T2. Wind Electrical Systems, S. N. Bhadra, D. Kastha, S. Banerjee, Oxford University Press, 2005, Ninth Impression (2011)
EEE G512	EMBEDDED SYSTEM DESIGN	Wolf Wayne, Comp. as Components: Princ. of Embed. Comp., Elsevier, 2nd edn 2008.

Course number	Course title	TEXT BOOK(S)
EEE G613	ADVANCED DIGITAL SIGNAL PROCESSING	
EEE G626	HARDWARE SOFTWARE CO-DESIGN	1. Daniel D Gajski, Frank Vahid, Sanjay Narayan, Jie Gong, Specification and Design of Embedded Systems, Prentice Hall,1994. 2.Peter Marwedel, Embedded System Design, Springer 2003 3.Jorgen Staunstrup, Wayne Wolf, Hardware / Software Co-Design: Principles and Practice, Kluwer Academic, 1997.
FIN F414	FINANCIAL RISK ANALYTICS AND MANAGEMENT	John C. Hull, Risk Management & Financial Institutions, 4th Edition, Wiley, 2015
GS F211	MODERN POLITICAL CONCEPTS	Heywood, A. (2000) Key Concepts in Politics. Basingstoke: Palgrave Macmillan.
GS F212	ENVIRON DEV & CLIMATE CH	
GS F221	BUSINESS COMMUNICATION	
GS F231	DYNAMICS OF SOCIAL CHANGE	
GS F233	PUBLIC POLICY	
GS F234	DEVELOPMENT ECONOMICS	Misra, S. K. and Puri, V. K. (2005), Development and Planning: Theory and Practices (13th Revised Edition), Himalaya Publishing House, Bombay. Revised Edition), Himalaya Publishing House, Bombay. Practices (13th Revised Edition), Himalaya Publishing House, Bombay.
GS F245	EFFECTIVE PUBLIC SPEAKING	Lata, Pushp and Kumar Sanjay. Communicate or Collapse: A Handbook of Effective Public Speaking, Group Discussions and Interviews, PHI,New Delhi. 2007.
GS F312	APPLIED PHILOSOPHY	Jostein Gaarder, Sophie's World, London: Phoenix, 1996 (Paperback Edition)
GS F322	CRITICAL ANALYSIS OF LITERATURE AND CINEMA	T1: Muller, M. Gilbert and John A. Williams, T The McGraw-Hill Introduction to Literature, 2nd Ed., New York: McGraw Hill Inc., 1995.
GS F322	CRITICAL ANALYSIS OF LITERATURE AND CINEMA	T-2 Geetha, B., Introduction to Film Analysis, EDD Notes: BITS, Pilani. 2008
GS F332	CONTEMPORARY INDIA	
HSS F222	LINGUISTICS	
HSS F227	CROSS CULTURAL SKILLS	T1 Geert Hofstede, Gert Jan Hofstede, Michael Minkov.2010.Cultures and Organizations: Software of the Mind. 3rd Edition.USA:McGraw-Hill
HSS F227	CROSS CULTURAL SKILLS	T2 Madhavan .S.2011. Cross –Cultural Management: Concepts and Cases. New Delhi: OUP.
HSS F233	MAIN TRENDS IN INDIAN HISTORY	
HSS F235	INTRODUCTORY PHILOSOPHY	(i)Sharma, R.N., History of Western Philosophy, Meerut, 1993 ‑ 1994. (ii) Sharma, C.D., Critical Survey of Indian Philosophy, Motilal Banarasidas, New Delhi, 2003
HSS F236	SYMBOLIC LOGIC	Copi, Irving M., Symbolic Logic, 5th Edition, Pearson Education, 1979 (Indian Reprint, 2006)
HSS F266	STUDY PROJECT	No Prescribed Text Book
HSS F337	ENGLISH LITERARY FORMS AND MOVEMENTS	Long William J, English Literature : Its History and Significance, Kolkata : Books Way,2009
HSS F343	PROFESSIONAL ETHICS	Boatright, John R., Ethics and the Conduct of Business, Pearson Education, Indian Reprint, 2003
HSS F346	INTERNATIONAL RELATIONS	
HSS F347	INTRODUCTION TO CARNATIC MUSIC	
HSS F349	ECOCRITICISM	T1 Glotfelty, Cheryll and Harold Fromm. Eds. The Ecocriticism Reader: Landmarks in Literary Ecology. Athens and London: U of Georgia Press, 1996. Print.
HSS F349	ECOCRITICISM	T2 Alex, Rayson K, S. Susan Deborah and Sachindev P.S. Eds. Culture and Media: Ecocritical Explorations. London: Cambridge Scholars Publishing, 2013.
HSS F363	DISASTER AND DEVELOPMENT	
HSS F371	CITIES-LIFE, ISSUES AND CONFLICTS	

Course number	Course title	TEXT BOOK(S)
HSS F373	SHAKESPEARE AND POPULAR CULTURE	Shakespeare, William.Hamlet. Revised Edition.The Arden Shakespeare. Ed.Ann Thomson and Neil Taylor. Bloomsbury, 2006.; Castiglione, Baldesar. The Book of the Courtier. Trans. George Bull. Penguin, 2003.; Machiavelli, Niccolò. The Prince. Trans. James B. Atkinson. Hackett Publishing Company, Inc., 2008; Frye, Roland Mushat. The Renaissance Hamlet: Issues and Responses in 1600. Princeton UP, 1984; White, R.S. Avant-Garde Hamlet: Text, Stage, Screen. Fairleigh Dickinson UP, 2015; Cook, Patrick J. Cinematic Hamlet: The Films of Olivier, Zeffirelli, Branagh, and Almereyda. Ohio UP, 2011; Greenblatt, Stephen. Hamlet in Purgatory. Princeton UP, 2013; Murray, Janet H. Hamlet on the Holodeck: The Future of Narrative in Cyberspace. The Free Press, 1997; Bradley, A.C., Shakespearean Tragedy. 3rd Edition. MacMillan, 1992; Almereyda, Michael. Dir. Hamlet 2000.Cast. Ethan Hawke, Julia Styles, Bill Murray, etc. Miramax Films. 2000; Bhardwaj, Vishal. Dir. Haider.Cast. Shahid Kapoor, Shraddha Kapoor, Kay Kay Menon, etc. V. B. Pictures. 2014; McCloud, Scott. Making Comics: Storytelling, Secrets of Comics, Manga and Graphic Novels. Harper-Collins, 2006; Einser, Will. Hamlet on a Rooftop. Graphic Illustration (Text not required)
HSS F374	URBAN MODERNITY AND THE RENEWAL OF PARIS	Harvey, David. Paris, Capital of Modernity. Routledge –Taylor & Francis Group, 2003.; Papayanis, Nicholas. Planning Paris Before Haussmann. The Johns Hopkins UP, 2004. ; Hahn, Hazel H. Scenes of Parisian Modernity: Culture and Consumption in the Nineteenth Century. Palgrave MacMillan, 2009. ; Truesdell, Matthew. Spectacular Politics: Louis Napoleon Bonaparte and the Fete Imperiale, 1849-1870. OUP, 1997.; Benjamin, Walter. The Arcades Project. Belknap Press, 2002.; Salmaan, Howard. Haussmann: Paris Transformed. George Braziller, 1971
HSS G511	PHILOSOPHICAL FOND OF LIB STDS	
HSS G512	THEORETICAL APRCHS TO LIB STDS	
INSTR F311	ELECTRO INST &INST TECH	M.M.S.Anand, Electronic Instruments & Instrumentation Technology, PHI,.2003
INSTR F312	TRANSD & MEASUREMENT SYS	1. Ernest O. Doebelin, "Measurement Systems Applications and Design", Tata McGraw Hill Fifth Edition, 2004
INSTR F312	TRANSD & MEASUREMENT SYS	2. Bhanot Surekha, "Transducers and Measurement Systems", Notes EDD Vol. I&II, 2007
MATH F111	MATHEMATICS I	Thomas et al. Thomas Calculus, Pearson Education, 12th edition, 2015.
MATH F113	PROBABILITY AND STATISTICS	Devore, J. L., Probability & Statistics for Engineering and the Sciences, 8th edition, Cengage Learning, 2012.
MATH F211	MATHEMATICS III	Simmons G.F., Differential Equations with Applications and Historical Notes, 2nd ed. TMH, 2002.
MATH F212	OPTIMIZATION	Hamdy.A.Taha, Operations Research: An Introduction, Pearson Education, 9th.edn, 2012.
MATH F213	DISCREET MATHEMATICS	Mott, Kandel, & Baker : Discrete Mathematics for Computer Scientists & Mathematicians PHI, 2e, 2002.
MATH F214	ELEMENTARY REAL ANALYSIS	W. Rudin, Principles of Mathematical Analysisl, 3rd edition, McGraw,Hill, 1983.
MATH F215	ALGEBRA I	I.N. Herstein, Topics in Algebra, 2nd ed, John Wiley, 1975.
MATH F266	STUDY PROJECT	No Prescribed Text Book
MATH F311	INTRODUCTION TO TOPOLOGY	James R., Munkres, Topology, 2nd Edition, Pearson Education, 2001.
MATH F312	ORDINARY DIFFERENTIAL EQUATIONS	S Ahmad and M R M Rao: Theory of Ordinary Differential Equations with Applications in Biology and Engineering, East West Press, 1999
MATH F313	NUMERICAL ANALYSIS	Richard L Burden and J Douglas Faires, Numerical Analysi: Theory and Applications, Cengage Learning, India Edition, 2010.
MATH F353	STATISTICAL INFERENCE AND APPLICATIONS	1. Operation Reasearch EDD notes part-I, 2. M. Sheldon Ross: Introductory Statistics, 3rd Ed, Academic Press, 2010
MATH F354	COMPLEX ANALYSIS	1. Lars V. Ahlfors: Complex Analysis, McGraw-Hill, 1966. 2. John B. Conway: Functions of One Complex Variable, Springer-Verlag, 1978.
MATH F366 / MATH F367	LABORATORY PROJECT	No Text book required.
MATH F376 / MATH F377	DESIGN PROJECT	No Text book required.
MATH F424	APPLIED STOCHASTIC PROCESS	J. Medhi, Stochastic Processes, New Age International Publication, 3rd edition, 2009.

Course number	Course title	TEXT BOOK(S)
MATH F444	NUMERICAL SOLUTIONS OF ORDINARY DIFFERENTIAL EQUATIONS	TO BE ANNOUNCED BY INSTRUCTOR IN CHARGE
MATH F471	NONLINEAR OPTIMIZATION	TO BE ANNOUNCED BY INSTRUCTOR IN CHARGE
ME F112	WORKSHOP PRACTICE	B S Nagendra Parashar and R K Mittal, Elements of Manufacturing Process, Prentice Hall of India, 2008
ME F211	MECHANICS OF SOLIDS	S. H. Crandall et al., "An Introduction to Mechanics of Solids (In SI Units)",McGraw-Hill. Third Edition
ME F212	FLUID MECHANICS	Bruce R. Munson, Donald F. Young, and Theodore H. Okiishi, Fundamentals of Fluid Mechanics, 6th Edition, John Wiley Student Edition, 2010.
ME F213	MATERIAL SCIENCE & ENGG	Callister "Material science and engineering ", John Wily & Sons, 8th Edition.
ME F214	APPLIED THERMODYNAMICS	1) Cengel Y. A. and Boles M. A. "Thermodynamics – An Engineering Approach" –Tata McGraw- Hill Pub.Co. Ltd., 8th ed., 2016. 2) Nag P. K. "Basic and Applied Thermodynamics" –Tata McGraw- Hill Pub.Co. Ltd., 2nd ed., 2011.
ME F243	PRODUCTION TECHNIQUES I	1. Sero Kalpakjian and Steven Schmid, "Manufacturing Processes for Engineering Materials", Pearson education, India. 2. Ghosh A. and Mallik A. K., "Manufacturing Science", 2nd Edition, Affiliated East West Press, New Delhi.
ME F266	STUDY PROJECT	No Text book required.
ME F311	HEAT TRANSFER	F. P. Incropera & D. P. Dewitt, "Fundamentals of Heat and Mass Transfer", John Wiley & Sons, 2010, 6th edition
ME F312	ADVANCED MECHANICS OF SOLIDS	1) Arthur P., Boresi and R.J. Schinid , Advanced Mechanics of Materials, 6th Edition, John & Wiley, 2003.
ME F342	COMPUTER AIDED DESIGN	Zeid I., "Mastering CAD/CAM", Tata McGraw-Hill, New Delhi, 2005.
ME F366 / ME F367	LABORATORY PROJECT	No Text book required.
ME F376 / ME F377	DESIGN PROJECT	No Text book required.
ME F420	POWER PLANT ENGINEERING	Nag P.K. "Power Plant Engineering", Tata McGraw-Hill Pub. Co. Ltd, New Delhi (Third edition), 2008
ME F423	MICRO-FLUIDICS & ITS APP	T1) Nguyen, N. T., Werely, S. T., "Fundamentals and applications of Microfluidics", Artech house Inc., 2002. T2) Bruus, H., "Theoretical Microfluidics", Oxford University Press Inc., 2008.
ME F443	QUALI CONTRO ASSUR & REL	Mitra A., "Fundamentals of Quality Control and Improvement", Wiley , 3rd ed., 2008
ME F485	NUMERICAL TECHNIQUES FOR FLUID FLOW AND HEAT TRANSFER	
ME F491	SPECIAL PROJECTS	No Prescribed Text Book
ME G511	MECHANISMS & ROBOTICS	TO BE ANNOUNCED BY INSTRUCTOR IN CHARGE
ME G512	FINITE ELEMENT METHOD	TO BE ANNOUNCED BY INSTRUCTOR IN CHARGE
ME G532	MACHINE TOOL ENGINEERING	NK Mehta," Machine Tool Design & Numerical Control', third edition, Tata McGraw Hill Pvt. Ltd, New Delhi, 2012
ME G535	ADVANCED ENGINEERING MATHEMATICS	1. Kreyszig, Erwin. Advanced engineering mathematics. John Wiley & Sons, 2010. 2. Chapra, Steven C., and Raymond P. Canale. Numerical methods for engineers. Vol. 2. New York: McGraw-Hill, 1988.
ME G611	COMPUTER AIDED ANALYSIS & DESIGN	Zeid I., "Mastering CAD/CAM", Tata McGraw-Hill, New Delhi, 2005.
MEL G611	I C FABRICATION TECH	1)1.May, Gary S. and Sze, S., M., Fundamentals of Semiconductor Fabrication, Wiley Students Edition 2)Stephen A Campbell, "The science and Engineering of Microelectronic Fabrication" , Oxford Publishers
MEL G621	VLSI DESIGN	1. Introduction to VLSI Circuits and Systems, J.P Uyemura, Publisher: Wiley, 2006
MEL G621	VLSI DESIGN	2. Digital Integrated Circuits (2nd Edition) ,Jan Rabaey ,Prentice Hall,
MEL G623	ADVANCED VLSI DESIGN	1.Jan M Rabaey, A. Chandrakasan, B-Nikolic , Digital Integrated circuits, 2/e ,Pearson Education"
MEL G623	ADVANCED VLSI DESIGN	2. Gary Yeap, Practical Low Power Digital VLSI Design", Springer
MEL G624	ADVANCED VLSI ARCHITECTURE	
MEL G625	ADVANCED ANALOG AND MIXED SIGNAL DESIGN	1.Behzard Razavi, RF Microelectronics, 2nd Edition, PH 2.Bosco Leuang, VLSI for Wireless Communication, Pearson Education, 2004

Course number	Course title	TEXT BOOK(S)
MEL G631	PHY & MO OF MICROEL DEV	TO BE ANNOUNCED BY INSTRUCTOR IN CHARGE
MF F421	SUPPLY CHAIN MANAGEMENT	TO BE ANNOUNCED BY INSTRUCTOR IN CHARGE
MST G511	NONDESTRUCTIVE TESTING TECHNIQUES	Nondestructive Testing Techniques by Ravi Prakash, New Age Publishers, New Delhi, 2007. OR Non-Destructive Test and Evaluation of Materials by J Prasad, C. G. Krishnadas Nair, Tata McGraw-Hill Publishing Company Ltd., New Delhi, 2011.
MST G522	ADVANCED COMPOSITES	
PHY F110	PHYSICS LABORATORY	No text book required
PHY F111	MECHANICS OSCILLATIONS &WAVES	1) Kleppner, Daniel & R.J.Kolemkow, An Introduction to Mechanics, TMH, 2007.
PHY F111	MECHANICS OSCILLATIONS &WAVES	2) French, Anthony P, Vibrations and Waves, CBS,1987.
PHY F211	CLASSICAL MECHANICS	Classical Mechanics by Goldstein, Pearson Education
PHY F213	OPTICS	Ajoy Ghatak, "Optics" (5th Edition), TMH
PHY F214	ELEC, MAGNET & OPTICS LAB	No text book required
PHY F215	INTRODUCTION TO ASTRONOMY & ASTROPHYSICS	IGNOU Study Material
PHY F266	STUDY PROJECT	No Text book required.
PHY F311	QUANTUM MECHANICS II	Text: Introduction to Quantum Mechanics by D J Griffiths, 2nd edition, published by Pearson.
PHY F311	QUANTUM MECHANICS II	Reference: J J Sakurai, Modern Quantum Mechanics, Pearson Education.
PHY F312	STATISTICAL MECHANICS	Statistical Mechanics (2nd Edition) by Kerson Huang, Wiley
PHY F312	STATISTICAL MECHANICS	Statistical Mechanics (3rd edition) by R.K.Pathria
PHY F313	COMPUTATIONAL PHYSICS	A first course in computational physics by Paul DeVries & J.E. Hasbun , Jones & Bartlett
PHY F315	THEORY OF RELATIVITY	Text book: Introduction to relativity by R Resnick, Referece book: A short course in general relativity, J Foster and J D Nightingale, 3rd Ed., Springer India, 2009
PHY F366 / PHY F367	LABORATORY PROJECT	No Text book required.
PHY F376 / PHY F377	DESIGN PROJECT	No Text book required.
PHY F412	INTRODUCTION TO QUANTUM FIELD THEORY	Quantum Field Theory by Mandl and Shaw, 2nd Edition, Wiley
PHY F413	PARTICLE PHYSICS	Text book:Modern Particle Physics by Mark Thomson,Cambridge University Press, Reference book: Quarks & Leptons by Halzen, F. L. and Martin A. D., John Wiley and Sons
PHY F418	LASERS AND APPLICATIONS	1) Laser Fundamentals, by W.T. Silfvast, 2) Optical Electronics, by Ghatak & Thyagarajan, 3) Laser Electronics, by J.T. Verdeyen, 4) Principles of lasers, by O.Swelto
PHY F421	ADVANCED QUANTUM MECHANICS	(1) Concepts in Quantum Mechanics, V.S. Mathur & Surendra Singh, Series in Pure & Applied Physics; CRC Press, 2019. (2) Non- Relativistic Quantum Mechanics. Ravinder.R.Puri. Cambridge University Press, 2017. (3) Advanced Quantum Mechanics , Rainer Dick, Graduate Texts in Physics, Springer, 2012. (4) Relativistic Quantum Mechanics, Walter Greiner, 3rd Edition, Springer Verlag,2000.
PHY F426	PHYSICS OF SEMICONDUCTOR DEVICES	Text book-1: Physics of semiconductor devices, J.P.Colinge & C.A.Colinge, Kluwer academic publishers; Text book-2: Physics of Low-dimensional semiconductors, J.H.Davis, Cambridge university press
PHY F428	QUANTUM INFORMATION THEORY	1) Quantum Information Theory by Mark M Wilde, 2017. 2)"Quantum Computation and Quantum Information" by M A by Nielsen and I Chuang
PHY G514	QUANTUM THEORY & APPLI	1) "Modern Quantum Mechanics" J. J. Sakurai, Pearson Education, 1994. (2) "Principles of Quantum Mechanics", R Shankar (Ed. 2), Springer, 1994. (3) Quantum Mechanics Vol I and II, Cohen-Tannoudji, Diu and Laloe, Wiley, 2005
PHY G516	STATISTICAL PHY & APPLI	Statistical Mechanics, R.K. Pathria; Reference Book: Statistical Mechanics, Kerson Huang; Thermodynamics & Statistical Mechanics, Greiner, Neise, Stocker; Fundamentals of Statistical & Thermal Physics, Reif; Statistical Physics, F. Reif , Berkeley Physics course, Vol. 5
SAN G511	SANITATION TECHNOLOGY	
SAN G512	SANITATION AND PUBLIC HEALTH	
SAN G513	SAN GVRNNCE BHAVR CHG&ADVCY	

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SS G653	SOFTWARE ARCHITECHTURES	