

Details of Courses for Semester-II, 2020-21 (PhD)

CSE Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
OE1 (Choose any One course from below electives)					
CS8006	Network Security & Cryptography	3-0-0-3	CSE	ND	21+100
CS8007	Social Network Analysis	3-0-0-3	CSE	AS	3+15
OE2 (Choose any One course from below electives)					
CS8008	Reinforcement Learning	3-0-0-3	CSE	MKB	12+33
CS8009	Image Processing	3-0-0-3	CSE	PK	5+69
OE3 (Choose any One course from below electives)					
CS8010	Introduction to Digital watermarking	3-0-0-3	CSE	DS	12+91
CS8011	Machine Learning	3-0-0-3	CSE	KKB	8+35+11
OE4 (Choose any One course from below electives)					
CS8012	Compiler Design	3-0-0-3	CSE	SKM	3+11
CS8013	Mobile and Wireless Networks	3-0-0-3	CSE	VKJ	19+10
OE5 (Choose any One course from below electives)					
CS8014	Deep Learning	3-0-0-3	CSE	AO	2+12
CS8015	Computer Vision with Deep Learning	3-0-0-3	CSE	PK	18+20

ECE Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
EC8007	Nano photonics and plasmonic	3-0-0-3	ECE	DKV	5+25
EC8008	Neural Networks and Fuzzy Logic	3-0-0-3	ECE	IAA	6+18
EC8009	RF and Microwave Active Circuits	3-0-0-3	ECE	MSP	6
EC8010	Low power VLSI Design	3-0-0-3	ECE	PR	10
EC8011	VLSI test and Testibility	3-0-0-3	ECE	KD	0+9
EC8012	Mixed Mode Circuit Design	3-0-0-3	ECE	NB	2
EC8013	Digital System Design	3-0-0-3	ECE	PR	14

ME Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
ME8005	Research Methodology for Mechanical Engineers	3-0-0-3	ME	KP	10
ME8006	Special topics in Mechanical Vibrations	3-0-0-3	ME	VKG	8
ME8007	Smart Materials and Structures	3-0-0-3	ME	SM	6
ME8008	Metal Forming	3-0-0-3	ME	PT	5
ME8009	Microfluidics Applications	3-0-0-3	ME	TS	3
ME8010	MEMS: Microfabrication and Application	3-0-0-3	ME	HSN	24
ME8011	Mechanic of composite materials and Applications	3-0-0-3	ME	SDP	18

NS (MATHEMATICS) Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
NS205e	Numerical Methods	3-0-0-3	NS	MKP	0
NS205f	OPTIMIZATION	3-0-0-3	NS	DM	0

NS (Physics) Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
NP8004	Advanced Quantum Mechanics	3-0-0-3	NS	NRJ	4
NP8005	Emerging Electronic Materials	3-0-0-3	NS	NKJ	6

DESIGN Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
OE5 (Choose course from below electives)					
DS8004	The Trends in Digital Media Arts	3-0-0-3	DS	TS	1
EN8003	Second Language Pedagogy	3-0-0-3	DS	JAMF	0
EN8004	English for Specific Purposes	3-0-0-3	DS	JAMF	0
EN8005	Review of English Literature across the continents	2-0-0-2	DS	MA	4
EN8006	Literature and Film Studies	3-0-0-3	DS	MA	4