

**PDPM-IIITDMJ**  
**Time Table Session 2022-23 Sem I**

**Monday**

[illegible]

	CS2004 KKB - A- L104	CS2002 MKB - A- L104	IT2001 SKM - A- L104	CS2003 PK - A- L104					
						IT2C01 L ND - B- CSE Lab	IT2C01 L ND - B- CSE Lab	IT2C01 L ND - B- CSE Lab	NS2001- VF- B- L206
CSE									
ECE		IT2002 GF-L201	EC2002 SKJ-L201	EC203a AtK-L201		EC203b MSP-L201			
ME	IT2002 GF-L106	ME2003 SDP-CR201	ME2002 PT-L206	ME2004 TS-L206			ME2002L-AKS		
SM	IT2002 GF-L106	SM2003 AM_CR202	ME2002 PT-L206	SM2004 TC-L107		ITS01L-DSR-CC-GF			
Design		IT2002 GF-L201							
NS									

Vth Sem

	CS3009 VSR - A- L105	CS3010 AG - A- L105	CS3010 AG - A- L105	OE2C11 AS- L106 OE3E25 - KD - CR101 OE3E40 - SNS - CR102 OE4E50 - MDB - CR103 OE3M26 - PKJ - CR104 OE3M27 - CD - CR202 OE3N32 - AKK - CR109 OE3N33 - ACM - CR107			CS3011 DS - A- L105	HS3004 - A- VF - L105	
							HS3004 - B- VF - L107	CS3009 VSR - B- L107	
CSE									
ECE						EC3010 DKV-L106	EC3011 MDB-L106	EC3009 PR-L106	
ME		ME3011 TS-CR107							
SM		SM3011 TC-CR104	SM3012 SA-CR103			SM3009L-KP			
Design									
NS									

VIIth Sem

CSE	OE4L02-VF-CR 201	OE 10 - CS8007 - ACP -L107 OE4M52 MS-CR108 ME8016 HSN-CR109 EC8030 PR CR102 OE4E25 TK CR101 EC8034 AK CR103	OE7 CS8016- MSg- L107 OE3C28- ND- CR 108 OE4L73- JAMF-CR104 ME8021 VKG-CR201 OE4M41 KP CR202 EC8033 MSP CR102 OE4E69 DKV CR101	OE11 CS8004- AO L102 OE4M74 VKG L105 OE4M22 CD-L207 EC8017 RKJ CR208 EC8032 BM-CR201		OE08 ME5D02 SDP-CR201 ME5020 AM-CR202 MT504 VKG+TS CR107 EC8002 BM-CR102 CS8013 RKJ L107 EC8029 AK-CR101 OE4E71 Aik CR104	OE09 ME8003 MS-CR201 EC8004 AV-CR102 EC8005 PS CR103 OE4N77-DM-CR104	OE4M73 TS-CR202	ES1003-GF-L 105
ECE	ES1003-GF-L107								ES1003-GF-L 201
ME									
Design									

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Please refer to the following guide to interpret the timetable.

1. The timetable has been prepared day wise and separately defined for each semester and each discipline.
2. To track your timetable: (A) Goto to particular day → (B) Now scroll down to your semester → (C) Then refer to your discipline from the left most column → (D) you may find the scheduled course for particular timeslot in the cell.

PDDM-II (A) Particular Day Time Table Session 2022-23 Sem I								
Monday (B) Semester								
Time/Day	9:00-10:00	10:00-11:00	11:00-12:00	12:00-13:00	Break	13:00-14:00	16:00-17:00	17:00-18:00
(C) Discipline	I Sem (D) Schedule							
EST002 PKP-A-L104	NS1001 SL-A-L104					EST002L - PKP - A1	NS1002L - MKR-A	
CSE	NS1001 LKB-B-L105	IT1001 VKJ-C4-C5, C6-L105				IT1001L VKJ/Adhyas-C5, C6-CC FF	IT1001L VKJ/Adhyas-C5, C6-CC FF	IT1001L VKJ/Adhyas-C5, C6-CC FF
DS1005 JKT-C-L202	NS1001	HS1001	IT1002				DS1005L DSB-C3-L202	

3. The timetable format is: “**CourseCode FacultyName Section Venue**”, e.g. “NS1001- LKB-B-L105” on Monday from 10-11AM is a course NS1001 for section-B of the first semester CSE students. The instructor for this course is Dr LK Balyan and the venue is L105.
4. The course list provides the name of the course for each course code.
5. The list of the faculty name with the used abbreviation is also provided in this guide.
6. The tentative details of the section are as follows, which will be confirmed by the academic section soon.

#### 2023 Batch:

Batch	Discipline	From	To	Remarks
A	CSE	23BCS001	23BCS140	
B	CSE	23BCS141	Remaining	
C	ECE	All ECE students		
D	ME & SM	All ME and SM students		
E	Design	All Design students		

Note: Groups as defined for the other batches in the previous semester will continue, and these are very similar to batch divisions above for 2023 batch.

#### Subsections/Subgroups for different labs of 2023 Batch:

Subsection	Discipline	From	To	Remarks
A1	CSE	23BCS001	23BCS070	
A2	CSE	23BCS071	23BCS140	
B1	CSE	23BCS141	23BCS210	
B2	CSE	23BCS211	Remaining	
A11	CSE	23BCS001	23BCS048	
A12	CSE	23BCS049	23BCS096	
A13	CSE	23BCS097	23BCS140	
B11	CSE	23BCS141	23BCS190	
B12	CSE	23BCS191	23BCS239	
B13	CSE	23BCS240	Remaining	
C1	ECE	23BEC001	23BEC070	
C2	ECE	23BEC071	Remaining	
D1	ME	23BME001	Remaining	
D2	SM	23BSM001	Remaining	
E1	Design	23BDS001	23BDS030	
E2	Design	23BSC031	Remaining	



List of faculty/staff members with Abbrbiation

S. No.	Name	Discipline	Abbr.		S. No.	Name	Discipline	Abbr.
1	Prof. Aparajita Ojha	CSE	AO		46	Dr. Munesh Singh	CSE	MSg
2	Prof. Puneet Tandon	ME	PT		47	Dr. Sangeeta Pandit	Design	SP
3	Prof. Tanuja Sheorey	ME	TS		48	Dr. J Al Muzzamil Fareen	LA	JAMF
4	Prof. Vijay Kumar Gupta	ME	VKG		49	Dr. Tushar Choudhary	ME	TC
5	Prof. P.N. Kondekar	ECE	PNK		50	Dr. Kusum Kumari Bharti	CSE	KKB
6	Dr. Pritee Khanna	CSE	PK		51	Dr. DIP Prakash Samajdar	ECE	DPS
7	Dr. Atul Gupta	CSE	AG		52	Dr. Atul Kumar	ECE	AtK
8	Dr. Prabin Kumar Padhy	ECE	PKP		53	Dr. Shiv Dayal Patel	ME	SDP
9	Dr. Prashant Kumar Jain	ME	PKJ		54	Dr. Durgesh Singh	CSE	DS
10	Dr. Dinesh Kr. Vishwakarma	ECE	DKV		55	Dr. Tripti Singh	Design	TSg
11	Dr. Sanjeev Narayan Sharma	ECE	SNS		56	Dr. Amrita Bhattacharjee	Design	AB
12	Dr. Sunil Agarwal	ME	SA		57	Dr. Pushpa Raikwal	ECE	PR
13	Dr. Prabir Mukhopadhyay	Design	PM		58	Dr. Manu Srivastava	ME	MS
14	Dr. Asish Kumar Kundu	Natural Sci	AKK		59	Dr. Amit Vishwakarma	ECE	AV
15	Dr. Anil Kumar	ECE	AK		60	Dr. Pankaj Sharma	ECE	PS
16	Dr. Varun Bajaj	ECE	VB		61	Dr. R. Seetharam	ME	RS
17	Dr. Mohd Zahid Ansari	ME	MZA		62	Dr. Neelam Dayal	CSE	ND
18	Dr. Rakesh Kumar Jha	ECE	RKJ		63	Dr. Koushik Dutta	ECE	KD
19	Dr. Subir Singh Lamba	Natural Sci	SSL		64	Dr. Avinash Chandra Pandey	CSE	ACP
20	Dr. Mukesh Kumar Roy	Natural Sci	MKR		65	Dr. Vijaypal Singh Rathor	CSE	VSR
21	Dr. Bhupendra Gupta	Natural Sci	BG		66	Mr. Awadhesh kumar Singh		AKS
22	Dr. M Amamath	ME	AM		67	Mr. Alok Kulkarni		AIK
23	Dr. H Chelladurai	ME	CD		68	Mr. Akhilesh Srivastava		ASh
24	Dr. Lokendra Kumar Balyan	Natural Sci	LKB		69	Mr. Varun Dubey		VD
25	Dr. Sraban Kumar Mohanty	CSE	SKM		70	Mr. Mayur Sudhakar Mungole		MSM
26	Dr. Mamta Anand	LA	MA		71	Mrs. Aayesha Begam Mansoori		ABM
27	Dr. Nihar Ranjan Jena	Natural Sci	NRJ		72	Mrs. Bharti Kewat		BK
28	Dr. Sujoy Mukherjee	ME	SM		73	Mr. Anupam Shukla		AnS
29	Dr. Amresh Chandra Mishra	Natural Sci	ACM		74	Mr. Dada Saheb Ramteke		DSR
30	Dr. Manoj Singh Parihar	ECE	MSP		75	Mr. Piyush Kumar Usrathe		PKU
31	Dr. Sachin Kumar Jain	ECE	SKJ		76	Mr. Anup Bajpai		AnB
32	Dr. Vinod Kumar Jain	CSE	VKJ		77	Mr. Ghanshyam Meshram		GM
33	Dr. Matadeen Bansal	ECE	MDB		78	Mr. Robinson George Markam		RGM
34	Dr. Nihar Kumar Mahato	Natural Sci	NKM		79	Mr. Anup Kumar Gupta		AKG
35	Dr. Neeraj Kumar Jaiswal	Natural Sci	NKJ		80	Mr. Tabish Khan		TbK
36	Dr. Yashpal Singh Katharria	Natural Sci	YSK		81	Mr. Manoj Tigga		MT
37	Dr. Manish Kumar Bajpai	CSE	MKB		82	Mrs. Neha Sharma		NS
38	Dr. Manoj Kumar Panda	Natural Sci	MKP		83	Mr. Aditya Sharma		AdS
39	Dr. Ayan Seal	CSE	AS		84	NITIN KUMAR NAMDEO	NS	NKN
40	Dr. Biswajeet Mukherjee	ECE	BM		85	SHAIENDRA KUMAR KUSHWAH	ME	SKK
41	Dr. Deepmala	Natural Sci	DM		86	MAHENDRA KACHHI	ME	MK
42	Dr. Trivesh Kumar	ECE	TK		87	DEEPAK KUMAR PATEL	ME	DKP
44	Dr. Himansu Sekhar Nanda	ME	HSN		88	VIBHA DHURVEY	ECE	VDh
45	Dr. Ponappa K	ME	KP		89	Guest / Visiting Faculty		GF or VF

The venue abbreviations are- CC: Computer center, DS: Design studio, FF: First floor, GF: Ground Floor.

## Details of Courses for Semester-I, 2023-24 (UG)

### B.Tech Semester-I

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor
NS1001	Mathematics-I (4 Sections)	3-1-0-4	NS	SSL+LKB+NKM +DM
NS1002	Engineering Mechanics (4 Sections)	2-1-2-4	NS	MKR+NRJ+ NKJ+YSK
HS1001	Effective Communications	1-2-0-2	LA	MA(C+D+E1+E2)& JAMF (A+B)
IT1001	Introduction to Programming In C (Theory) 02 Batches	2-0-3-3	CSE	VKJ (T)+ Mr. Aditya Sharma(L)
IT1002	Introduction to Programming In Python	2-0-3-3	ECE	AV
IT1002	Introduction to Programming In Python	2-0-3-3	ME	Guest Faculty
ES1002	Fundamentals of Electrical and Electronics Engineering	3-0-2-4	ECE	PKP+VB (Theory + Lab)
DS1005	Engineering Graphics	2-0-3-3	ME	PKJ+JKT [Lab: PKJ+JKT+YTD+ AKS+DSR]
CS1001	Introduction to Profession (02 Batches)	1-0-0-1	CSE	VKJ
EC1001	Introduction to Profession	1-0-0-1	ECE	PKP
ME1001	Introduction to Profession	1-0-0-1	ME	MZA
SM1001	Introduction to Profession	1-0-0-1	ME	MZA

### B.Des Semester-I

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor
DS1002	Design Fundamentals 1	2-0-2-3	DS	VF
DS1003	Design Drawing	1-0-3-2	DS	VF
DS1004	Representation Technique	2-0-2-3	DS	VF
DS1005	Engineering Graphics	2-0-3-3	ME	PKJ+JKT [Lab: PKJ+JKT+YTD+ AKS+DSR]
HS1001	Effective Communications	1-2-0-2	LA	MA(C+D+E1+E2) & JAMF (A+B)
IT1002	Introduction to Programming In Python	2-0-3-3	ME	Guest Faculty
DS1001	Introduction to Profession	1-0-0-1	DS	PM

### Year Long Courses (common for B.Des. and B.Tech.)

ES1003	Innovation Theory and Practice	1-0-2-2	IA	Guest Faculty
PC1001	Professional Development Course	1-0-0-1	PLACEMENT	



B.Tech Semester III				
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor
IT2001	Data Structure in C (Theory) 02 Batches	3-0-2-4	CSE	SKM (T) +Mr. Aditya Sharma (L)
IT2002	Data Structure in Python	3-0-2-4		Guest Faculty
DC1 (Discipline Core 1)				
CS2002	Computer Organization and Architecture (02 Batches)	3-0-0-3	CSE	MKB
EC2002	Digital Electronics and Microprocessor Interfacing	3-0-2-4	ECE	SKJ (Theory + Lab)
ME2002	Manufacturing Process	3-0-2-4	ME	PT [Lab: AKS+DSR]
DC2 (Discipline Core 2)				
CS2003	Database Management Systems (Theory) 02 Batches	3-0-2-4	CSE	PK
EC203a	Principle of Analog Communications	2-0-0-2	ECE	AtulK
EC203b	Network Theory (Analysis and Synthesis)	2-0-0-2	ECE	MSP
ME2003	Solid Mechanics	2-2-2-4	ME	SDP
SM2003	Solid Mechanics + Design of Mechanical Components	3-1-2-4	ME	AM
DC3 (Discipline Core 3)				
CS2004	Introduction to Data Science (Theory) 02 Batches	3-0-2-4	CSE	KKB
CS2004	Introduction to Data Science (Lab) 05 Batches	3-0-2-4	CSE	YTD
EC204a	Electronics Devices and Circuits	2-0-0-2	ECE	BM
EC204b	Instrumentation and Measurement	2-0-0-2	ECE	TK
ME2004	Engineering Thermodynamics	3-2-0-4	ME	TS
SM2004	Engineering Thermodynamics + Heat Transfer	3-1-0-4	ME	TC
OE1 (Choose any one course from below electives)				
OE2C09	Game Theory	3-0-0-3	CSE	AO
OE2E01	Sensors and Actuators	3-0-0-3	ECE	KD
OE2E02	Probability and random Process	3-0-0-3	ECE	SNS
EC8006	Photovoltaics: Fundamentals and Applications	3-0-0-3	ECE	DPS
OE2M07	Operations Research	3-0-0-3	ME	SA
OE2D11	Design Thinking	2-0-2-3	DS	PT
OE2D15	Design Art and Aesthetics	3-0-0-3	DS	VF
OE2N11	Introduction of Probability & Statistics	3-0-0-3	NS	BG
OE2N12	Numerical Methods for Engineers	3-0-0-3	NS	MKP
OE2D14	Science and culture a comparison	3-0-0-3	English/LA	MA
NS2001	Biology for Engineers	2-0-0-2	LA	Guest Faculty
IT workshop I				
IT2C01	OOPs in Java (05 Batches)	0-0-3-2	CSE	ND
IT2E01	Matlab and Simulink, Pspice	0-0-3-2	ECE	AV+AtulK
IT2M01	SolidWorks	0-0-3-2	ME	DSR
IT2S01	SolidWorks	0-0-3-2	ME	DSR
B.Des Semester-III				
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor
DS2005	Studies in Form	2-0-2-3	DS	VF
DS2006	Industrial Design 1	2-0-2-3	DS	VF
DS2007	Communication Design 1	2-0-2-3	DS	TSG
DS2008	Design Project 1	0-0-6-3	DS	VF
DS2010	Material and Processes	2-0-2-3	DS	VF
OE1 (Choose any one course from electives)				
	Same courses as OE1 for B. Tech. Semester III above			
Year Long Courses (common for B.Des. and B.Tech.)				
PR2002	Discipline Project	0-0-0-2		Guide
PC2002	Professional Development Course	1-0-0-1	Placement	COMMON for all students

B.Tech Semester V				
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor
DS3001	Engineering Design –Including Design and Fabrication Project	1-0-6-4		Not Applicable
<b>DC8 (Discipline Core 8)</b>				
CS3009	Network Security & Cryptography (02 Batches)	3-0-0-3	CSE	VSR
EC3009	VLSI System Design (VLSI IC design, logic synthesis using VHDL)	3-0-0-3	ECE	PR
ME3009	Design of Mechanical Components	2-2-0-3	ME	SM
SM3009	Additive and Subtractive Manufacturing Processes	2-0-2-3	ME	KP
<b>DC9 (Discipline Core 9)</b>				
CS3010	Software Engineering (02 Batches)	3-0-0-3	CSE	AG
EC3010	Fundamentals of Electromagnetic Theory	3-0-0-3	ECE	DKV
ME3010	Industrial Internet of Things	2-0-2-3	ME	MZA
SM3010	Computer Aided Product Development	2-0-2-3	ME	RS
<b>DC10 (Discipline Core 10)</b>				
CS3011	Artificial Intelligence (02 Batches)	3-0-0-3	CSE	DS
EC3011	Digital Communications	3-0-0-3	ECE	MDB
ME3011	Heat Transfer	3-0-2-4	ME	TC
SM3011	<b>Industrial Automation</b>	2-0-2-3	SM	TS
<b>DC11 (Discipline Core 11)</b>				
SM3012	Advanced Cyber Physical System	2-0-2-3	ME	SA
<b>OE3 (Choose any one course from below elective)</b>				
OE2C11	Principles of Programming Languages	3-0-0-3	CSE	AS*
OE3E25	VLSI Design Modeling	3-0-0-3	ECE	KD
OE3E40	Computation Genomic & Proteomic	3-0-0-3	ECE	SNS
OE4E50	Detection and Estimation Theory	3-0-0-3	ECE	MDB
OE3M26	Computer Aided Design	3-0-0-3	ME	PKJ
OE3M27	Vibration of Mechanical systems	3-0-0-3	ME	CD
OE3D15	Applied Ergonomics	3-0-0-3	DS	PM
OE3D16	Visual Ergonomics	3-0-0-3	DS	PM
OE3D25	Lighting Design	3-0-0-3	DS	AB
OE3D26	New Media Art	3-0-0-3	DS	VF
OE3N32	Material Sciences	3-0-0-3	NS	AKK
OE3N33	Quantum Mechanics For Engineers	3-0-0-3	NS	ACM
<b>IT workshop III</b>				
IT3C01	Computer Network Lab (05 Batches)	0-0-3-2	CSE	MS
IT3E01	Tanner Tool (Tspice), VHDL and Verilog	0-0-3-2	ECE	KD+PS
IT3M01	CATIA and Power Mill	0-0-3-2	ME	AKS
IT3S01	CATIA and Power Mill	0-0-3-2	ME	AKS
B.Des Semester -V				
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor
DS3001	Engineering Design –Including Design and Fabrication Project	1-0-6-4	Not Applicable	NA
DS3009	Service Design	2-0-2-3	DS	VF
DS3010	Sustainable Design	2-0-2-3	DS	VF
DS3011	Design Management	2-0-2-3	DS	VF
<b>OE3 (Choose any one course from the list of electives)</b>				
	Same courses as OE3 for B. Tech. Semester V above			
DS3012	Design Project 4 (compulsory)	0-0-6-3	DS	GUIDE
Year Long Courses (Common for B.Des. and B.Tech.)				
PR3003	Optional Project	0-0-0-2		
PC3003	Professional Development Course	1-0-0-1	Placement	

B.Tech Semester VII				
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor
<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
EC8033	Radio Frequency Integrated Circuits Design	3-0-0-3	ECE	MSP
OE4E69	Optical Communication	3-0-0-3	ECE	DKV
ME8021	Advanced Mechanics of Solids	3-0-0-3	ME	VKG
OE4M41	Micro and Nano Manufacturing	3-0-0-3	ME	KP
OE4L73	Life Skills Management	3-0-0-3	English/LA	JAMF
<b>OE08 (Choose any one course from below elective)</b>				
CS8018	Web Mining	3-0-0-3	CSE	ACP
EC8002	Advanced Engineering Electromagnetics	3-0-0-3	ECE	BM
CS8013	Mobile and Wireless Networks	3-0-0-3	ECE	RKJ
EC8029	Advanced Digital Filter Design	3-0-0-3	ECE	AK
OE4E71	Satellite communication	3-0-0-3	ECE	AtulK
ME5D02	Mechanical Vibration and Condition Monitoring	3-0-0-3	ME	SDP
ME5020	Advanced Manufacturing Processes and Technologies	3-0-0-3	ME	RS
MT5004	Microcontroller+PLC	2-0-2-3	ME	VKG+TS
<b>OE09 (Choose any one course from below elective)</b>				
CS8025	Fuzzy Sets, Logic and Applications	3-0-0-3	CSE	AS
EC8004	Pattern Recognition and Machine Learning	3-0-0-3	ECE	AV
EC8005	Advanced Semiconductor Devices	3-0-0-3	ECE	PS
ME8003	Sensors and Actuators	2-0-2-3	ME	MS
ME8002	Design of Experiments	3-0-0-3	ME	AM
OE4N77	Optimization Theory and Applications	3-0-0-4	NS	DM
<b>OE10 (Choose any one course from below elective)</b>				
CS8007	Social Network Analysis	2-0-2-3	CSE	ACP
OE4E25	Advance Antenna Theory Design	3-0-0-3	ECE	TK
EC8030	CMOS Memory Design	3-0-0-3	ECE	PR
EC8034	Advanced DSP	3-0-0-3	ECE	AK
OE4M52	Rapid Product Development Technologies	3-0-0-3	ME	MS
ME8016	Biomaterials Science and Engineering	3-0-0-3	ME	HSN
OE4M73	Product Innovation	3-0-0-3	ME	TS
<b>OE11 (Choose any one course from below elective)</b>				
CS8004	Deep Learning and Applications	2-0-2-3	CSE	AO
EC8017	Internet of Things	3-0-0-3	ECE	RKJ
EC8032	Numerical Techniques in Electromagnetics	3-0-0-3	ECE	BM
OE4M74	AI and ML in Mechanical Engineering	2-0-2-3	ME	VKG/JKT
OE4M22	Industrial Instrumentation and Metrology	3-0-0-3	ME	CD
OE4L02	Japanese Language Course	3-0-0-3	LA	Guest Faculty
B.Des Semester-VII				
Course Code	Course Name	Credit	Offered By Discipline	Instructor
DS4013	Design Seminar I	3	DS	Guide
DS4014	Design Thesis II	14	DS	Guide
<b>Year Long Courses (Common for B.Des. and B.Tech.)</b>				
PC4004	Professional Development Course	1-0-0-1	Placement	

Details of Courses for Semester-I, 2023-24 (MTech/MDes Courses)			
ECE			
Semister-I			
Communication and Signal Processing			
Course Code	Course Name	L-T-P-C	Instuctor
EC5C01	Advanced Digital Communication	3-0-2-4	
EC5C02	Time-Frequency Analysis	3-0-0-3	
EC8014	Advanced Signal Processing	3-0-0-3	
Power and Control			
EC5P01	Special topics in Control system	2-0-0-2	
EC5P02	Special topics in Power Engineering	2-0-0-2	
EC5P03	Power Electronics and Drives	3-0-0-3	
MT504a	Microcontroller	1-0-2-2	
MT504b	PLC	1-0-2-2	
Nanoelectronics and VLSI Design			
EC5N01	Physics of Semiconductor Devices	3-0-0-3	PNK
EC5N02	Digital VLSI Design	3-0-0-3	PS
EC5N03	Device Fabrication Technology	3-0-2-4	DPS

CSE			
Semester-I			
Course Code	Course Name	Credits:	Instuctor
<b>OE07 (Choose any one course from below elective)</b>			
CS8016	Cloud Computing	3-0-0-3	MS
OE3C28	Cyber Security	2-0-2-3	ND
<b>OE08 (Choose any one course from below elective)</b>			
CS8018	Web Mining	3-0-0-3	ACP
<b>OE09 (Choose any one course from below elective)</b>			
CS8017	Fuzzy Sets, Logic and Applications	3-0-0-3	AS
<b>OE10 (Choose any one course from below elective)</b>			
CS8007	Social Network Analysis	2-0-2-3	ACP
<b>OE11 (Choose any one course from below elective)</b>			
CS8004	Deep Learning and Applications	2-0-2-3	AO

ME			
Semester-I			
Course Code	Course Name	L-T-P-C	Instructor
CAD/CAM			
ME5001	Analytical Methods in Engineering	3-0-0-3	SM
ME8012	Computer Aided Geometric Design	3-0-0-3	PKJ
OE1 (list all electives for Sem I)			
ME5020	Advanced Manufacturing Processes and Technologies	3-0-0-3	RS
ME8002	Design of Experiments	3-0-0-3	AM
OE2 (list all electives for Sem I)			
	AI and ML in Mechanical Engineering	2-0-2-3	VKG+JKT
ME8003	Sensors and Actuators	3-0-0-3	MS
ME5C2L	PG IT Workshop I	0-0-2-2	AKS/DSR
Design			
Course Code	Course Name	L-T-P-C	Instructor
ME5001	Analytical Methods in Engineering	3-0-0-3	SM
ME8021	Advanced Mechanics of Solid	3-0-0-3	VKG
ME5D02	Mechanical Vibrations and Condition Monitoring	3-0-2-4	SDP
OE1 (Choose any one course from below electives)			
ME8003	Sensors and Actuators	3-0-0-3	MS
ME8002	Design of Experiments	3-0-0-3	AM
	AI and ML in Mechanical Engineering	2-0-2-3	VKG/JKT
ME5D3L	PG IT Workshop II	0-0-2-2	AKS/DSR
Manufacturing and Automation			
Course Code	Course Name	L-T-P-C	Instructor
ME5001	Analytical Methods in Engineering	3-0-0-3	SM
ME5M01	Manufacturing Science	3-0-0-3	YTD
OE1 (Choose any ONE course from below electives)			
ME8003	Sensors and Actuators	3-0-0-3	MS
ME5020	Advanced Manufacturing Processes and Technologies	3-0-0-3	RS
OE2 (Choose any ONE course from below electives)			
	AI and ML in Mechanical Engineering	2-0-2-3	VKG/JKT
ME8016	Biomaterials Science and Engineering	3-0-0-3	HSN
ME5M2L	PG IT Workshop III	0-0-2-2	AKS/DSR
Mechatronics			
Semester-I			
Course Code	Course Name	L-T-P-C	Instructor
ME5001	Analytical Methods in Engineering	3-0-0-3	SM
MT5001	CONCEPTS IN MECHANICAL ENGINEERING	3-0-0-3	YTD
OR			
MT5002	Concepts in Electronic Device	3-0-0-3	YTD
ME8003	Sensors and Actuators	2-0-2-3	MS
MT504a	Microcontroller	1-0-2-2	VKG
MT504b	PLC	1-0-2-2	TS
PC5001	Professional Development Course	1-0-0-1	To be given by Placement

Master of Design			
<u>Semester I</u>			
Course Code	Course Name	L-T-P-C	Instructor
DS5001	Elements and Principle of Design	2-0-2-3	AB
	<b>OR</b>		
DS5002	Art & Aesthetics in Design	2-0-2-3	VF
DS5003	Ergonomics for Industrial Design	2-0-2-3	SP
DS5004	Product Design-I	2-0-2-3	PT
DS5005	Visual Design I	2-0-2-3	TSG
DS5006	Design Workshop-I	2-0-2-3	VF
PC5001	Professional Development Course	1-0-0-1	To be given by Placement

<u>Semester III</u>			
Course Code	Course Name	L-T-P-C	Instructor
DS5007	Design Project (Technically Complex project of System)	0-0-16-8	GUIDE
	<b>Choose any two Elective from below course</b>		
DS5009	Product Detailing	2-0-2-3	VF
DS5010	Video and Animation Design	2-0-2-3	VF
DS5011	Advance Applied Ergonomics	2-0-2-3	PM
	<b>OR</b>		
DS5012	Advance Visual Ergonomics	2-0-2-3	PM
DS5014	Design Styling and Trend Forecast	2-0-2-3	VF

**EMF's (Any two of the following six EMF's)**

EM592h	Medical Equipment Design	1	VF
EM592k	Product Design in Electronic	1	VF
EM5D02	Typography	1	VF
EM5D03	Photography	1	VF
EM5D04	Information Design	1	VF
EM5D05	Packaging and Branding	1	VF
DS5096	Summer Internship (compulsory)	2	GUIDE