

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)					
TBT	Network Security & Cryptography	3-0-0-3	CSE	ND	1
TBT	Social Network Analysis	3-0-0-3	CSE	AS	19
OE2 (Choose any One course from below electives)					
TBD	Reinforcement Learning	3-0-0-3	CSE	MKB	9
CS313a	Image Processing	3-0-0-3	CSE	PK	4
OE3 (Choose any One course from below electives)					
TBD	Introduction to Digital watermarking	3-0-0-3	CSE	DS	4
CS314b	Machine Learning	3-0-0-3	CSE	KKB	16
OE4 (Choose any One course from below electives)					
TBD	Compiler Design	3-0-0-3	CSE	SKM	2
CS609	Mobile and Wireless Networks	3-0-0-3	CSE	VKJ	17
OE5 (Choose any One course from below electives)					
CS617	Deep Learning	3-0-0-3	CSE	AO	0
CS428	Computer Vision with Deep Learning	3-0-0-3	CSE	PK	16

ECE Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
OE1	Nano photonics and plasmonic	3-0-0-3	ECE	DKV	2
OE2	Neural Networks and Fuzzy Logic	3-0-0-3	ECE	IAA	5
OE3	RF and Microwave Active Circuits	3-0-0-3	ECE	MSP	2
OE4	Low power VLSI Design	3-0-0-3	ECE	PR	
OE5	VLSI test and Testibility	3-0-0-3	ECE	KD	
OE6	Mixed Mode Circuit Design	3-0-0-3	ECE	NB	
OE7	Digital System Design	3-0-0-3	ECE	PR	3

ME Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
ME1	Research Methodology for Mechanical Engineers (Compulsory)	3-0-0-3	ME	KP	3
ME9	Additive Manufacturing in Medical Applications	3-0-0-3	ME	PKJ	2
ME11	Special topics in Mechanical Vibrations	3-0-0-3	ME	VKG	5
ME18	Smart Materials and Structures	3-0-0-3	ME	SM	3
	MEMS: Microfabrication and Application	3-0-0-3	ME	HSN	21
ME31	Metal Forming	3-0-0-3	ME	PT	7
ME35	Microfluidics Applications	3-0-0-3	ME	TS	1
	Mechanic of composite materials and Applications	3-0-0-3	ME	SDP	8

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	3
NS205f	OPTIMIZATION	3-0-0-3	NS	DM	5

NS (Physics) Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
PHY606	Advanced Quantum Mechanics	3-0-0-3	NS	NRJ	0
PHY603	Emerging Electronic Materials	3-0-0-3	NS	NKJ	0

DESIGN Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
DS580	Design Research Methodology(Compulsory)	3-0-0-3	DS	PM	
OE1					
DS805	The Scope in Traditional Media Arts	3-0-0-3	DS	TS	
DS806	The Trends in Digital Media Arts	3-0-0-3	DS	TS	1

ENGLISH Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
ELit602	Review of English Literature across the continents	2-0-0-2	DS	MA	4
ELit606	Literature and Film Studies	3-0-0-3	DS	MA	4

