

**Details of Courses for Semester-I, 2023-24 (PhD)**

**PhD course**

**CSE Discipline**

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
<b>Choose any four</b>					
<b>OE07 (Choose any one course from below elective)</b>					
CS8016	Cloud Computing	3-0-0-3	CSE	MS	
OE3C28	Cyber Security	2-0-2-3	CSE	ND	
<b>OE08 (Choose any one course from below elective)</b>					
CS8018	Web Mining	3-0-0-3	CSE	ACP	
<b>OE09 (Choose any one course from below elective)</b>					
CS8017	Fuzzy Sets, Logic and Applications	3-0-0-3	CSE	AS	
<b>OE10 (Choose any one course from below elective)</b>					
CS8007	Social Network Analysis	2-0-2-3	CSE	ACP	
<b>OE11 (Choose any one course from below elective)</b>					
CS8004	Deep Learning and Applications	2-0-2-3	CSE	AO	

**ECE Discipline**

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

**ME Discipline**

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
ME8001	Research Methodology for Mechanical Engineers	3-0-0-3	ME	HSN	
ME8002	Design of Experiments	3-0-0-3	ME	AM	

ME8012	Computer Aided Geometric Design	3-0-0-3	ME	PKJ
ME8021	Advanced Mechanics of Solids	3-0-0-3	ME	VKG
OE4M74	AI and ML in Mechanical Engineering	2-0-2-3	ME	VKG/JKT

### NS (MATHEMATICS) Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
NM8007	Theory of Numerical Analysis	3-0-0-4	NS	MKP	
NM8008	Mathematical Statistics	3-0-0-4	NS	BG	
NM8009	Material Sciences	3-0-0-4	NS	AKK	
NM8010	Quantum Mechanics	3-0-0-4	NS	ACM	

### NS (Physics) Discipline

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

### DESIGN Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
DS 580	Design Research Methodology(Compulsory)	3	DS	YTD	
<b>Elective to be chosen for course work in PhD (CHOOSE ANY TWO)</b>					
DS801	Lighting Design in Space	3	DS	YTD	
DS802	Lighting & Biological Factors	3	DS	YTD	
DS803	Display and Control Ergonomics	3	DS	YTD	
DS804	Biomechanics in Ergonomics	3	DS	YTD	
DS805	The Scope in Traditional Media Arts	3	DS	YTD	
DS806	The Trends in Digital Media Arts	3	DS	YTD	
DS807	Ergonomics in the Management of musculo-skeletal disorder(MSDs)	3	DS	YTD	
DS808	Human Factor and Ergonomics methodology	3	DS	YTD	
DS809	Embracing Innovation	3	DS	YTD	

### LA (ENGLISH) Discipline

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
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EN8007	Research Methodology	3-0-0-3	English/LA	JAMF
ENG608	Applied Linguistics (Elective)	3-0-0-3	English/LA	JAMF
ENG612	Gender Studies (Elective)	3-0-0-3	English/LA	JAMF
EN8010	Diaspora Studies (Elective)	3-0-0-3	English/LA	JAMF
Elit601	English language / Literature- Teaching and Research Methodology	2-0-0-2	English/LA	MA
EN8011	Indian Writing In English	3-0-0-3	English/LA	MA
EN8002	Cultural Studies and Literary criticism	3-0-0-3	English/LA	MA
EN8006	Literature and Film Studies	3-0-0-3	English/LA	MA