		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	Atulk			
EC5C02	Time-Frequency Analysis	3-0-0-3	ECE	VB			
EC8014	Advanced Signal Processing	3-0-0-3	ECE	Ak			
DE1 (Choose a	ny one course from below electives)						
EC8017	Internet of Things	3-0-0-3	ECE	RKJ			
EC8016	Electromagnetics Interference and Compatibility	3-0-0-3	ECE	RP			
	ı	Power and Control					
EC5P01	Special topics in Control system	2-0-0-2	ECE	PKP			
EC5P02	Special topics in Power Engineering	2-0-0-2	ECE	SKJ			
EC5P03	Power Electronics and Drives	3-0-0-3	ECE	SKJ			
MT504a	Microcontroller	1-0-2-2	MT	TS			
MT504b	PLC	1-0-2-2	MT	VKG			
OE1 (Choose a	ny one course from below electives)						
EC8029	Advanced Digital Filter Design	3-0-0-3	ECE	AK			
EC8017	Internet of Things	3-0-0-3	ECE	RKJ			
	Nanoelo	ectronics and VLSI Des	ign				
EC5N01	Physics of Semiconductor Devices	3-0-0-3	ECE	PNK	3		
EC5N02	Digital VLSI Design	3-0-0-3	ECE	PS	3		
EC5N03	Device Fabrication Technology	3-0-2-4	ECE	DPS	3		
DE1 (Choose a	ny one course from below electives)						
EC8030	CMOS Memory Design	3-0-0-3	ECE	PR	2		
EC8005	Advanced Semiconductor Devices	3-0-0-3	ECE	NB	1		
		CSE Semester-I					
Course Code	Course Name	Credits:	Offered By Discipline	Instuctor	No. of Student		

		ME				
Semester-I						
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instuctor	No. of Students	
		CAD/CAM				
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM	5	
ME8012	Computer Aided Geometric Design	3-0-0-3	ME	PKJ	40	
OE1 (Choose ar	y ONE course from below electives)					
ME5020	Advanced Manufacturing Processes and Technologies	3-0-0-3	ME	RS		
ME8002	Design of Experiments	3-0-0-3	ME	CD	1	
OE2 (Choose ar	y ONE course from below electives)					
ME8021	Advanced Mechanics of Solids	3-0-0-3	ME	SDP	41	
ME8003	Sensors and Actuators	3-0-0-3	ME	MS	62	
ME5C2L	PG IT Workshop I	0-0-2-2	ME	AKS	1	

Course Code	Course Name	Design L-T-P-C	Offered By Discipline	Instuctor	No. of Students
Course Coue	Course Ivanic	L-1-1-C	Officied by Discipline	instuctor	140. 01 Students
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM	5
ME8021	Advanced Mechanics of Solid	3-0-0-3	ME	SDP	2
ME5D02	Mechanical Vibrations and Condition Monitoring	3-0-2-4	ME	VKG	2
DE1 (Choose an	y one course from below electives)				
ME8003	Sensors and Actuators	3-0-0-3	ME	MS	61
ME8002	Design of Experiments	3-0-0-3	ME	CD	62
ME5D3L	PG IT Workshop II	0-0-2-2	ME	AKS	2
	Manu	facturing and Automation	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	
ME5M01	Manufacturing Science	3-0-0-3	ME	HS	
WIESIVIOI	Wallard Country Science	3-0-0-3	WIL	113	
	ny ONE course from below electives)	2002	) (T		
ME5027	Computational Material Science	3-0-0-3	ME	KP	
ME8002	Design of Experiments	3-0-0-3	ME	CD	
OE2 (Choose an	y ONE course from below electives)				
ME5024	Micro and Nano Manufacturing	3-0-0-3	ME	HS	
ME8003	Sensors and Actuators	3-0-0-3	ME	MS	
ME5M2L	PG IT Workshop III	0-0-2-2	ME	AKS	
		Mechatronics Semester-I			
Course Code	Course Name	L-T-P-C	Offered By Discipline	<u>Instuctor</u>	No. of Students
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM	5
MT5001	CONCEPTS IN MECHANICAL ENGINEERING	3-0-0-3	MT	SM	1
OR MT5002	Concepts in Electronic Device	3-0-0-3	ECE		1
ME8003	Sensors and Actuators	2-0-2-3	ME	MS	2
MT504a	Microcontroller	1-0-2-2	MT	TS	2
MT504b	PLC	1-0-2-2	MT	VKG	2

Course Code  DS5001 Elem or	Course Name nents and Principles of design	L-T-P-C	Offered By Discipline	Instuctor	No. of Students
DS5001 Elem					No. of Students
	nents and Principles of design	2-0-2-3	DC		
			DS	AB	10
DS5002 Art 8	& Aesthetics in Design	2-0-2-3	DS	VF	0
DS5003 Ergoi	onomics for Industrial Design	2-0-2-3	DS	SP	10
DS5004 Prod	duct Design-I	2-0-2-3	DS	VF	10
DS5005 Visua	al Design I	2-0-2-3	DS	TSG	10
DS5006 Desig	gn Workshop-I	2-0-2-3	DS	VF	10
PC1001 Profe	essional Development Course	1-0-0-1	Placement		33

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	20
	Choose any two Elective from below course				
DS5009	Product Detailing	2-0-2-3	DS	VF	1
DS5010	Video and Animation Design	2-0-2-3	DS	VF	12
DS5011	Advance Applied Ergonomics	2-0-2-3	DS	PM	0
OR					
DS5012	Advance Visual Ergonomics	2-0-2-3	DS	PM	17
DS5013	Sustainable Design	2-0-2-3	DS	VF	2
DS5014	Design Styling and Trend Forecast	2-0-2-3	DS	VF	8
MF's (Any two	o of the following six EMF's)				
EM5D01	Medical Equipment Design	1	DS	VF	0
EM5D06	Product Design in Electronics	1	DS	VF	0
EM5D02	Typography	1	DS	VF	9
EM5D03	Photography	1	DS	VF	4
EM5D04	Information Design	1	DS	VF	12
EM5D05	Packaging and Branding	1	DS	VF	15
DS5096	Summer Internship (compulsory)	2	DS	GUIDE	20