

MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

List of offered Elective/Honor/Minor for UG VI and VIII semester for session Jan-June 2021

Name of Department	Category	S.No.	Full Name of Course	Weeks	Start Date	End Date	Exam Date	Mentor of our Institute
Electronics Engineering	DE-5 (VIII Semester)	1	Modern Digital Communication techniques	12	18-01-2021	09-04-2021	24-04-2021	Pooja Sahoo
		2	Mathematical methods and techniques in Signal Processing	12	18-01-2021	09-04-2021	25-04-2021	Dr Karuna Markam
		3	Power Management Integrated Circuits	12	18-01-2021	09-04-2021	25-04-2021	Madhav Singh
	Honor Specialization (VIII Sem)	1	Architectural Design of Digital Integrated Circuits	12	18-01-2021	09-04-2021	24-04-2021	Madhav Singh
		2	Cloud Computing and Distributed Systems	8	18-01-2021	12-03-2021	21-03-2021	Arpita Singhal
		3	Biomedical Signal Processing	12	18-01-2021	09-04-2021	24-04-2021	Awadhesh Gupta
	Minor Specilization (VIII Semester)	1	Microwave Integrated Circuits	8	18-01-2021	12-03-2021	21-03-2021	Santosh Sharma
		2	Digital Signal Processing and its Applications	12	18-01-2021	09-04-2021	24-04-2021	Dr R Dubey
		3	Computer Vision and Image Processing - Fundamentals and	12	18-01-2021	09-04-2021	24-04-2021	Shambhu Kumar
	DE-2 (VI Semester)		Spread Spectrum Communications and Jamming	12	18-01-2021	09-04-2021	25-04-2021	Deep Kishore Parsedia
			Digital IC Design	12	18-01-2021	09-04-2021	25-04-2021	Dr Vikas Mahor
			Fuzzy Sets, Logic and Systems & Application	12	18-01-2021	09-04-2021	24-04-2021	Dr Vandana Vikas Thakare
	Honor Specialization (VI Semester)	1	Electromagnetic Waves in Guided and Wireless Media	8	15-02-2021	09-04-2021	25-04-2021	Pooja Sahoo
		2	Integrated Circuits, MOSFETs, Op-Amps and their Application	12	18-01-2021	09-04-2021	24-04-2021	Rishabh Shukla
		3	High Power multilevel converter	12	18-01-2021	09-04-2021	24-04-2021	Praveen K Singh
Minor Specialization (VI Semester)	1	Integrated Circuits, MOSFETs, Op-Amps and their Application	12	18-01-2021	09-04-2021	24-04-2021	Rishabh Shukla	
	2	High Power multilevel converter	12	18-01-2021	09-04-2021	24-04-2021	Praveen K Singh	
	3							
Electronics & Telecommunication Engineering	DE-5 (VIII SEM)	1	Modern Digital Communication techniques	12	18-01-2021	09-04-2021	24-04-2021	Pooja Sahoo
		2	Mathematical methods and techniques in Signal Processing	12	18-01-2021	09-04-2021	25-04-2021	Dr Karuna Markam
		3	Power Management Integrated Circuits	12	18-01-2021	09-04-2021	25-04-2021	Madhav Singh
	Honor Specialization (VI Sem)	1	Architectural Design of Digital Integrated Circuits	12	18-01-2021	09-04-2021	24-04-2021	Madhav Singh
		2	Cloud Computing and Distributed Systems	8	18-01-2021	12-03-2021	21-03-2021	Arpita Singhal
		3	Biomedical Signal Processing	12	18-01-2021	09-04-2021	24-04-2021	Awadhesh Gupta
	Minor Specilization (VI Sem)	1	Microwave Integrated Circuits	8	18-01-2021	12-03-2021	21-03-2021	Santosh Sharma
		2	Digital Signal Processing and its Applications	12	18-01-2021	09-04-2021	24-04-2021	Dr R Dubey
		3	Computer Vision and Image Processing - Fundamentals and	12	18-01-2021	09-04-2021	24-04-2021	Shambhu Kumar
	DE-2 (VI Semester)		Spread Spectrum Communications and Jamming	12	18-01-2021	09-04-2021	25-04-2021	Deep Kishore Parsedia
			Digital IC Design	12	18-01-2021	09-04-2021	25-04-2021	Dr Vikas Mahor
			Fuzzy Sets, Logic and Systems & Application	12	18-01-2021	09-04-2021	24-04-2021	Dr Vandana Vikas Thakare
	Honor Specialization (VI Sem)	1	Electromagnetic Waves in Guided and Wireless Media	8	15-02-2021	09-04-2021	25-04-2021	Pooja Sahoo
		2	Integrated Circuits, MOSFETs, Op-Amps and their Application	12	18-01-2021	09-04-2021	24-04-2021	Rishabh Shukla
		3	High Power multilevel converter	12	18-01-2021	09-04-2021	24-04-2021	Praveen K Singh
Minor Specialization (VI Sem)	1	Integrated Circuits, MOSFETs, Op-Amps and their Application	12	18-01-2021	09-04-2021	24-04-2021	Rishabh Shukla	
	2	High Power multilevel converter	12	18-01-2021	09-04-2021	24-04-2021	Praveen K Singh	
DE-5 (VIII Semester)	1	130851 Waste to Energy Conversion	08 Weeks	Jänner 18, 2021	03-12-2021	März 21, 2021	Dr. Vijay Bhuria Prof. Punjan Dohare	
		130852 Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems	08 Weeks	Jänner 18, 2021	03-12-2021	März 21, 2021	Dr. Himmat Singh Prof. Rahul Sagwal	
	Honor Specialization (VIII Semester)	1	The Joy of Computing using Python	12 Weeks	Jänner 18, 2021	04-09-2021	April 24, 2021	Prof. Rahul Sagwal
		2	Introduction to Robotics	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Prof. A. Patra Dr. Vikram
		3	Linear Dynamical Systems	08 Weeks	Jänner 18, 2021	März 12, 2021	März 21, 2021	Prof. S. P. Singh
		4	Fundamentals of semiconductor devices	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Dr. H. M. Dubey Prof. Manoj Kumar
		5	Non-Conventional Energy Resources	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Prof. Vishal Chaudhary Prof. S. kumar Rajput
		6	Power System Dynamics, Control and Monitoring	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Dr. S. Dixit Prof. Rahul Sagwal
		7	Sensors and Actuators	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Dr. A.K. Wadhvani Prof. Aprajita Kumari
	8	Robotics and Control: Theory and Practice	8 Weeks	Jänner 18, 2021	März 12, 2021	März 21, 2021	Dr. S. Wadhvani Dr. Vikram	
9	Biomedical Signal Processing	12 Weeks	Jänner 18, 2021	04-09-2021	April 24, 2021	Dr. A.K. Wadhvani Prof. Punjan Dohare		
Minor Specilization	1	Fundamentals of semiconductor devices	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Dr. H. M. Dubey Prof. Manoj Kumar	
	2	Power System Engineering	12 Weeks	Jänner 18, 2021	04-09-2021	April 24, 2021	Dr. S. Dixit Prof. Rahul Sagwal	

Electrical Engineering	(VIII Semester)	3	Non-Conventional Energy Resources	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	rof. Vishal Chaudhary Prof. Saurabh kumar Rajput	
		4	Fundamental of Power Electronics	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Dr. H. M. Dubey Prof. Manoj Kumar	
		5	Principles of Signals and Systems	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. Kuldeep Swarnkar Dr. Vikram	
		6	Control engineering	12 Weeks	Jänner 18, 2021	04-09-2021	April 24, 2021	Prof. A. Patra Prof. Punjan Dohare	
		7	Electrical Machines	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. P. Bansal Prof. Nipun Gupta	
	DE-2 (VI Semester)	8	Biomedical Signal Processing	12 Weeks	Jänner 18, 2021	04-09-2021	April 24, 2021	Dr. A.K. Wadhvani Prof. Punjan Dohare	
		1	Waste to Energy Conversion	08 Weeks	Jänner 18, 2021	03-12-2021	März 21, 2021	Prof. Kuldeep Swarnkar Prof. Bhavna Rathore	
	Honor Specialization (VI Semester)	2	Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems	08 Weeks	Jänner 18, 2021	03-12-2021	März 21, 2021	Prof. Vishal Chaudhary Prof. Shweta Kumari	
		1	The Joy of Computing using Python	12 Weeks	Jänner 18, 2021	04-09-2021	April 24, 2021	Prof. Rahul Sagwal	
		2	Introduction to Robotics	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. A. Patra Dr. Vikram	
		3	Linear Dynamical Systems	08 Weeks	Jänner 18, 2021	03-12-2021	März 21, 2021	Prof. S. P. Singh	
		4	Fundamentals of semiconductor devices	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Dr. H.M. Dubey Prof. Manoj Kumar	
		5	Non-Conventional Energy Resources	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. Vishal Chaudhary Prof. S. kumar Rajput	
		6	Power System Dynamics, Control and Monitoring	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Dr. S. Dixit Prof. Rahul Sagwal	
		7	Sensors and Actuators	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Dr. A.K. Wadhvani Prof. Aprajita Kumari	
		8	Robotics and Control: Theory and Practice	8 Weeks	Jänner 18, 2021	03-12-2021	März 21, 2021	Dr. S. Wadhvani Dr. Vikram	
	Minor Specialization (VI Semester)	9	Biomedical Signal Processing	12 Weeks	Jänner 18, 2021	04-09-2021	April 24, 2021	Dr. A.K. Wadhvani Prof. Punjan Dohare	
		1	Fundamentals of semiconductor devices	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Dr. H. M. Dubey Prof. Manoj Kumar	
		2	Power System Engineering	12 Weeks	Jänner 18, 2021	04-09-2021	April 24, 2021	Dr. S. Dixit Prof. Rahul Sagwal	
		3	Non-Conventional Energy Resources	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. Vishal Chaudhary Prof. Saurabh kumar Rajput	
4		Fundamental of Power Electronics	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Dr. H. M. Dubey Prof. Manoj Kumar		
5		Principles of Signals and Systems	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. Kuldeep Swarnkar Dr. Vikram		
6		Control engineering	12 Weeks	Jänner 18, 2021	04-09-2021	April 24, 2021	Prof. A. Patra Prof. Punjan Dohare		
7		Electrical Machines	12 Weeks	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. P. Bansal Prof. Nipun Gupta		
Mechanical Engineering	DE-5 (VIII Semester)	8	Biomedical Signal Processing	12 Weeks	Jänner 18, 2021	04-09-2021	April 24, 2021	Dr. A.K. Wadhvani Prof. Punjan Dohare	
		1	Quality Design and Control	12 Weeks	18 Jan 2021	April 9, 2021	25 Apr 2021	Mr. V. Chaturvedi	
		2	Robotics: Basics and Selected Advanced Concepts	12 Weeks	18 Jan 2021	April 9, 2021	24 Apr 2021	Mr. Neeraj Mishra	
	Honor Specialization (VI Sem)	3	Steam and Gas Power Systems	08 Weeks	Februar 15, 2021	April 9, 2021	April 25, 2021	Mr. Puneet Nema	
		1	.Conduction and convection heat transfer	12 Weeks	Jänner 18, 2021	April 9, 2021	April 24, 2021	Mr. Sarvesh Yadav	
		2	Failure analysis and prevention	8 Weeks	Februar 15, 2021	April 9, 2021	April 25, 2021	Mr Ajay Rajput	
	Minor Specilization (VI Sem)	3	Six sigma	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Dr Manish Sagar	
		1	Introduction to fluid mechanics	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Dr Amrat Dhamaniya	
	DE-2 (VI Semester)	2	Operation Management	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Dr Vikash Yadav	
		1	Viscous Fluid Flow	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Mr. U. Shrivastava	
		2	Fundamental of Welding Science and Technology	8 Weeks	Jänner 18, 2021	März 12, 2021	März 21, 2021	Mr. S. F. Ahmad	
	Honor Specialization (VIII Sem)	3	Properties of Materials (Nature and Properties of Materials : III)	8 Weeks	Februar 15, 2021	April 9, 2021	April 25, 2021	Dr. J. Vimal	
		1	Fundamentals of Nuclear Power Generation	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Prof Vaibhav Gupta	
		2	. Mechanics of Human Movement	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Prof Sumeet singh	
		3	. Processing of Polymers and Polymer Composites	8 Weeks	Jänner 18, 2021	März 12, 2021	März 21, 2021	Prof Dhruv Maggu	
	Minor Specialization (VIII Sem)	4	Computer integrated Manufacturing	12 weeks	Jänner 18, 2021	April 9, 2021	April 24, 2021	Dr.C.S Malvi	
		1	Computational Fluid Dynamics for Incompressible Flows	12 Weeks	Jänner 18, 2021	April 9, 2021	April 24, 2021	Dr M.K Gaur	
		2	Mechanics of Machining	8 Weeks	Jänner 18, 2021	März 12, 2021	März 21, 2021	Prof R.P Kori	
	Automobile Engineering	DE-5 (VIII SEM)	1	Wheeled Mobile Robots	8 Weeks	Jänner 18, 2021	März 12, 2021	März 21, 2021	Dr. D. Jain
			2	Steam and Gas Power Systems	08 Weeks	Februar 15, 2021	April 9, 2021	April 25, 2021	Mr. Puneet Nema
3			Design, Technology and Innovation	8 Weeks	Februar 15, 2021	April 9, 2021	April 24, 2021	Prof SharadAgarwal	
Honor Specialization (VI Sem)		1	Conduction and convection heat transfer	12 Weeks	Jänner 18, 2021	April 9, 2021	April 24, 2021	Mr. Sarvesh Yadav	
		2	Failure analysis and prevention	8 Weeks	Februar 15, 2021	April 9, 2021	April 25, 2021	Mr Ajay Rajput	
		3	Six sigma	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Dr Manish Sagar	
Minor Specilization (VI Sem)		1	Introduction to fluid mechanics	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Dr Amrat Dhamaniya	
		2	Operation Management	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Dr Vikash Yadav	
DE-2		1	Viscous Fluid Flow	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Mr. B. Pandey	

	(VI Semester)	2	Robotics and Control: Theory and Practice	8 Weeks	Jänner 18, 2021	März 12, 2021	März 21, 2021	Mr. K. K. Yadav	
		3	Fundamental of Automotive System	12 Weeks	Jänner 18, 2021	April 9, 2021	April 24, 2021	Mr. S. Shrivastava	
	Honor Specialization (VIII Sem)	1	Fundamentals of Nuclear Power Generation	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Prof Vaibhav Gupta	
		2	. Mechanics of Human Movement	12 Weeks	Jänner 18, 2021	April 9, 2021	April 25, 2021	Prof Sumeet singh	
	Minor Specialization (VIII Sem)	3	. Processing of Polymers and Polymer Composites	8 Weeks	Jänner 18, 2021	März 12, 2021	März 21, 2021	Prof Dhruv Maggu	
		1	Computational Fluid Dynamics for Incompressible Flows	12 Weeks	Jänner 18, 2021	April 9, 2021	April 24, 2021	Dr M.K Gaur	
Civil Engineering	DE-5 (VIII SEM)	2	Introduction to Accounting & Finance for Civil Engineers	8	Jän 18, 2021	12 Mar 2021	Mär 21, 2021	Dr.R. Kansal	
		3	Water Supply Engineering	12	Jän 18, 2021	9 Apr 2021	Apr 25,2021	Dr. M.K. Trivedi	
		1	Geology & Soil Mechanics	12	Jän 18, 2021	9 Apr 2021	Apr 25,2021	Prof. Shashank Sharma	
	Honor Specialization (VI Sem)	2	Structural Dynamics	12	Jän 18, 2021	9 Apr 2021	Apr 25,2021	Prof. Shivam Gupta	
		3	Urban Transportation Systems Planning	12	Jän 18, 2021	9 Apr 2021	Apr 25,2021	-	
		1	Introduction to Civil Engg. Profession	8	Jän 18, 2021	12 Mar 2021	Mär 21, 2021	Prof. A.K. Saxena	
	Minor Specilization (VI Sem)	2	Hydraulic Engineering	12	Jän 18, 2021	9 Apr 2021	Apr 24,2021	Dr. R. Kansal	
		3	Water & Waste water Treatment	12	Jän 18, 2021	9 Apr 2021	Apr 25,2021	Prof. D. rastogi	
		1	Maintenance & Repair of Concrete Structures	12	Jän 18, 2021	9 Apr 2021	Apr 24,2021	Dr. Pankaj Kumar	
	DE-2 (VI Semester)	2	Geotechnical Engg. - II (Foundation Engg.)	12	Jän 18, 2021	9 Apr 2021	Apr 25,2021	Prof. Shashank Sharma	
		1	Rock Engineering	12	Jän 18, 2021	9 Apr 2021	Apr 25,2021	Dr. pratibha singh	
	Honor Specialization (VIII Sem)	2	Development & Application of Special Concretes	8	Jän 18, 2021	12 Mar 2021	Mär 21, 2021	Dr. Pankaj Kumar	
		3							
		1	Strategies for Sustianable Design	12	Jän 18, 2021	9 Apr 2021	Apr 25,2021	Dr. R. Kansal	
	Minor Specialization (VIII Sem)	2	Waste to Energy Conversion	8	Jän 18, 2021	12 Mar 2021	Mär 21, 2021	Prof. Aditya Kr. Agarwal	
		1	Social Networks	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Sneha Garg	
	Computer Science Engineering	DE-5 (VIII SEM)	2	Privacy & security in online social media	8	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof.Ashishika Singh
			1	User-centric computing for Human-Computer Interaction	8	Jän 18, 2021	25 Jän 2021	Mär 21, 2021	Prof. Jaimala Jha
Honor Specialization (VIII Sem)		2	Reinforcement Learning	12	Jän 18, 2021	25 Jän 2021	Apr 24, 2021	Dr. Manish Dixit	
		3	Information Security-5-Secure Systems Engineering	8	Jän 18, 2021	25 Jän 2021	Mär 21, 2021	Prof. Amit k. Manjhvar	
Minor Specilization (VIII Sem)		1	Foundations of Cryptography	12	Jän 18, 2021	25 Jän 2021	Apr 24, 2021	Dr. Rajni Ranjan Singh	
		2	Introduction to Machine Learning	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Mahesh Parmar	
		3	GPU Architecture and Programming	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Khushboo Agarwal	
DE-2 (VI Semester)		1	Data Analytics with Python	12	Jän 18, 2021	25 Jän 2021	Apr 24, 2021	Dr. Rajni Ranjan Singh, Prof. Kritika Sharma	
		2	Introduction to Machine Learning	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Khushboo Agrawal, Prof.Lav Upadhyay	
		3	An Introduction to Artificial Intelligence	12	Jän 18, 2021	25 Jän 2021	Apr 24, 2021	Prof.Jaimala Jha	
Honor Specialization (VI Sem)		1	GPU Architecture and Programming	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof.Jaimala Jha	
		2	Privacy and Security in online social media	8	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Jamvant Kumare	
		3	Computational Complexity Theory	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Aishwarya	
Minor Specialization (VI Sem)		1	Design and analysis of algorithms	8	Jän 18, 2021	25 Jän 2021	Mär 21, 2021	Dr. Raini Ranjan Singh	
		2	Programming data structures and algorithms using python	8	Jän 18, 2021	25 Jän 2021	Mär 21, 2021	Prof. Arun Kumar	
		3	Programming in java	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Amit k. Manjhvar	
		DE-5 (VIII SEM)	1	Social Networks	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Abhilash Sonker, Prof. Namrata Agrawal
			2	Privacy and Security in Online Social Media	8	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Vikas Sejwar, Prof. Vishwas Srivastava
	Honor Specialization (VIII Sem)	1	User-centric Computing for Human-Computer Interaction	8	Jän 18, 2021	25 Jän 2021	Mär 21, 2021	Prof. Abhilash Sonker, Prof. Namrata Agarwal	
		2	Reinforcement Learning	12	Jän 18, 2021	25 Jän 2021	Apr 24, 2021	Prof. Vikas Sejwar, Prof. Shweta Patel	
		3	Information Security - 5 - Secure Systems Engineering	8	Jän 18, 2021	25 Jän 2021	Mär 21, 2021	Prof. Neha Bhardwaj, Prof. Santosh Sahu	

Information Technology	Minor Specilization (VIII Sem)	1	Foundations of Cryptography	12	Jän 18, 2021	25 Jän 2021	Apr 24, 2021	Prof. Neha Bhardwaj, Prof. Santosh Sahu
		2	Introduction to Machine Learning	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Dr. Sanjiv Sharma, Prof. Dheeraj Gurjar
	DE-2 (VI Semester)	1	Data Analytics with Python	12	Jän 18, 2021	25 Jän 2021	Apr 24, 2021	Prof. Abhilash Sonker, Prof. Dheeraj Gurjar
		2	Introduction to Machine Learning	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Dr. Sanjiv Sharma, Prof. Dheeraj Gurjar
		3	Artificial Intelligence: Knowledge Representation And Reasoning	12	Jän 18, 2021	25 Jän 2021	Apr 24, 2021	Prof. Neha Bhardwaj, Prof. Santosh Sahu
	Honor Specialization (VI Sem)	1	GPU Architectures and Programming	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Abhilash Sonker, Prof. Namrata Agarwal
		2	Privacy and Security in Online Social Media	8	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Rajeev K. Singh, Prof. Abhishek Dixit
		3	Introduction to Industry 4.0 and Industrial Internet of Things	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Prof. Vikas Sejwar, Prof. Shweta Patel
	Minor Specialization (VI Sem)	1	Design and analysis of algorithms	8	Jän 18, 2021	25 Jän 2021	Mär 21, 2021	Prof. Punit Kumar Johari, Prof. Abhishek Dixit
		2	Programming, Data Structures And Algorithms Using Python	8	Jän 18, 2021	25 Jän 2021	Mär 21, 2021	Prof. Punit K. Johari, Prof. Dheeraj Gurjar
3		Programming in Java	12	Jän 18, 2021	25 Jän 2021	Apr 25, 2021	Dr. Sanjiv Sharma, Prof. Vishwas Srivastava	
Chemical Engineering	DE-5 (VIII SEM)	1	Optimization in Chemical Engg.	12 Week	Jänner 18, 2021	04-09-2021	April 24, 2021	Prof. Swati Gupta
		2	Waste to Energy Conversion	8 Week	Jänner 18, 2021	03-12-2021	März 21, 2021	Dr. A.N Sarve
		3	Biomass Conversion and Biorefinery	12 Week	Jänner 18, 2021	04-09-2021	April 9, 2021	Prof. Pratap Singh
	Honor Specialization (VIII Sem)	1	Computer Aided Applied Single Objective Optimization	12 Week	Jänner 18, 2021	04-09-2021	April 24, 2021	Prof. Pratap Singh
		2	Model Predictive Control: Theory and Applications	12 Week	Jänner 18, 2021	April 9, 2021	April 24, 2021	Prof. Anish P.Jacob
		3	Advanced Thermodynamics and Molecular Simulations	12 Week	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. Swati Gupta
		4	Introduction to Uncertainty Analysis and Experimentation	8 Week	Jänner 18, 2021	03-12-2021	März 21, 2021	Prof. Sulochana Nagar
	Minor Specilization (VIII Sem)	1	Transport Processes I: Heat and Mass Transfer	12 Week	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. Anish P.Jacob
		2	Chemical Engineering Thermodynamics	12 Week	Jänner 18, 2021	04-09-2021	April 24, 2021	Prof. Pratap Singh
		3	Chemical Process Instrumentation	12 Week	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. Sulochana Nagar
	DE-2 (VI Semester)		Chemical Reaction Engg. -II	12 Week	Jänner 18, 2021	04-09-2021	April 24, 2021	Prof. Swati Gupta
			Multiphase Flow	8 Week	Jänner 18, 2021	03-12-2021	März 21, 2021	Prof. Sulochana Nagar
			Membrane Technology	12 Week	Jänner 18, 2021	04-09-2021	April 24, 2021	Prof. Anish P. Jacob
	Honor Specialization (VI Sem)	1	Environmental Quality Monitoring & Analysis	12 Week	Jänner 18, 2021	04-09-2021	April 24, 2021	Dr. R.K.Dubey
		2	Electrochemical Technology in Pollution Control	8 Week	Jänner 18, 2021	03-12-2021	März 21, 2021	Prof. Swati Gupta
3		Soft Nano Technology	8 Week	Jänner 18, 2021	03-12-2021	März 21, 2021	Prof. Anish P. Jacob	
Minor Specialization (VISem)	1	Process Control - Design, Analysis and Assessment	12 Week	Jänner 18, 2021	04-09-2021	April 25, 2021	Prof. Swati Gupta	
	2	Membrane Technology	12 Week	Jänner 18, 2021	04-09-2021	April 24, 2021	Prof. Anish P. Jacob	
	3	Basic Principles and Calculations in Chemical Engineering	12 Week	Jänner 18, 2021	04-09-2021	April 25, 2021	Dr. A.N Sarve	
Biotechnology Engineering	DE-5 (VIII SEM)	1	Medical Biomaterials	08 weeks	Feb 15, 2021	Apr 9, 2021	Apr 24, 2021	Prof. Shikha Jha
		2	Bioreactor Design and Analysis	08 weeks	Jän 18, 2021	Mär 12, 2021	Mär 21, 2021	
		3						
	DE-2 (VI Semester)		Interactomics : Basics & Applications	12 weeks	Jänner 18, 2021	April 9, 2021	April 24, 2021	Prof. Shikha Jha
			Biostatistics and Design of experiments	08 weeks	Jän 18, 2021	Mär 12, 2021	Mär 21, 2021	Prof. Vishal Ranjan
	Honor Specialization (VI Sem)	1	BioInformatics: Algorithms and Applications	12 weeks	Jän 18, 2021	April 9, 2021	April 25, 2021	
2		Computational Systems Biology	12 weeks	Jän 18, 2021	April 9, 2021	April 24, 2021		
3		Aspect of Biochmeical Engineering	12 week	Jänner 18, 2021	04-09-2021	April 24, 2021		