

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									
Time/Day	9:00-10:00	10:00-11:00	11:00-12:00	12:00-13:00	Break	13:00-14:00	14:00-15:00	16:00-17:00	17:00-18:00
I Sem (B) Semester									
(C) Discipline	(D) Schedule								
	ES1002 PKP-A-L104	NS1001 SSL-A-L104				ES1002L - PKP - A1		NS1002L - MKR - A	
CSE		NS1001 LKB-B-L105	IT1001 VKJ-C4-C5, C6-L105			IT1001L VKJ/Adhyas-CS, C6-CC FF	IT1001L VKJ/Adhyas-CS, C6-CC FF	IT1001L VKJ/Adhyas-CS, C6-CC FF	
	DS1005 JKTC-L202	NS1001	HS1001	IT1002			DS1005L DSR-C14.202		

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 details of the section will be provided by the academic section soon. A general hint for the same is as follows:

Batch	Discipline	From	To	Remarks
A	CSE			
B	CSE			
C	ECE	All ECE students		
D	ME & SM	All ME and SM students		
E	Design	All Design students		

**Subsections/Subgroups for different labs will be in the following manner:**

Subsection	Discipline	From	To	Remarks
A1	CSE			
A2	CSE			
B1	CSE			
B2	CSE			
C1	ECE			
C2	ECE			
D1	ME			
D2	SM			
E1	Design			
E2	Design			

List of faculty/staff members with Abbrivation

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

## Details of Courses for Semester-I, 2024-25 (UG)

### First Year (1<sup>st</sup> Semester)

<b>B.Tech Semester-I</b>					
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	Remarks
NS1001	Mathematics-I (4 Sections)	3-1-0-4	NS	SSL+LKB+NKM+DM	Common for all
NS1002	Engineering Mechanics (4 Sections)	2-1-2-4	NS	ACM+NRJ+NKJ+AKK	Common for all
HS1001	Effective Communications (4 Sections)	1-2-0-2	LA	MA- Batch C,D,E JAMF- Batch- A& B	Common for all
IT1001	Introduction to Programming In C 02 Batches	2-0-3-3	CSE	YTD + Mr. Aditya Sharma-Lab	only for CSE
IT1002	Introduction to Programming In Python	2-0-3-3	ECE	AV	only for ECE
IT1002	Introduction to Programming In Python (02 Batches)	2-0-3-3	ME	SKC+RP [Lab: SKC+RP]	Common for ME, SM and DS
ES1002	Fundamentals of Electrical and Electronics Engineering	3-0-2-4	ECE	PKP+PR	only for CSE
DS1005	Engineering Graphics (02 Batches)	2-0-3-3	ME	MKT+SGM [Lab: MKT+SGM+PSK+ARR]	Common for ECE,ME,SM and DS
CS1001	Introduction to Profession (02 Batches)	1-0-0-1	CSE	VKJ	Common for CSE
EC1001	Introduction to Profession	1-0-0-1	ECE	PNK	Common for ECE
ME1001	Introduction to Profession	1-0-0-1	ME	MZA	Common for ME
SM1001	Introduction to Profession	1-0-0-1	ME	MZA	Common for SM
<b>B.Des Semester-I</b>					
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	Remarks
DS1002	Design Fundamentals 1	2-0-2-3	DS	PM	Common for Design
DS1003	Design Drawing	1-0-3-2	DS	VF	Common for Design
DS1004	Representation Technique	2-0-2-3	DS	VF	Common for Design
DS1005	Engineering Graphics (02 Batches)	2-0-3-3	ME	MKT+SGM [Lab: MKT+SGM+PSK+ARR]	Common for ECE,ME,SM and DS
HS1001	Effective Communications (4 Sections)	1-2-0-2	LA	MA- Batch C,D,E JAMF- Batch- A& B	Common for all
IT1002	Introduction to Programming In Python (02 Batches)	2-0-3-3	ME	SKC+RP [Lab: SKC+RP]	Common for ME, SM and DS
DS1001	Introduction to Profession	1-0-0-1	DS	PM	Common for Design
<b>Year Long Courses (common for B.Des. and B.Tech.)</b>					
ES1003	Innovation Theory and Practice	1-0-2-2	IA		To be checked with IIC & PCC
PC1001	Professional Development Course	1-0-0-1	PLACEMENT		To be given by Placement

## Second Year (III<sup>rd</sup> Semester)

B.Tech Semester III					
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	
NS2001	Biology for Engineers	2-0-0-2	LA		For CSE only
IT2001	Data Structure in C (02 Batches)	3-0-2-4	CSE	SKM	For CSE only
IT2002	Data Structure in Python	3-0-2-4	ECE	VF	Common for ECE
IT2002	Data Structure in Python	3-0-2-4	ME, SM & DS	VF	Common for ME, SM & DS
<b>DC1 (Discipline Core 1)</b>					
CS2002	Computer Organization and Architecture (02 Batches)	3-0-0-3	CSE	YTD	Common for CSE
EC2002	Digital Electronics and Microprocessor Interfacing	3-0-2-4	ECE	SKJ	Common for ECE
ME2002	Manufacturing Process	3-0-2-4	ME	HSN	Common for ME & SM
SM2002	Manufacturing Process	3-0-2-4	SM	PT	Common for ME & SM
<b>DC2 (Discipline Core 2)</b>					
CS2003	Database Management Systems (02 Batches)	3-0-2-4	CSE	PK	Common for CSE
EC203a	Principle of Analog Communications	2-0-0-2	ECE	ST	Common for ECE
EC203b	Network Theory (Analysis and Synthesis)	2-0-0-2	ECE	MSP	Common for ECE
ME2003	Solid Mechanics	2-2-2-4	ME	VKG	Common for ME
SM2003	Solid Mechanics + Design of Mechanical Components	3-1-2-4	SM	SDP	Common for SM
<b>DC3 (Discipline Core 3)</b>					
CS2004	Introduction to Data Science 02 Batches	3-0-2-4	CSE	YTD	Common for CSE
EC204a	Electronics Devices and Circuits	2-0-0-2	ECE	TK	Common for ECE
EC204b	Instrumentation and Measurement	2-0-0-2	ECE	PS	Common for ECE
ME2004	Engineering Thermodynamics	3-2-0-4	ME	PSK	Common for ME
SM2004	Engineering Thermodynamics + Heat Transfer	3-1-0-4	SM	TC	Common for SM
<b>OE1 (Choose any one course from below electives)</b>					
OE2C09	Discrete Structures	3-0-0-3	CSE	AO	Open for all
OE2E01	Introduction to Sensors and Actuators	3-0-0-3	ECE	KD	Open for all
OE2E03	Fundamentals of Signals and Systems	3-0-0-3	ECE	AK	Open for all
OE2M07	Operations Research	3-0-0-3	ME	SKC	Open for all
OE2M09	Probabilistic Approaches to Machine Learning	3-0-0-3	SM	SA	Open for all
OE2N12	Numerical Methods for Engineers	3-0-0-3	NS	MKP	Open for all
OE2N13	Semiconductor Optoelectronic Devices	3-0-0-3	NS	YSK	Open for all
OE2D14	SCIENCE AND CULTURE - A COMPARISON	3-0-0-3	English/LA	MA	Open for all
<b>IT workshop I</b>					
IT2C01	IT workshop I	0-0-3-2	CSE	YTD	Common for CSE
IT2E01	IT workshop I	0-0-3-2	ECE	AV	Common for ECE
IT2M01	IT workshop I	0-0-3-2	ME	DSR	Common for ME
IT2S01	IT workshop I	0-0-3-2	ME	DSR	Common for SM
<b>B.Des Semester-III</b>					
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	
DS2005	Studies in Form	2-0-2-3	DS	VF	only for B.Des
DS2006	Industrial Design 1	2-0-2-3	DS	VF	only for B.Des
DS2007	Communication Design 1	2-0-2-3	DS	TSG	only for B.Des
DS2008	Design Project 1	0-0-6-3	DS	Guide	only for B.Des
DS2010	Material and Processes	2-0-2-3	DS	VF	only for B.Des
<b>OE1 (Choose any one course from the electives mentioned above in B. Tech. section)</b>					
<b>Year Long Courses (common for B.Des. and B.Tech.)</b>					
PR2002	Discipline Project	0-0-0-2			Specific to Discipline
PC2002	Professional Development Course	1-0-0-1	Placement		To be given by Placement

## Third Year (V<sup>th</sup> Semester)

B.Tech Semester V						
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor		
HS3004	Ecology & Environment Science	2-0-0-2	LA		CSE Only	
DS3001	Engineering Design –Including Design and Fabrication Project	1-0-6-4			Common for all	
<b>DC8 (Discipline Core 8)</b>						
CS3009	Network Security & Cryptography (02 Batches)	3-0-0-3	CSE	YTD	Common for CSE	
EC3009	VLSI System Design (VLSI IC desien, logic synthesis using VHDL)	3-0-0-3	ECE	PR	Common for ECE	
ME3009	Design of Mechanical Components	2-2-0-3	ME	KP	Common for ME	
SM3009	Additive and Subtractive Manufacturing Processes	2-0-2-3	SM	KP	Common for SM	
<b>DC9 (Discipline Core 9)</b>						
CS3010	Software Engineering (02 Batches)	3-0-2-4	CSE	AG	Common for CSE	
EC3010	Fundamentals of Electromagnetic Theory	3-0-0-3	ECE	DKV	Common for ECE	
ME3010	Industrial Internet of Things	2-0-2-3	ME	MZA	Common for ME	
SM3010	Computer Aided Product Development	2-0-2-3	SM	ARR	Common for SM	
<b>DC10 (Discipline Core 10)</b>						
CS3011	Artificial Intelligence (02 Batches)	3-0-0-3	CSE	DS	Common for CSE	
EC3011	Digital Communications	3-0-0-3	ECE	MDB	Common for ECE	
ME3011	Heat Transfer	3-0-2-4	ME	TC	Common for ME	
SM3011	Industrial Automation	2-0-2-3	SM	TS	Common for SM	
<b>DC11 (Discipline Core 11)</b>						
SM3012	Advanced Cyber Physical System	2-0-2-3	ME	SKS	Common for SM	
<b>OE3 (Choose any one course from below elective)</b>						
CS8028	Hardware Security (02 Batches)	3-0-0-3	CSE	VSR	Those who have done pre-requisites	
OE3E40	Computation Genomic & Proteomic	3-0-0-3	ECE	SNS	Those who have done pre-requisites	
OE4E50	Detection and Estimation Theory	3-0-0-3	ECE	ST	Those who have done pre-requisites	
OE3M26	Computer-Aided Design (CAD)	3-0-0-3	ME	MS	Those who have done pre-requisites	
OE4M23	Business Analytics using R	3-0-0-3	SM	SA	Those who have done pre-requisites	
OE3N36	Probability and Statistics	3-0-0-3	NS	BG	Those who have done pre-requisites	
OE3D16	Visual Ergonomics	2-0-2-3	DS	PM	Those who have done pre-requisites	
<b>IT workshop III</b>						
IT3C01	IT workshop III	0-0-3-2	CSE	Mr. Aditya Sharma		
IT3E01	IT workshop III	0-0-3-2	ECE	KD		
IT3M01	IT workshop III	0-0-3-2	ME	AKS		
IT3S01	IT workshop III	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		Common for all	
DS3009	Service Design	2-0-2-3	DS	SP		
DS3010	Sustainable Design	2-0-2-3	DS	AB		
DS3011	Design Management	2-0-2-3	DS	VF		
DS3012	Design Project 4 (compulsory)	0-0-6-3	DS	GUIDE		
<b>OE3 (Choose any one course from the electives mentioned above in B. Tech. section)</b>						
Year Long Courses (Common for B.Des. and B.Tech.)						
PR3003	Optional Project	0-0-0-2			Optional specific to discipline	
PC3003	Professional Development Course	1-0-0-1	Placement		Common for all	

## Final Year (VII<sup>th</sup> Semester)

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 (02 Batches)	3-0-0-3	CSE	MS		Those who have done pre-requisites
EC8033	Radio Frequency Integrated Circuits Design	3-0-0-3	ECE	MSP		Those who have done pre-requisites
EC8029	Advanced Digital Filter Design	3-0-0-3	ECE	AK		Those who have done pre-requisites
OE4M75	Fundamentals of Tribology & Rheology	3-0-0-3	ME	MKT		Those who have done pre-requisites
MT5003	Advance in Sensors and Actuators	3-0-0-3	MT	MS		Those who have done pre-requisites
ME5D03	Finite Element Methods for Mechanical Engineering	3-0-0-3	ME	SDP		Those who have done pre-requisites
<b>OE08 (Choose any one course from below elective)</b>						
CS8031	Cyber Security (02 Batches)	2-0-2-3	CSE	ND		Those who have done pre-requisites
OE4E25	Advance Antenna Theory Design	3-0-0-3	ECE	TK		Those who have done pre-requisites
EC8030	CMOS Memory Design	3-0-0-3	ECE	KD		Those who have done pre-requisites
OE4M76	Digital Twins in Manufacturing	3-0-0-3	SM	SKS		Those who have done pre-requisites
ME5D02	Mechanical Vibrations and Condition Monitoring	3-0-0-3	ME	AM		Those who have done pre-requisites
OE4M35	Advanced Manufacturing Processes and Technologies	3-0-0-3	ME	RP		Those who have done pre-requisites
<b>OE09 (Choose any one course from below elective)</b>						
CS8018	Web Mining	3-0-0-3	CSE	ACP		Open for all
CS8013	Mobile and Wireless Networks	3-0-0-3	CSE	VKJ		Open for all
EC8004	Pattern Recognition and Machine Learning	3-0-0-3	ECE	AV		Open for all
OE4E69	Optical Communication	3-0-0-3	ECE	DKV		Open for all
ME8016	Biomaterials Science and Engineering	3-0-0-3	ME	HSN		Open for all
OE4M52	Rapid Product Development Technologies	3-0-0-3	ME	PKJ		Open for all
OE4N77	Neno technology for Engineers	3-0-0-3	NS	MKR		Open for all
<b>OE10 (Choose any one course from below elective)</b>						
CS8032	Soft Computing	3-0-0-3	CSE	AS		Open for all
CS8004	Deep Learning and Applications	2-0-2-3	CSE	AO		Open for all
EC8006	Photovoltaics: Fundamentals and Applications	3-0-0-3	ECE	DPS		Open for all
OE4M22	Industrial Instrumentation & Metrology	3-0-0-3	ME	CD		Open for all
ME8010	MEMS: Microfabrication and Application	3-0-0-3	ME	MZA		Open for all
OE4L73	LIFE SKILLS MANAGEMENT	3-1-0-3	English/LA	JAMF		Open for all
<b>OE11 (Choose any one course from below elective)</b>						
CS8007	Social Network Analysis	2-0-2-3	CSE	ACP		Open for all
CS8025	Fuzzy Sets, Logic and Applications	3-0-0-3	CSE	AS		Open for all
NEW	Wireless Communications	3-0-0-3	ECE	MDB		Open for all
EC5N01	Physics of Semiconductor Devices	3-0-0-3	ECE	PNK		Open for all
ME5C01	Computer Aided Geometric Design	3-0-0-3	ME	PKJ		Open for all
ME8002	Design for Experiments	3-0-0-3	ME	CD		Open for all
OE4M74	AI and ML for Engineering	3-0-0-3	SM	VKG		Open for all
<b>B.Des Semester-VII</b>						
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			Common for all

## Details of Courses for Semester-I, 2024-25 (PG)

ECE					
Semester-I					
Microwave and Communication Engg.					
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Students
EC5M01	Advanced Digital Communication/Wireless Communication	3-0-0-3	ECE	MDB	
EC5M02	Advanced Signal Processing	3-0-0-3	ECE	SNS	
EC5M03	Time Frequency Analysis	3-0-2-4	ECE	AV	
<b>OE1 (Choose any one course from below electives)</b>					
OE4E69	Optical Communication	3-0-0-3	ECE	DKV	
OE4E25	Advance Antenna Theory Design	3-0-0-3	ECE	TK	
OE4E50	Detection and Estimation Theory	3-0-0-3	ECE	ST	
Other UG VII Semester Electives with consent of DPGC					
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	Guest Faculty	
MT504a	Microcontroller	1-0-2-2	MT	VKG	
MT504b	PLC	1-0-2-2	MT	TS	
<b>OE1 (Choose any one course from below electives)</b>					
EC8006	Photovoltaics: Fundamentals and Applications	3-0-0-3	ECE	DPS	
EC8029	Advanced Digital Filter Design	3-0-0-3	ECE	AK	
Other UG VII Semester Electives with consent of DPGC					
Micro and Nenoelectronics					
EC5N01	Physics of Semiconductor Devices	3-0-0-3	ECE	PNK	
EC5N02	Digital VLSI Design	3-0-0-3	ECE	PS	
EC5N03	Device Fabrication Technology	3-0-2-4	ECE	DPS	
<b>OE1 (Choose any one course from below electives)</b>					
EC8030	CMOS Memory Design	3-0-0-3	ECE	KD	
		3-0-0-3	ECE		
		3-0-0-3	ECE		
CSE					
Semester-I					
Course Code	Course Name	Credits:	Offered By Discipline	Instructor	No. of Students
<b>OE07 (Choose any one course from below elective)</b>					
CS8016	Cloud Computing (02 Batches)	3-0-0-3	CSE	MS	
<b>OE08 (Choose any one course from below elective)</b>					
CS8031	Cyber Security (02 Batches)	2-0-2-3	CSE	ND	
<b>OE09 (Choose any one course from below elective)</b>					
CS8018	Web Mining	3-0-0-3	CSE	ACP	
CS8013	Mobile and Wireless Networks	3-0-0-3	CSE	VKJ	
<b>OE10 (Choose any one course from below elective)</b>					
CS8032	Soft Computing	3-0-0-3	CSE	AS	
CS8004	Deep Learning and Applications	2-0-2-3	CSE	AO	
<b>OE11 (Choose any one course from below elective)</b>					
CS8007	Social Network Analysis	2-0-2-3	CSE	ACP	
CS8025	Fuzzy Sets, Logic and Applications	3-0-0-3	CSE	AS	

ME						
Semester-I						
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Students	
<b>CAD/CAM</b>						
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM		
ME5C01	Computer Aided Geometric Design	3-0-0-3	ME	PKJ		
<b>OE1 (Choose any One course from below electives)</b>						
OE4M41	Micro and Nano manufacturing	3-0-0-3	ME	SGM		
OE4M22	Industrial Instrumentation & Metrology	3-0-0-3	ME	CD		
<b>OE2 (Choose any One course from below electives)</b>						
ME8002	Design for Experiments			CD		
OE4M74	AI and ML for Engineering	3-0-0-3	ME	VKG		
ME5C2L	PG IT Workshop I	0-0-2-2	ME	DSR		
<b>Design</b>						
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Students	
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM		
ME5D01	Advanced Mechanics of Solid	3-0-0-3	ME	SM		
ME5D02	Mechanical Vibrations and Condition Monitoring	3-0-2-4	ME	AM		
<b>OE1 (Choose any one course from below electives)</b>						
ME8002	Design for Experiments	3-0-0-3	ME	CD		
ME5D03	Finite Element Method for Mechanical Engineers	3-0-0-3	ME	SDP		
OE4M74	AI and ML for Engineering	3-0-0-3	ME	VKG		
ME5D3L	PG IT Workshop II	0-0-2-2	ME	DSR		
<b>Manufacturing</b>						
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Students	
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM		
ME5M01	Manufacturing Science	3-0-0-3	ME	ARR		
<b>OE1 (Choose any One course from below electives)</b>						
OE4M22	Industrial Instrumentation & Metrology	3-0-0-3	ME	CD		
OE4M41	Micro and Nano manufacturing	3-0-0-3	ME	SGM		
<b>OE2 (Choose any One course from below electives)</b>						
ME8002	Design for Experiments	3-0-0-3	ME	CD		
OE4M74	AI and ML for Engineering	3-0-0-3	ME	VKG		
ME5M2L	PG IT Workshop III	0-0-2-2	ME	DSR		

Mechatronics						
Semester-I						
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Students	
ME5001	Analytical Methods in Engineering	3-0-0-3	ME	SM		
MT5001	CONCEPTS IN MECHANICAL ENGINEERING	3-0-0-3	MT	SM		
	OR					
MT5002	Concepts in Electronic Device	3-0-0-3	ECE			
MT5003	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		

Master of Design						
Semester I						
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Students	
DS5001	Elements and Principles of design	2-0-2-3	DS	AB		
DS5003	Ergonomics for Industrial Design	2-0-2-3	DS	SP		
DS5004	Product Design-I	2-0-2-3	DS	PT		
DS5005	Visual Design I	2-0-2-3	DS	TSG		
DS5006	Design Workshop-I	2-0-2-3	DS	VF		
PC1001	Professional Development Course	1-0-0-1	Placement	Placement		
<b>Semester III</b>						
Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Students	
DS5007	Design Project (Technically Complex project of System)	0-0-16-8	DS	Guide		
<b>Choose any two Elective from below course</b>						
DS5011	Advance Applied Ergonomics	3-0-0-3	DS	PM		
	OR					
DS5012	Advance Visual Ergonomics	2-0-2-3	DS	PM		
DS5013	Sustainable Design	3-0-0-3	DS	AB		
DS5014	Design Styling and Trend Forecast	2-0-2-3	DS	VF		
<b>EMF's (Any two of the following three EMF's)</b>						
EM592h	Medical Equipment Design	1	DS	VF		
EM592k	Product Design in Electronics	1	DS	VF		
EM5D03	Photography	1	DS	VF		
DS5096	Summer Internship (compulsory)	2	DS			



**NS (MATHEMATICS) Discipline**

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
MTH601	Topics in Numerical Analysis	3-0-0-3	NS	Dr. M K Panda	
MTH 603	Spectral Methods, theory and its applications	3-0-0-3	NS	Dr. L K Balyan	

**NS (Physics) Discipline**

Course Code	Course Name	L-T-P-C	Offered By Discipline	Instructor	No. of Student
PHY613	Materials Characterization	3-0-0-3	NS	Dr. Y S. Katharria	
PHY611	Nanotechnology for Engineers	3-0-0-3	NS	Dr. MK Roy	