

Details of Courses for Semester-I, 2022-23 (PhD)**PhD course****CSE Discipline**

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
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ECE Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
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EC8019	Research Methodolgy	3-0-0-3	ECE	VB	
EC8002	Advanced Engineering Electromagnetics	3-0-0-3	ECE	DKV	
EC8004	Pattern Recognition and Machine Learning	3-0-0-3	ECE	AV	
EC8005	Advanced Semiconductor Devices	3-0-0-3	ECE	NB	
EC8016	Electromagnetics Interference and Compatibility	3-0-0-3	ECE	RP	
EC8017	Internet of Things	3-0-0-3	ECE	RKJ	
EC8029	Advanced Digital Filter Design	3-0-0-3	ECE	AK	
EC8030	CMOS Memory Design	3-0-0-3	ECE	PR	
EC8031	Digital Image Processing	3-0-0-3	ECE	IAA	
EC8032	Numerical Techniques in Electromagnetics	3-0-0-3	ECE	BM	
EC8033	Radio Frequency Integrated Circuits Design	3-0-0-3	ECE	MPS	

ME Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
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ME8001	Research Methodology for Mechanical Engineers	3-0-0-3	ME	AM	
ME8002	Design of Experiments	3-0-0-3	ME	CD	
ME8012	Computer Aided Geometric Design	3-0-0-3	ME	PKJ	
ME8021	Advanced Mechanics of Solids	3-0-0-3	ME	SDP	41
ME8003	Sensors and Actuators	3-0-0-3	ME	MS	

NS (MATHEMATICS) Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
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NM8007	Stochastic Processes	3-0-0-3	NS	BG
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NS (Physics) Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
NP8002	Emerging Electronic Materials	3-0-0-3	NS	Dr. N Jaiswal	
NP8005	Molecular Simulations	3-0-0-3	NS	Dr. N Jena	

DESIGN Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
DS8001	Design Research Methodology	3-0-0-3	DS	VF	
Elective to be chosen for course work in PhD					
DS8005	The Trends in Digital Media Arts	3-0-0-3	DS	TS	
DS8009	The Scope in Traditional Media Arts	3-0-0-3	DS	TS	
DS8003	Ergonomics in the Management of musculo-skeletal disorder(MSDs)	3-0-0-3	DS	SP	
DS8004	Human Factor and Ergonomics methodology	3-0-0-3	DS	SP	

LA (ENGLISH) Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
EN8001	English Language/ Literature Teaching and Research Methodology	2	English/LA	MA	
EN8007	Research Methodology	4	English/LA	JAMF	
ENG608	Principles and Practice in English Language Teaching	4	English/LA	JAMF	
Elective to be chosen for course work in PhD					
EN8011	Indian Writing in English	4	English/LA	MA	
EN8002	Cultural Studies and Literary Criticism	4	English/LA	MA	
EN8009	Gender Studies	4	English/LA	JAMF	
EN8010	Diaspora Studies	4	English/LA	JAMF	