

**LIST OF SUBJECTS OFFERED TO STUDENTS DURING SUMMER SEMESTER (2018)**

S.NO.	SUBJECT CODE	SUBJECT NAME	NO. OF STUDENTS	MODE	NAME OF FACULTY	DEPT./ SCHOOL
1	PBT302	BIOINFORMATICS	1	SELF STUDY	DR. VIKAS HANDA	BTD
2	PBT310	IMMUNOLOGY AND IMMUNOTHERAPY	1	SELF STUDY	DR. MANOJ BARANWAL	BTD
3	PCA111	COMPUTER ORGANIZATION AND ARCHITECTURE	1	SELF STUDY	Ms. Sukhnandan Kaur	CSED
4	PCD204	INDUSTRIAL AUTOMATION	1	SELF STUDY	Dr. Arshpreet Singh	MED
5	PCE323	INDUSTRIAL STRUCTURES	2	SELF STUDY	DR. PREM PAL BANSAL	CED
6	PCL105	STATISTICAL METHODS AND ALGORITHMS	4	REGULAR	DR. SAPNA SHARMA	SOM
7	PEC101	DISCRETE TIME SIGNAL PROCESSING	1	SELF STUDY	DR. URVINDER SINGH	ECED
8	PEE106	MODELLING AND ANALYSIS OF POWER SYSTEM	9	REGULAR	MR. JITENDER KUMAR	EIED
9	PEE205	INTELLIGENT ALGORITHMS IN POWER SYSTEMS	1	SELF STUDY	DR. MANOJ BADONI	EIED
10	PEE351	MINOR PROJECT	1	SELF STUDY	MS. MANBIR KAUR	EIED
11	PMC107	REAL ANALYSIS - I	3	SELF STUDY	DR. VIVEK	SOM
12	PMC108	ALGEBRA-I	3	SELF STUDY	DR. HEMANT KALRA	SOM
13	UBT404	INDUSTRIAL BIOTECHNOLOGY	1	REGULAR	DR. MOUSHMI GHOSH	BTD
14	UBT503	GENETIC AND METABOLIC ENGINEERING	1	REGULAR	DR. N. DAS	BTD
15	UCB008	APPLIED CHEMISTRY	50	REGULAR	DR. MILY BHATTACHARYA DR. BHUPESH GOYAL DR. DAVINDER KUMAR DR. DIBYENDU MALLICK DR. BANIBRATA MAITY	SCBC
16	UCE304	BUILDING MATERIALS AND CONSTRUCTION	1	REGULAR	Mr. Raju Sharma	CED
17	UCE306	ARCHITECTURE DRAWING & BUILDING CONSTRUCTION	6	REGULAR	Dr. Tapas Karmaker	CED
18	UCE307	BUILDING MATERIALS	4	REGULAR	Mr. Raju Sharma	CED
19	UCE401	HYDROLOGY AND GROUND WATER	3	REGULAR	Dr. Dwarikanath Ratha	CED
20	UCE402	CONCRETE STRUCTURE DESIGN-I	1	SELF STUDY	Dr. Heaven Singh	CED
21	UCE403	SURVEYING	2	REGULAR	Dr. Mansa Swami	CED
22	UCE501	SOIL MECHANICS	4	REGULAR	Mr. Rajesh Pathak	CED

23	UCE503	ADVANCED STRUCTURAL ANALYSIS	1		Dr. Naveen Kwatra	REGULAR
24	UCE505	TRANSPORTATION ENGINEERING - I	1	SELF STUDY	Mr. Tanuj Chopra	CED
25	UCE507	ADVANCED STRUCTURAL ANALYSIS	2	SELF STUDY	Dr. Naveen Kwatra	CED
26	UCE508	DESIGN OF CONCRETE STRUCTURES -I	14	REGULAR	Dr. Heaven Singh	CED
27	UCE510	CONSTRUCTION MANAGEMENT	1		Dr. Reema Goyal	CED
28	UCE601	SEWERAGE AND SEWAGE TREATMENT	3	REGULAR	DR. BHOLU RAM YADAV	SEE
29	UCE602	FOUNDATION ENGINEERING	3	REGULAR	Mr. Devender Sharma	CED
30	UCE603	HYDRAULIC ENGINEERING	10	REGULAR	Dr.Tapas Karmaker	CED
31	UCE606	WATER AND WASTE WATER ENGINEERING	3		DR. BHOLU RAM YADAV	SEE
32	UCE607	FOUNDATION ENGINEERING	1		Mr. Devender Sharma	CED
33	UCE609	DESIGN OF STEEL STRUCTURES - I	5	REGULAR	Dr. Sweta Goyal Dr. Reema Goyal	CED
34	UCH301	MATERIAL AND ENERGY BALANCES	6	REGULAR	DR. SUDHIR K. SINGH	CHED
35	UCH303	CHEMICAL ENGINEERING THERMODYNAMICS	2	REGULAR	DR. SUDHIR K. SINGH	CHED
36	UCH401	FLUID AND PARTICLE MECHANICS (To be run in parallel with UCH406)	1	REGULAR	DR. J. P. KHUSHWAHA	CHED
37	UCH402	HEAT TRANSFER	1	SELF STUDY	DR. AVINASH CHANDRA	CHED
38	UCH406	FLUID AND PARTICLE MECHANICS	2	REGULAR	DR. J. P. KHUSHWAHA	CHED
39	UCH407	UNIT OPERATIONS	1	REGULAR	DR. R. K. ARYA DR. AVINASH CHANDRA	CHED
40	UCH507	CHEMICAL PROCESS INDUSTRIES	2	SELF STUDY	DR. ALOK GARG	CHED
41	UCH606	PROCESS EQUIPMENT DESIGN-II	1	SELF STUDY	DR. ALOK GARG	CHED
42	UCS003		1		Dr Anjali Anand	CSED
43	UCS303	OPERATING SYSTEMS	23	REGULAR	Dr Anjali Anand	CSED
44	UCS304	INFORMATION MANAGEMENT SYSTEM	26	REGULAR	Dr. Vinay Gautam	CSED
45	UCS310	DATABASE MANAGEMENT SYSTEM	2	REGULAR	Dr. Manju	CSED
46	UCS404	PRINCIPLES OF PROGRAMMING LANGUAGES	1	REGULAR	Dr. Anjali	CSED
47	UCS405	DISCRETE MATHEMATICAL STRUCTURES	23	REGULAR	Dr. Manju	CSED
48	UCS406	DATA STRUCTURES AND ALGORITHMS	44	REGULAR	Ms. Rajanpreet Kaur	CSED
49	UCS503	SOFTWARE ENGINEERING	5	REGULAR	Ms. Deep Maan	CSED
50	UCS506	BIG DATA ANALYTICS AND BUSINESS INTELLIGENCE	1	REGULAR	Mr. Gurpal Singh	CSED
51	UCS507	COMPUTER ARCHITECTURE AND ORGANIZATION	26	REGULAR	Ms. Sukhnandan K	CSED
52	UCS508	GRAPHICS AND VISUAL COMPUTING	2	REGULAR	Mr. Nitin Saxena	CSED

53	UCS518	COMPUTER NETWORKS	1	REGULAR	Dr. Hemant K Gainey	CSED
54	UCS520	COMPUTER NETWORKS	20	REGULAR	Dr. Hemant K Gainey	CSED
55	UCS521	ARTIFICIAL INTELLIGENCE	4	REGULAR	Ms Deep Maan	CSED
56	UCS616	ADVANCED DATA STRUCTURES AND ALGORITHMS	6	REGULAR	Mr. Nitin Saxena	CSED
57	UCS634	SECURE CODING	5	REGULAR	Ms. Tarunpreet Bhatia	CSED
58	UCS701	THEORY OF COMPUTATION	17	REGULAR	Mr. Abhishek Jain	CSED
59	UCS732	ADVANCED DATA STRUCTURES	1	SELF STUDY	Ms. Anika	CSED
60	UEC001	ELECTRONIC ENGINEERING	84	REGULAR	DR. SUJIT PATEL	ECED
61	UEC301	ANALOG ELECTRONIC CIRCUITS	8	REGULAR	DR. M. KAVICHARAN	ECED
62	UEC303	ELECTRONICS ENGINEERING (To be run in parallel with UEC001)	3	REGULAR	DR. SUJIT PATEL	ECED
63	UEC307	ELECTROMAGNETIC FIELD THEORY AND TRANSMISSION LINES	4	REGULAR	MS. DIVYA SHARMA	ECED
64	UEC309	MICROPROCESSORS	2	REGULAR	DR. SHIREESH KUMAR RAI	ECED
65	UEC401	ANALOG COMMUNICATION SYSTEMS	3	REGULAR	DR. SUMIT VYAS	ECED
66	UEC403	CIRCUIT ANALYSIS AND SYNTHESIS	6	REGULAR	DR. GAGANPREET KAUR	ECED
67	UEC404	SIGNALS & SYSTEMS	9	REGULAR	DR. BHARAT GARG	ECED
68	UEC405	MICROPROCESSORS AND THEIR APPLICATIONS	19	REGULAR	DR. SUMIT VYAS	ECED
69	UEC509	COMPUTER ARCHITECTURE	7	REGULAR	MR. SUKHWINDER KUMAR	ECED
70	UEC512	LINEAR INTEGRATED CIRCUITS AND APPLICATIONS	1	SELF STUDY	DR. RISHIKESH PANDEY	ECED
71	UEC609	MOS CIRCUIT DESIGN	2		DR. ANIL SINGH	ECED
72	UEC612	DIGITAL SYSTEM DESIGN	9	REGULAR	CMDE ANIL SHARMA	ECED
73	UEC744	MEMS AND SENSOR TECHNOLOGY	1	SELF STUDY	DR. SUMIT VYAS	ECED
74	UEE001	ELECTRICAL ENGINEERING	45	REGULAR	MR. ASHISH PARMANE	EIED
75	UEE201	ELECTRICAL MACHINES	2	REGULAR	MS. NAVDEEP KAUR	EIED
76	UEE301	DIRECT CURRENT MACHINES AND TRANSFORMERS	3	REGULAR	MR. JITENDER KUMAR	EIED
77	UEE401	ALTERNATING CURRENT MACHINES	2	REGULAR	MR. SHAILESH KUMAR	EIED
78	UEE403	MEASUREMENT AND TRANSDUCERS	3	REGULAR	MS. RUCHIKA	EIED
79	UEE404	TRANSMISSION AND DISTRIBUTION OF POWER	1	SELF STUDY	DR. PAWAN KUMAR	EIED
80	UEE405	NETWORK THEORY AND DESIGN	11	REGULAR	DR. PAWAN KUMAR	EIED
81	UEE503	NETWORK ANALYSIS AND SYNTHESIS	1	SELF STUDY	DR. PAWAN KUMAR	EIED
82	UEE504	POWER ELECTRONICS	11	REGULAR	DR. MANOJ BADONI	EIED

83	UEE505	ANALOG AND DIGITAL SYSTEMS	7	REGULAR	DR. VENKAT KARTIK	EIED
84	UEE506	DIGITAL SIGNAL PROCESSING FUNDAMENTALS	2	SELF STUDY	MS. RUCHIKA	EIED
85	UEE507	ENGINEERING ELECTROMAGNETICS	4	REGULAR	DR. SAHAJ SAXENA	EIED
86	UEE605	POWER SYSTEM ANALYSIS AND STABILITY	10	REGULAR	DR. NAVDEEP KAUR	EIED
87	UEE801	ELECTRIC DRIVES	4	REGULAR	MR. SHAILESH KUMAR	EIED
88	UEI201	ANALOG ELECTRONIC DEVICES AND CIRCUITS	3	REGULAR	DR. VENKAT KARTIK	EIED
89	UEI302	SENSORS AND SIGNAL CONDITIONING	1	SELF STUDY	DR. VIPIN CHANDRA PAL	EIED
90	UEI403	ELECTRICAL AND ELECTRONIC MEASUREMENTS	2	SELF STUDY	DR. ASHU MALI GAUR	EIED
91	UEI502	DATA ACQUISITION SYSTEMS	1	SELF STUDY	DR. VIPIN CHANDRA PAL	EIED
92	UEI503	DIGITAL SIGNAL PROCESSING AND APPLICATIONS	3	REGULAR	MS. RUCHIKA	EIED
93	UEI505	SIGNAL CONDITIONING AND DATA ACQUISITION SYSTEM	1	REGULAR	DR. SEHAJ SAXENA	EIED
94	UEI511	PRINCIPLES OF COMMUNICATION ENGG.	1	SELF STUDY	DR. VENKAT KARTIK	EIED
95	UEI601	INDUSTRIAL INSTRUMENTATION	2	REGULAR	DR. ASHU MALI GAUR	EIED
96	UEI602	MICROCONTROLLERS AND APPLICATIONS	3	REGULAR	DR. TANMAY PAL	EIED
97	UEI603	MICROELECTRONICS AND ICs	4	REGULAR	DR. ASHU MALI GAUR	EIED
98	UEI608	BIO-MEDICAL INSTRUMENTATION	6	REGULAR	DR. VIPIN CHANDRA PAL	EIED
99	UEI609	FUNDAMENTALS OF MICROPROCESSORS AND MICROCONTROLLERS	1	SELF STUDY	DR. TANMAY PAL	EIED
100	UEN002	ENERGY AND ENVIRONMENT	12	REGULAR	DR. ANOOP VERMA DR. AMIT DHIR	SEE
101	UES001	ELECTRICAL AND ELECTRONICS SCIENCE	1	REGULAR	MR. ASHISH PARMANE	EIED
102	UES008	ENGINEERING THERMODYNAMICS	3	REGULAR	DR. PARMINDER SINGH	CHED
103	UES009	MECHANICS	27	REGULAR	Dr. Ratnesh Kumar Dr. Satish Kumar Sharma	MED
104	UES010	SOLIDS AND STRUCTURES	27	REGULAR	Dr. Reema Goyal	CED
105	UES011	THERMO-FLUIDS	57	REGULAR	DR. PARMINDER SINGH DR. R. K. ARYA DR. AVINASH CHANDRA	CHED
106	UES012	ENGINEERING MATERIALS	16	REGULAR	DR. JAYANT T. KOTLE DR. CHANDNI	SPMS
107	UES031	FLUID MECHANICS	1	SELF STUDY	Dr. Dwarikanath Ratha	CED

108	UHU003	PROFESSIONAL COMMUNICATION	19	REGULAR	DR. DELER SINGH DR. RAJNI MRS. NAVDEEP DHILLON	SHSS
109	UHU004	INTRODUCTION TO PROFESSIONAL ENGINEERING	2		DR. DELER SINGH DR. RAJNI MRS. NAVDEEP DHILLON	SHSS
110	UHU005	HUMANITIES FOR ENGINEERS	2	REGULAR	MS. SHEENA CHHABRA DR. SANGEETA YADAV	SHSS
111	UHU032	HUMAN VALUES, ETHICS AND IPR	1	REGULAR	DR. ANUPAM SHARMA	SHSS
112	UHU033	TOTAL QUALITY MANAGEMENT	1	REGULAR	MS. SHEENA CHHABRA	SHSS
113	UMA001	MATHEMATICS - I	4	REGULAR	DR. ISHA DHIMAN	SOM
114	UMA002	MATHEMATICS - II	6	REGULAR	DR. PRAMOD VAISHNAV DR. NAVDEEP KAILEY	SOM
115	UMA003	MATHEMATICS - I	49	REGULAR	DR. ISHA DHIMAN	SOM
116	UMA004	MATHEMATICS - II	77	REGULAR	DR. PRAMOD VAISHNAV DR. NAVDEEP KAILEY	SOM
117	UMA005	INTRODUCTORY MATHEMATICS-I	1	SELF STUDY	DR. VIVEK	SOM
118	UMA006	INTRODUCTORY MATHEMATICS- II	7	REGULAR	MS. NISU JAIN	SOM
119	UMA007	NUMERICAL ANALYSIS	80	REGULAR	DR. MAMTA GULATI DR. MEENU RANI	SOM
120	UMA031	OPTIMIZATION TECHNIQUES	28	REGULAR	DR. VIKAS DR. JOLLY PURI	SOM
121	UMA032	NUMERICAL AND STATISTICAL METHODS	2	REGULAR	DR. MAMTA GULATI DR. MEENU RANI	SOM
122	UMA062	GRAPH THEORY AND APPLICATIONS	1	SELF STUDY	DR. HARISH GARG	SOM
123	UME302	KINEMATICS OF MACHINES	1	REGULAR	Dr. Rohit Singla	MED
124	UME305	MACHINE DRAWING	1	REGULAR	Dr. Ravinder S Joshi	MED
125	UME306	MECHANICS OF MACHINES	10	REGULAR	Dr. Rohit K Singla	MED
126	UME402	DYNAMICS OF MACHINES	1	REGULAR	Dr. Rajendra Kumar	MED
127	UME404	MECHANICS OF DEFORMABLE BODIES	2	REGULAR	Dr. Gagandeep Bhardwaj	MED
128	UME406	COMPUTER AIDED GEOMETRIC MODELING AND ANALYSIS	1	REGULAR	Dr. Ravinder S Joshi	MED
129	UME408	MACHINE DESIGN-I	3	REGULAR	Dr. Dinesh W Rathod	MED
130	UME409	COMPUTER AIDED DESIGN & ANALYSIS	8	REGULAR	Dr. Ravinder S Joshi	MED
131	UME410	MECHATRONIC SYSTEMS	2		Dr. P Kalyan Chakravarty	MED
132	UME501	APPLIED THERMODYNAMICS	3	REGULAR	Dr. Anu Mittal Mr. JatinderPal Singh	MED

133	UME502	AUTOMOBILE ENGINEERING	2	REGULAR	Sh. Sayan Sadhu Sh. Jatinder Pal Singh	MED
134	UME503	INDUSTRIAL METALLURGY AND MATERIALS	3	REGULAR	Dr. Dinesh W Rathod	MED
135	UME505	MANUFACTURING TECHNOLOGY	1	REGULAR	Dr. Ratnesh Kumar	MED
136	UME507	INDUSTRIAL ENGINEERING	2	REGULAR	Dr. Harshwardhana	MED
137	UME508	MACHINE DESIGN	5	REGULAR	Dr. Dinesh W Rathod	MED
138	UME510	INDUSTRIAL AUTOMATION	1	SELF STUDY	Dr. Arshpreet Singh	MED
139	UME513	DYNAMICS AND VIBRATIONS	1	REGULAR	Dr. Rajendra Kumar	MED
140	UME515	INDUSTRIAL ENGINEERING	1	REGULAR	Dr. Harshwardhana	MED
141	UME702	COMPUTER AIDED MANUFACTURING	2	REGULAR	Dr. Arshpreet Singh	MED
142	UME703	FLUID MACHINERY	1	SELF STUDY	Dr. Manish Kumar	MED
143	UME708	MECHANICAL VIBRATIONS	3	REGULAR	Sh. Sayan Sadhu Sh. Ravinder Singh	MED
144	UME733	INDUSTRIAL METALLURGY	1	SELF STUDY	Dr. Gagandeep Bhardwaj	MED
145	UME836	OPERATIONS MANAGEMENT	1		Dr. Rohit Singla	MED
146	UMT802	INDUSTRIAL AUTOMATION	1		Dr. Arshpreet Singh	MED
147	UPE502	METAL CUTTING	1	REGULAR	Dr. Satish Kumar Sharma	MED
148	UPH004	APPLIED PHYSICS	72	REGULAR	DR. GUDWEEN SAWHNEY DR. MUKESH KUMAR	SPMS
149	UTA001	ENGINEERING GRAPHICS	6	REGULAR	Dr. Sachin Singh Ms. Apoorva Singh	MED
150	UTA002	MANUFACTURING PROCESSES	18	REGULAR	Dr. Deepa Mudgal	MED
151	UTA003	COMPUTER PROGRAMMING	3	REGULAR	Mr. Vaibhav Aggarwal	CSED
152	UTA007	COMPUTER PROGRAMMING - I	36	REGULAR	Mr. Vaibhav Agrawal	CSED
153	UTA008	ENGINEERING DESIGN - I	15	REGULAR	Dr. Sachin Singh Ms. Apoorva Singh	MED
154	UTA009	COMPUTER PROGRAMMING - II	59	REGULAR	Mr. Gurpal S Chabbra	CSED
155	UTA010	ENGINEERING DESIGN - II	1	REGULAR	MR. SANDEEP SHARMA DR. MOHIT AGGARWAL	MED ECED
156	UTA011	ENGINEERING DESIGN - III	11	REGULAR	DR. AMIT MUNJAL	ECED
157	UTA015	ENGINEERING DRAWING	17	REGULAR	Dr. Sachin Singh Ms. Apoorva Singh	MED
158	UTA017	COMPUTER PROGRAMMING	54	REGULAR	Ms. Anika	CSED

**PENDING / ADDITIONAL LIST OF SUBJECTS RUN IN SUMMER SEMESTER**

S.NO.	SUBJECT CODE	SUBJECT NAME	NO. OF STU.	MODE	NAME OF FACULTY
	UCH403	CHEMICAL TECHNOLOGY-II	1	REGULAR	
	UCH504	ENERGY TECHNOLOGY	1	REGULAR	
	UCH605	PROCESS UTILITY AND INDUSTRIAL SAFETY	1	REGULAR	
	UCS401	COMPUTER SYSTEM ARCHITECTURE	1	REGULAR	
	UHU031	ORGANIZATIONAL BEHAVIOUR	1	REGULAR	
	UME601	INDUSTRIAL AUTOMATION	1		
	UME602	PRODUCTION AND INVENTORY CONTROL	1		
	UME621	FACILITIES PLANNING	1		
	UPE703	METAL FORMING	1	REGULAR	