

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
	Compulsory course				
CS8019	Research methodology	3-0-0-3	CSE	AG/Swayam	
OE (Choose any 3 course from below electives)					
CS8020	Next Generation Networks	3-0-0-3	CSE	AV	
CS8013	Mobile and Wireless Network	3-0-0-3	CSE	VKJ	
	OR				
CS8021	Information Retrival and Semantic Web	3-0-0-3	CSE	ACP	
CS8015	Computer Vision with Deep Learning	2-0-2-3	CSE	PK	
	OR				
CS8018	Hardware Security	3-0-0-3	CSE	VSR	
CS8022	Advanced Embedded System	3-0-0-3	CSE	MS	
CS8004	Deep Learning and Applications.	3-0-0-3	CSE	AO	

ECE Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
EC8019	Research Methodology	3-0-0-3	ECE	SKJ	5
EC8021	Fundamentals of 5G and beyond 5G Mobile Network	3-0-0-3	ECE	RKJ	3+1
EC8022	Microwave and Optical Remote Sensing	3-0-0-3	ECE	RP	1
EC8023	Modern Radar System	3-0-0-3	ECE	TK	27+1
EC8025	Wavelet and Filter Bank	3-0-0-3	ECE	AK	5

ME Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
ME8001	Research Methodology	3-0-0-3	ME	KP	23
ME8016	Biomaterials Science and Engineering	3-0-0-3	ME	HSN	0+5+57
ME8017	Electric Vehicle and Mobility	3-0-0-3	ME	TS	0+7+2
ME8018	Fracture and Fatigue	3-0-0-3	ME	MZA	0+13
ME8019	Robotics and Intelligent Systems	3-0-0-3	ME	VKG	4
ME8011	Mechanic of composite materials and Applications	3-0-0-3	ME	SDP	0+3

NS (MATHEMATICS) Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
NM8006	Programming and Computational methods in PDE	3-0-0-3	NS	SSL	0

NS (Physics) Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
NP8001	Quantum mechanics	3-0-0-3	NS	ACM	1
NP8009	Condensed matter Physics	3-0-0-3	NS	AKK	0

DESIGN Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
DS8001	Design Research Methodology (Compulsory)	2-0-2-3	DS	PM	2

OE (Choose course from below electives)

DS8003	Ergonomics in the Management of musculo-skeletal disorder (MSDs)	2-0-2-3	DS	SP	2
DS8004	Human Factor and Ergonomics methodology	2-0-2-3	DS	SP	1
DS8005	The Trends in Digital Media Arts	2-0-2-3	DS	TS	1
DS8009	The Scope in Traditional Media Arts	2-0-2-3	DS	TS	2

ENG Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
EN8014	Comparative Literature	4	LA	JAMF	1
EN8015	A Focal Study: Any Representative Literary Genre/School of Thought	4	LA	JAMF	1
EN8006	LITERATURE AND FILM STUDIES	4	LA	MA	1

PG+UG
UG+PG