	Details of Courses for Semester-I, 20	23-24 (MTe	ech/MDes Courses)					
	ECE							
Semister-I								
Communication and Signal Processing								
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instuctor	No. of Students			
EC5C01	Advanced Digital Communication	3-0-2-4	ECE					
EC5C02	Time-Frequency Analysis	3-0-0-3	ECE					
EC8014	Advanced Signal Processing	3-0-0-3	ECE					
054/11 . 11								
OE1 (list all elec	tives for Sem I)	3-0-0-3	ECE					
		3-0-0-3	ECE					
		3-0-0-3	ECL					
	Power and 0	Control						
EC5P01	Special topics in Control system	2-0-0-2	ECE					
EC5P02	Special topics in Power Engineering	2-0-0-2	ECE					
EC5P03	Power Electronics and Drives	3-0-0-3	ECE					
MT504a	Microcontroller	1-0-2-2	MT					
MT504b	PLC	1-0-2-2	MT					
		1						
OE1 (list all elec	tives for Sem I)	2002	ECE					
		3-0-0-3 3-0-0-3	ECE					
		3-0-0-3	ECE					
	Nanoelectronics an	d VLSI Desi	ign					
EC5N01	Physics of Semiconductor Devices	3-0-0-3	ECE					
EC5N02	Digital VLSI Design	3-0-0-3	ECE					
EC5N03	Device Fabrication Technology	3-0-2-4	ECE					
OE1 (list all elec	tives for Sem I)							
		3-0-0-3	ECE					
		3-0-0-3	ECE					
	CSE							
	Semeste	er-l						
Course Code	Course Name	Credits:	Offered By Discipline	Instuctor	No. of Students			
	any one course from below elective)	or cures.		11131120101	1 (or or students			
CS8016	Cloud Computing	3-0-0-3	CSE	MS				
OE3C28	Cyber Security	2-0-2-3	CSE	ND				
OE08 (Choose a	any one course from below elective)							
CS8018	Web Mining	3-0-0-3	CSE	ACP				
	any one course from below elective)							
CS8025	Fuzzy Sets, Logic and Applications	3-0-0-3	CSE	AS				
OE10/Charas	any ana saursa from halaw alastiva)							
	any one course from below elective)	2022	CCE	ACD				
CS8007	Social Network Analysis	2-0-2-3	CSE	ACP				
OE11 (Choose :	any one course from below elective)							
CS8004	Deep Learning and Applications	2-0-2-3	CSE	AO				
				-				
ME								
	Semeste	er-I						
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instuctor	No. of Students			
	CAD/CA	1						
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM				
ME8012	Computer Aided Geometric Design	3-0-0-3	ME	РКЈ				

3-0-0-3

ME

OE1 (list all electives for Sem I)

Advanced Manufacturing Processes and Technologies

ME5020

RS

ME8002	Design of Experiments	3-0-0-3	ME	AM				
IVIEOUUZ	Design of Experiments	3-0-0-3	IVIE	Aivi				
OE2 (list all electives for Sem I)								
OE4M74	Al and ML in Mechanical Engineering	2-0-2-3	ME	VKG+JKT				
ME8003	Sensors and Actuators	3-0-0-3	ME	MS				
IVILOUUS	Scrisors and Actuators	3-0-0-3	IVIL	1915				
ME5C2L	PG IT Workshop I	0-0-2-2	ME	AKS/DSR				
WILDCZL	CTT WORKSHOPT	0-0-2-2	IVIL	AKS/ DSK				
Design								
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instuctor	No. of Students			
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM	110. 01 Students			
ME8021	Advanced Mechanics of Solid	3-0-0-3	ME	VKG				
ME5D02	Mechanical Vibrations and Condition Monitoring	3-0-2-4	ME	SDP				
14123202		3021	14112	55.				
OF1 (Choose an	y one course from below electives)							
ME8003	Sensors and Actuators	3-0-0-3	ME	MS				
ME8002	Design of Experiments	3-0-0-3	ME	AM				
OE4M74	Al and ML in Mechanical Engineering	2-0-2-3	ME	VKG/JKT	l			
ME5D3L	DG IT Workshop II	0022	ME	AKS/DSR				
MESDSL	PG IT Workshop II	0-0-2-2	ME	AKS/DSK				
	Manufacturing and	1 Automati	on					
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instuctor	No. of Students			
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM	140. 01 Students			
ME5M01	Manufacturing Science	3-0-0-3	ME	YTD				
IVILSIVIOI	I Manufacturing Science	3-0-0-3	IVIL	TID				
OF1 (Choose an	y ONE course from below electives)	1						
ME8003	Sensors and Actuators	3-0-0-3	ME	MS				
ME5020	Advanced Manufacturing Processes and Technologies	3-0-0-3	ME	RS				
IVILOUZU	Advanced Mandiacturing Processes and Technologies	3-0-0-3	IVIL	KS				
OF3 (Chanca an	CONT accuracy from halous placehouse)	1	T					
OEZ (Choose an	y ONE course from below electives)	2022	NAT.	VIV.C /IV.T				
1450046	Al and ML in Mechanical Engineering	2-0-2-3	ME	VKG/JKT				
ME8016	Biomaterials Science and Engineering	3-0-0-3	ME	HSN				
	Inc) (F					
ME5M2L	PG IT Workshop III	0-0-2-2	ME	AKS/DSR				
	** 1 **	•						
	Mechatro							
G G 1	Semeste		Off ID D: : I	T	N. CC. I.			
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instuctor	No. of Students			
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM				
NATE 004	CONCERTS IN A FOLIANICAL ENGINEERING	2002) (T	7.50				
MT5001	CONCEPTS IN MECHANICAL ENGINEERING	3-0-0-3	MT	YTD				
OR	Consents in Floringia Bosi	2002	FOE	- VTD				
MT5002	Concepts in Electronic Device	3-0-0-3	ECE	YTD				
N450000	Consequence of Astronomy	2022	ME	1.40				
ME8003	Sensors and Actuators	2-0-2-3	ME	MS				
MT504a	Microcontroller	1-0-2-2	MT	VKG				
MT504b	PLC	1-0-2-2	MT	TS				
PC5001	Professional Development Course	1-0-0-1	Placement	To be given by Placement				
<u> </u>	·			,				
Master of Design								
	<u>Semeste</u>	_						
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instuctor	No. of Students			
DS5001	Elements and Principle of Design	2-0-2-3	DS	AB				
	OR	000	20					
DS5002	Art & Aesthetics in Design	2-0-2-3	DS	VF				
11		1	I					

2-0-2-3 2-0-2-3 2-0-2-3

2-0-2-3

DS

DS DS

DS

SP

PT TSG

VF

DS5003

DS5004

DS5005

DS5006

Ergonomics for Industrial Design

Product Design-I

Visual Design I Design Workshop-I

	S	emester III			
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instuctor	No. of Students
DS5007	Design Project (Technically Complex project of System)	0-0-16-8	DS	GUIDE	15
	Choose any two Elective from below course				
DS5009	Product Detailing	2-0-2-3	DS	VF	
DS5010	Video and Animation Design	2-0-2-3	DS	VF	
DS5011	Advance Applied Ergonomics	2-0-2-3	DS	PM	
	OR				
DS5012	Advance Visual Ergonomics	2-0-2-3	DS	PM	
DS5014	Design Styling and Trend Forecast	2-0-2-3	DS	VF	
EMF's (Any two	of the following six EMF's)				
EM592h	Medical Equipment Design	1	DS	VF	
EM592k	Product Design in Electronic	1	DS N	VF	
EM5D02	Typography	1	DS N	VF	
EM5D03	Photography	1	DS N	VF	
EM5D04	Information Design	1	DS N	VF	
EM5D05	Packaging and Branding	1	DS N	VF	
DS5096	Summer Internship (compulsory)	2	DS	GUIDE	

1-0-0-1

Placement

To be given by Placement

PC5001

Professional Development Course