

# THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, PATIALA

## LIST OF SUBJECTS OFFERED / FACULTY ASSIGNED FOR SUMMER SEMESTER (2021)

SR. NO.	COURSE NAME	COURSE CODE	ST. COUNT	MODE	DEPT./ SCHOOL	NAME OF FACULTY	TJET EMAIL ID.
1	BIOCHEMISTRY I	UBT004	1	SELF STUDY	BTD	Dr. N. Das	ndas@thapar.edu
2	MICROBIOLOGY	UBT301	1	SELF STUDY	BTD	Dr. M. Vasundhara	mvasundhara@thapar.edu
3	FOOD SCIENCE	UBT302	1	SELF STUDY	BTD	Dr. Ovais Shafiq Qadri	osqadri@thapar.edu
4	BIOCHEMISTRY II	UBT303	2	SELF STUDY	BTD	Dr. Sanjai Saxena	ssaxena@thapar.edu
5	MOLECULAR BIOLOGY	UBT304	1	SELF STUDY	BTD	Dr. Vikas Handa	vikas.handa@thapar.edu
6	IMMUNOTECHNOLOGY	UBT504	2	SELF STUDY	BTD	Dr. Manoj Baranwal	manoj.baranwal@thapar.edu
7	TRANSDUCERS AND BIOSENSORS	UBT508	2	SELF STUDY	BTD	Dr. Swati Sondhi	swati.sondhi@thapar.edu
8	ANIMAL BIOTECHNOLOGY	UBT601	1	SELF STUDY	BTD	Dr. Siddharth Sharma	siddharthsharma.phd@thapar.edu
9	BIOINFORMATICS AND BIOSTATISTICS	UBT602	1	SELF STUDY	BTD	Dr. M.S. Reddy	msreddy@thapar.edu
10	BIOPROCESS ENGINEERING	UBT603	1	SELF STUDY	BTD	Dr. Debajyoti Dutta	debajyoti.dutta@thapar.edu
11	PLANT BIOTECHNOLOGY	UBT605	2	SELF STUDY	BTD	Dr. Anil Kumar	adata@thapar.edu
12	ARCHITECTURE DRAWING & BUILDING CONSTRUCTION	UCE306	2	SELF STUDY	CED	Dr. Himanshu Chawla	himanshu.chawla@thapar.edu
13	SURVEYING	UCE403	1	SELF STUDY	CED	Dr. Manpreet Singh	manpreetsingh2@thapar.edu
14	STRUCTURAL ANALYSIS	UCE404	2	SELF STUDY	CED	Dr. Heaven Singh	heaven.singh@thapar.edu
15	DESIGN OF CONCRETE STRUCTURES-I	UCE508	1	SELF STUDY	CED	Dr. Shweta Goyal	shweta@thapar.edu
16	TRANSPORTATION ENGG. - I	UCE509	1	SELF STUDY	CED	Dr. Tanuj Chopra	tchopra@thapar.edu
17	SURVEY PROJECT	UCE592	2	with Regular Students	CED	Dr. Manpreet Singh	manpreetsingh2@thapar.edu
18	DESIGN OF STEEL STRUCTURES - I	UCE609	2	SELF STUDY	CED	Dr. AB Danie Roy	abdanie@thapar.edu
19	MECHANICS	UES009	30	READING	CED	Dr. Reema Goyal	reema.goyal@thapar.edu
20	CHEMICAL ENGINEERING THERMODYNAMICS	UCH303	1	SELF STUDY	CHED	Dr. Sudhir K. Singh	sksingh@thapar.edu
21	FLUID AND PARTICLE MECHANICS	UCH401	1	SELF STUDY	CHED	Dr. J.P. Kushwaha	jpkushwaha@thapar.edu
22	HEAT TRANSFER	UCH402	1	SELF STUDY	CHED	Mr. Rakesh K. Gupta	rakeshkgupta@thapar.edu
23	CHEMICAL PROCESS INDUSTRIES	UCH507	2	SELF STUDY	CHED	Dr. Neetu Singh	neetu.singh@thapar.edu

24	THERMO-FLUIDS	UES011	10	READING	CHED	Dr. S. Barman Dr. Avinash Chandra	sbarman@thapar.edu and avinash.chandra@thapar.edu
25	DATA BASE MANAGEMENT SYSTEM	MCA102	2	SELF STUDY	CSED	Dr Abhijit Das	abhijit.das@thapar.edu
26	DATA STRUCTURES	MCA105	1	SELF STUDY	CSED	Dr. Rajiv Kumar	rkumar@thapar.edu
27	ADVANCE JAVA PROGRAMMING	PCA602	1	SELF STUDY	CSED	Mr. Shatrughan Modi	shatrughan.modi@thapar.edu
28	ENTERPRISE RESOURCE PLANNING	PCA603	1	SELF STUDY	CSED	Dr. Harkiran Kaur	harkiran.kaur@thapar.edu
29	INTRODUCTION TO CYBER SECURITY	UCS001	1	SELF STUDY	CSED	Dr. Sangita Roy	sangita.roy@thapar.edu
30	DATA STRUCTURES	UCS301	15	READING	CSED	Dr. Shreelekha Pandey	shreelekha.pandey@thapar.edu
31	OPERATING SYSTEMS	UCS303	27	READING	CSED	Dr. Vinay Arora	vinay.arora@thapar.edu
32	DATABASE MANAGEMENT SYSTEM	UCS310	4	SELF STUDY	CSED	Dr. Anshu Parashar	aparashar@thapar.edu
33	PRACTICAL COMPUTING	UCS311	1	SELF STUDY	CSED	Ms. Amrita	amrita@thapar.edu
34	OPERATING SYSTEMS	UCS314	8	SELF STUDY	CSED	Dr. Sumana Maiti	sumana.maiti@thapar.edu
35	COMPUTER SYSTEM ARCHITECTURE	UCS401	1	SELF STUDY	CSED	Dr. V. P. Singh	vpsingh@thapar.edu
36	DISCRETE MATHEMATICAL STRUCTURES	UCS405	10	READING	CSED	Ms. Rajanpreet Kaur	rajanpreet@thapar.edu
37	DATA STRUCTURES AND ALGORITHMS	UCS406	2	SELF STUDY	CSED	Dr. Sunita Garhwal	sgarhwal@thapar.edu
38	INVENTIONS & INNOVATIONS IN COMPUTING	UCS407	1	SELF STUDY	CSED	Ms. Anupam Garg	anupam.garg@thapar.edu
39	PROBABILITY AND STATISTICS	UCS409	10	READING	CSED	Dr. Shubham Goel	shubham.goel@thapar.edu
40	SOFTWARE ENGINEERING	UCS503	4	SELF STUDY	CSED	Mr. Amit Trivedi	amitkumar.trivedi@thapar.edu
41	BIG DATA ANALYTICS AND BUSINESS INTELLIGENCE	UCS506	1	SELF STUDY	CSED	Dr. Sharad Saxena	sharad.saxena@thapar.edu
42	COMPUTER ARCHITECTURE AND ORGANIZATION	UCS507	1	SELF STUDY	CSED	Dr. Rupali Bhardwaj	rupali.bhardwaj@thapar.edu
43	GRAPHICS AND VISUAL COMPUTING	UCS508	1	SELF STUDY	CSED	Dr. Raj Kumar Tekchandani	rtekchandani@thapar.edu
44	COMPUTER NETWORKS	UCS518 UCS520	1 9	READING	CSED	Mr. Sumit Miglani	smiglani@thapar.edu
45	ARTIFICIAL INTELLIGENCE	UCS521 UCS411	3 2	SELF STUDY	CSED	Dr. Sukhnandan Kaur	sukhnandan.kaur@thapar.edu

46	COMPUTER & NETWORK SECURITY	UCS523 UCS534	3 1	SELF STUDY	CSED	Dr. Tarunpreet Bhatia	tarunpreet@thapar.edu
47	MACHINE LEARNING	UCS611	1	SELF STUDY	CSED	Dr. Maninder Kaur	manindersohal@thapar.edu
48	EMBEDDED SYSTEMS DESIGN	UCS614	1	SELF STUDY	CSED	Dr. Nitin Saxena	nitin.saxena@thapar.edu
49	IMAGE PROCESSING	UCS615	1	SELF STUDY	CSED	Dr. Ashutosh Aggarwal	ashutosh.aggarwal@thapar.edu
50	ADVANCED DATA STRUCTURES AND ALGORITHMS	UCS616	5	SELF STUDY	CSED	Dr. Rajesh Mehta	rajesh.mehta@thapar.edu
51	MICROPROCESSOR-BASED SYSTEMS DESIGN	UCS617	1	SELF STUDY	CSED	Dr. Harpreet Singh	harpreet.s@thapar.edu
52	CLOUD COMPUTING	UCS641	1	SELF STUDY	CSED	Dr. Ashima Singh	ashima@thapar.edu
53	THEORY OF COMPUTATION	UCS701	3	SELF STUDY	CSED	Dr. Rohit Ahuja	rohit.ahuja@thapar.edu
54	INDEPENDENT STUDY	UCS781	1	SELF STUDY	CSED	Ms. Anika	anika@thapar.edu
55	COMPUTER PROGRAMMING	UTA003	94	READING	CSED	Dr. Husanbir Singh Pannu	hspannu@thapar.edu
56	INTERNET AND JAVA PROGRAMMING	UTA005	1	SELF STUDY	CSED	Dr. Gurpal Singh	gurpal.singh@thapar.edu
57	COMPUTER PROGRAMMING - II	UTA009	1	SELF STUDY	CSED	Dr. Palika Chopra	palika.chopra@thapar.edu
58	COMPUTER PROGRAMMING - I	UTA017	3	SELF STUDY	CSED	Dr. Hemant Kumar Gianey	hemant.k@thapar.edu
59	OBJECT ORIENTED PROGRAMMING	UTA018	47	READING	CSED	Dr. Seemu Sharma	seemu.sharma@thapar.edu
60	EMPLOYABILITY DEVELOPMENT SKILLS	UTD001	1	SELF STUDY	CTD	Mr. Sanmeet Sidhu	sidhusanmeet@thapar.edu
61	DEVICE PHYSICS AND TECHNOLOGY	PVL108	1	SELF STUDY	ECED	Dr. Arun Kumar Chatterjee	arun.chatterjee@thapar.edu
62	CAD FOR VLSI DESIGN	PVL220	1	SELF STUDY	ECED	Dr. Harpreet Vohra	hvohra@thapar.edu
63	ELECTRONIC ENGINEERING	UEC001	55	READING	ECED	Mr. Shashikant	shashikant@thapar.edu
64	ANALOG ELECTRONIC CIRCUITS	UEC301	2	SELF STUDY	ECED	Dr. Subiman Chatterjee	s chatterjee@thapar.edu
65	ELECTROMAGNETIC FIELD THEORY AND TRANSMISSION LINES	UEC307	3	SELF STUDY	ECED	Dr. Mayank Agarwal	mayank.agarwal@thapar.edu
66	ANALOG COMMUNICATION SYSTEMS	UEC401	2	SELF STUDY	ECED	Dr. Hari Shankar	harishankar.singh@thapar.edu
67	CIRCUIT ANALYSIS AND SYNTHESIS	UEC403	6	SELF STUDY	ECED	Dr. Sanjay Kumar	sanjay.kumar@thapar.edu
68	SIGNALS & SYSTEMS	UEC404	1	SELF STUDY	ECED	Dr. Urvinder Singh	urvinder@thapar.edu
69	PROBABILITY AND INFORMATION THEORY	UEC408	8	SELF STUDY	ECED	Dr. Ashutosh Kumar Singh	aksingh@thapar.edu
70	DIGITAL SIGNAL PROCESSING	UEC502	4	SELF STUDY	ECED	Dr. Geetika Dua	geetika@thapar.edu

71	MICROPROCESSORS AND MICROCONTROLLERS	UEC507	1	SELF STUDY	ECED	Dr. Ajay Kakkar	ajay.kakkar@thapar.edu
72	COMPUTER ARCHITECTURE	UEC509	1	SELF STUDY	ECED	Dr. Ram Kishan Dewangan	ram.kishan@thapar.edu
73	LINEAR INTEGRATED CIRCUITS AND APPLICATIONS	UEC512	1	SELF STUDY	ECED	Dr. Rishikesh Pandey	rpandey@thapar.edu
74	EMBEDDED SYSTEMS	UEC605	10	READING	ECED	Dr. Shireesh Kumar Rai	skumar.raai@thapar.edu
75	DIGITAL COMMUNICATION	UEC607	2	SELF STUDY	ECED	Dr. Hem Dutt Joshi	hemdutt.joshi@thapar.edu
76	MOS CIRCUIT DESIGN	UEC609	1	SELF STUDY	ECED	Dr. Anil Singh	anils.rawat@thapar.edu
77	DIGITAL SYSTEM DESIGN	UEC612	2	SELF STUDY	ECED	Dr. Sujit Kumar Patel	sujit.patel@thapar.edu
78	FIBER OPTIC COMMUNICATION	UEC709	1	SELF STUDY	ECED	Dr. Gitanjali Chandwani	gc.manocha@thapar.edu
79	ANTENNA & WAVE PROPAGATION	UEC747	1	SELF STUDY	ECED	Dr. Amanpreet Kaur-I	amanpreet.kaur@thapar.edu
80	IC FABRICATION TECHNOLOGY	UEC862	1	SELF STUDY	ECED	Dr. Sumit Vyas	sumit.vyas@thapar.edu
81	ENGINEERING DESIGN PROJECT - II	UTA014	12	SELF STUDY	ECED	Dr. Amit Mishra	amit_mishra@thapar.edu
82	INTRODUCTION TO ELECTRONICS INSTRUMENTATION ENGINEERING	UDP005	1	SELF STUDY	EIED	Dr. Saurabh Bharadwaj	saurabh.bhardwaj@thapar.edu
83	ELECTRICAL ENGINEERING	UEE001	62	READING	EIED	Dr. Surya Prakash	surya.prakash@thapar.edu
84	DIRECT CURRENT MACHINES AND TRANSFORMERS	UEE301	1	SELF STUDY	EIED	Dr. Navdeep Kaur	navdeep.kaur@thapar.edu
85	TRANSMISSION AND DISTRIBUTION OF ELECTRIC POWER	UEE304	3	SELF STUDY	EIED	Dr. Suman Bhullar	suman.bhullar@thapar.edu
86	ELECTROMAGNETIC FIELDS AND WAVES ENGG. ELECTROMAGNETICS	UEE305 UEE507	1 1	SELF STUDY	EIED	Dr. Sahaj Saxena	sahaj.saxena@thapar.edu
87	ELECTRO-MECHANICAL ENERGY CONVERSION	UEE306	1	SELF STUDY	EIED	Dr. Shailesh Kumar	shailesh@thapar.edu
88	ALTERNATING CURRENT MACHINES	UEE401	1	SELF STUDY	EIED	Dr. Amrita Sinha	amrita.sinha@thapar.edu
89	MEASUREMENT AND TRANSDUCERS	UEE403	1	SELF STUDY	EIED	Dr. Gagandeep Kaur	gagandeep@thapar.edu
90	NETWORK THEORY AND DESIGN	UEE407	1	SELF STUDY	EIED	Dr. Nitin Narang	nnarang@thapar.edu
91	NETWORK THEORY	UEE409	1	SELF STUDY	EIED	Dr. Nitin Narang	nnarang@thapar.edu
92	POWER ELECTRONICS	UEE504	1	SELF STUDY	EIED	Dr. Santosh Sonar	santosh.sonar@thapar.edu
93	ANALOG AND DIGITAL SYSTEMS	UEE505	3	SELF STUDY	EIED	Dr. Sangeeta Kamboj	sangeeta.kamboj@thapar.edu

94	DIGITAL SIGNAL PROCESSING FUNDAMENTALS	UEE506	1	SELF STUDY	EIED	Dr. Ruchika Lamba	ruchika.mehta@thapar.edu
95	FLEXIBLE AC TRANSMISSION SYSTEMS	UEE604	2	SELF STUDY	EIED	Dr. Parag Nijhawan	parag@thapar.edu
96	POWER SYSTEM ANALYSIS AND STABILITY	UEE605	4	SELF STUDY	EIED	Dr. Jitender Kaushal	jitender.kaushal@thapar.edu
97	ELECTRIC DRIVES	UEE801	1	SELF STUDY	EIED	Dr. Sridhar Joshi	sridhar.joshi@thapar.edu
98	DIGITAL ELECTRONICS	UEI301	1	SELF STUDY	EIED	Dr. Sunil K. Singla	ssingla@thapar.edu
99	SIGNALS AND SYSTEMS	UEI407	1	SELF STUDY	EIED	Dr. Deepti Mittal	deepti.mittal@thapar.edu
100	CONTROL SYSTEMS	UEI501	3	SELF STUDY	EIED	Dr. Swati Sondhi	swati.sondhi@thapar.edu
101	SENSORS AND SIGNAL CONDITIONING	UEI507	1	SELF STUDY	EIED	Dr. Jainy Sachdeva	jainy.sachdeva@thapar.edu
102	INDUSTRIAL INSTRUMENTATION	UEI601	1	SELF STUDY	EIED	Dr. Gagandeep Kaur	gagandeep@thapar.edu
103	PROCESS DYNAMICS AND CONTROL	UEI604 UEI605	1 1	SELF STUDY	EIED	Dr. Vikram Chopra	vikram.chopra@thapar.edu
104	FUNDAMENTALS OF MICROPROCESSORS AND MICROCONTROLLERS	UEI610	1	SELF STUDY	EIED	Dr. Nirbhawjap Singh	nirbhow@thapar.edu
105	COMPUTER ARCHITECTURE AND OPERATING SYSTEM	UEI724	1	SELF STUDY	EIED	Dr. Sunil K. Singla	ssingla@thapar.edu
106	ELECTRICAL & ELECTRONIC ENGINEERING	UES013	11	READING	EIED	Dr. Shakti Singh	shakti.singh@thapar.edu
107	MEASUREMENT SCIENCE AND TECHNIQUES	UES034 UES035	2 2	SELF STUDY	EIED	Dr. Sandeep Pandey	sanbhu28@gmail.com
108	SOLIDS AND STRUCTURES	UES010 UES017	9 2	READING	MED	Dr. Neeraj Grover	neeraj.grover@thapar.edu
109	MECHANICS OF MACHINES	UME306 UME308	10 3	READING	MED	Dr. Gagandeep Bhardwaj	gagandeep.med@thapar.edu
110	DYNAMICS OF MACHINES	UME402	1	SELF STUDY	MED	Dr. Rajendra Kumar Godara	rajendra.kumar@thapar.edu
111	MECHANICS OF DEFORMABLE BODIES	UME404	2	SELF STUDY	MED	Dr. Hiralal Bhowmik	hiralal.bhowmick@thapar.edu
112	MACHINE DESIGN-I MACHINE DESIGN	UME408 UME508	2 1	SELF STUDY	MED	Dr. Jaskaran Singh	jaskaran.singh@thapar.edu
113	COMPUTER AIDED DESIGN & ANALYSIS	UME409 UME411 UME412	1 9 3	READING	MED	Dr. Bikramjit Sharma	bikramjit@thapar.edu
114	MECHATRONIC SYSTEMS	UME410	1	SELF STUDY	MED	Dr. Jay Prakash Tripathi	jay.tripathi@thapar.edu
115	APPLIED THERMODYNAMICS	UME501	3	SELF STUDY	MED	Dr. Anu Mittal	anu.mittal@thapar.edu

116	MANUFACTURING TECHNOLOGY	UME505	2	SELF STUDY	MED	Dr. Vishal Gupta	vishal.gupta@thapar.edu
117	DYNAMICS AND VIBRATIONS	UME513	3	SELF STUDY	MED	Dr. Ashish Purohit	ashish.purohit@thapar.edu
118	INDUSTRIAL ENGINEERING	UME515	1	SELF STUDY	MED	Dr. Rajesh Kumar Shukla	rajesh_kumar@thapar.edu
119	PRODUCT DESIGN AND DEVELOPMENT	UME603	1	SELF STUDY	MED	Dr. Tarun Nanda	tarunnanda@thapar.edu
120	PRODUCTION AND INVENTORY CONTROL	UME604	1	SELF STUDY	MED	Dr. Dheeraj Gupta	dheeraj.gupta@thapar.edu
121	RAPID MANUFACTURING	UME605	1	SELF STUDY	MED	Dr. Vineet Srivastva	vineet.srivastava@thapar.edu
122	INDUSTRIAL METALLURGY	UME733	3	SELF STUDY	MED	Dr. Satish Kumar Sharma	satish.sharma@thapar.edu
123	REFRIGERATION AND AIR CONDITIONING	UME803	1	SELF STUDY	MED	Dr. Rohit Kumar Singla	rohit.kumar@thapar.edu
124	GAS DYNAMICS & TURBO MACHINES	UME807	1	SELF STUDY	MED	Dr. Madhup Mittal	madhup.mittal@thapar.edu
125	RENEWABLE ENERGY SYSTEMS	UME839	1	SELF STUDY	MED	Dr. Sayan Sadhu	sayan.sadhu@thapar.edu
126	APPLIED THERMAL ENGINEERING	UMT303	1	SELF STUDY	MED	Dr. Gautam Setia	gautam.setia@thapar.edu
127	INDUSTRIAL AUTOMATION	UMT802	1	SELF STUDY	MED	Dr. Anant Singh	anantsingh@thapar.edu
128	FACILITY PLANNING	UPE632	1	SELF STUDY	MED	Dr. Rajmeet Singh	rajmeet.singh@thapar.edu
129	MANUFACTURING PROCESSES	UTA002 UTA026	2 17	READING	MED	Dr. P. Kalyan	kp.kalyan@thapar.edu
130	INNOVATION AND ENTREPRENEURSHIP	UTA012 UTA025	9 5	SELF STUDY	MED	Dr. Amandeep Singh Oberoi	oberoi@thapar.edu
131	ENGINEERING DRAWING	UTA015	69	READING	MED	Dr. Atul Sharma	atul.sharma@thapar.edu
132	ENGINEERING DESIGN PROJECT - I ENGINEERING DESIGN -II	UTA013 UTA010	21 1	SELF STUDY	MED ECED	Dr. Sachin Singh Dr. Poonam Verma	sachin.singh@thapar.edu poonam.verma@thapar.edu
133	APPLIED CHEMISTRY	UCB008	58	READING	SCBC	Dr. Diptiman Choudhury Dr. Vikas Tyagi Dr. Raj Kumar Das	diptiman@thapar.edu vikas.tyagi@thapar.edu rkdas@thapar.edu
134	ENERGY AND ENVIRONMENT	UEN002	24	READING	SEE	Dr. Shilpi Verma	shilpi.verma@thapar.edu
135	PHYSIOLOGICAL PSYCHOLOGY	PMP104	1	SELF STUDY	SHSS	Dr. Santha Kumari	santha@thapar.edu
136	RESEARCH METHODS STATISTICS AND ETHICAL ISSUES IN PSYCHOLOGY	PMP105	2	SELF STUDY	SHSS	Dr. Santha Kumari	santha@thapar.edu
137	PROFESSIONAL COMMUNICATION	UHU003	29	READING	SHSS	Dr. Deler Singh	diler.singh@thapar.edu
138	HUMANITIES FOR ENGINEERS	UHU005	1	SELF STUDY	SHSS	Dr. Anupam Sharma	anupam@thapar.edu
139	INTRODUCTORY COURSE IN FRENCH	UHU006	1	SELF STUDY	SHSS	Mr. Parmeet Singh	parmeet.singh@thapar.edu

140	MATHEMATICS - I	UMA003 UMA010	10 41	READING	SOM	Dr. Parmita Roy	parmita.roy@thapar.edu
141	MATHEMATICS - II	UMA004	19	READING	SOM	Dr. Sumit chandok	sumit.chandok@thapar.edu
142	NUMERICAL ANALYSIS	UMA007 UMA011	42 3	READING	SOM	Dr. Paramjeet Singh	paramjeet.singh@thapar.edu
143	OPTIMIZATION TECHNIQUES	UMA031 UMA035	30 1	READING	SOM	Dr. Amit Kumar	amitkumar@thapar.edu
144	NUMERICAL AND STATISTICAL METHODS	UMA033	1	SELF STUDY	SOM	Dr. Jolly Puri	jolly.puri@thapar.edu
145	OPTIMIZATION METHODS	UMA034	3	SELF STUDY	SOM	Dr. Vikas	vikas.sharma@thapar.edu
146	CLASSICAL MECHANICS	PPH101	2	SELF STUDY	SPMS	Dr. Dwijendra Partap Singh	dpsingh@thapar.edu
147	DIGITAL SYSTEMS AND MICROPROCESSORS	PPH108	1	SELF STUDY	SPMS	Dr. Loveleen Kaur Brar	brarloveleen@thapar.edu
148	PARTICLE PHYSICS	PPH301	1	SELF STUDY	SPMS	Dr. Dheeraj Kumar Singh	dheeraj.kumar@thapar.edu
149	NANO-MATERIALS	PPH422	1	SELF STUDY	SPMS	Dr. B. N. Chudasama	bnchudasama@thapar.edu
150	STRUCTURE AND PROPERTIES OF MATERIALS	PPH449	1	SELF STUDY	SPMS	Dr. Jayant T. Kolte	jayantkolte@thapar.edu
151	ENGINEERING MATERIALS	UES012	30	READING	SPMS	Dr. Jayant T. Kolte	jayantkolte@thapar.edu
152	APPLIED PHYSICS	UPH004	64	READING	SPMS	Dr. Dheeraj Kumar Singh	dheeraj.kumar@thapar.edu