

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

List of offered Department Elective/Open Category/Minor courses for UG VI and VIII semester for session Jan-June 2024

Name of	Category	S.No.	Full Name of Course	Weeks	Start Date	End Date	Exam Date	Mentor of our	Link of course from SWAYAM
Electronics Engineering	DE-5 (VIII Semester) online	1	Photonic integrated circuit	12	22/01/2024	12/4/2024	20/04/2024	Dr. Hemant Chaubey	https://onlinecourses.nptel.ac.in/noc24_ee07/preview
		2	Fundamental of Power Electronics	12	22/01/2024	12/4/2024	27/04/2024	Dr. Varun Sharma	https://onlinecourses.nptel.ac.in/noc24_ee07/preview
		3	Biomedical Signal Processing	12	22/01/2024	12/4/2024	20/04/2024	Dr. Shubhi Kansal	https://onlinecourses.nptel.ac.in/noc24_ee49/preview
	Minor Specilization (VIII Semester) Control & Sensor Technology	1	Control System Design	12	22/01/2024	12/4/2024	27/04/2024	Dr. R. P. Narwaria	https://onlinecourses.nptel.ac.in/noc24_ee65/preview
		2	Optical Fiber Sensors	12	22/01/2024	12/4/2024	27/04/2024	Dr. Karuma Markam	https://onlinecourses.nptel.ac.in/noc24_ee23/preview
	Minor Specilization (VIII Semester) Communication & Signal Processing	1	Signal Processing Techniques and its Applications	12	22/01/2024	12/4/2024	21/04/2024	Prof. D. K. Parsediya	https://onlinecourses.nptel.ac.in/noc24_ee76/preview
		2	Computer Vision and Image Processing - Fundamentals and	12	22/01/2024	12/4/2024	20/04/2024	Dr. Shubhi Kansal	https://onlinecourses.nptel.ac.in/noc24_ee38/preview
	DE-1 (VI Semester) online	1	Electromagnetic Waves in Guided and Wireless Media	8	22/01/2024	15/03/2024	23/03/2024	Dr. Laxmi Shrivastava	https://onlinecourses.nptel.ac.in/noc24_ee31/preview
		2	Digital IC Design	12	22/01/2024	12/4/2024	21/04/2024	Dr. Vikas Mahor	https://onlinecourses.nptel.ac.in/noc24_ee43/preview
		3	Fuzzy Sets, Logic and Systems & Applications	12	22/01/2024	12/4/2024	20/04/2024	Dr. Hemant Chaubey	https://onlinecourses.nptel.ac.in/noc24_ee32/preview
	Minor Specilization (VI Semester) Control & Sensor Technology	1	Microprocessors and Microcontrollers	12	22/01/2024	12/4/2024	21/04/2024	Dr. Vandana V. Thakare	https://onlinecourses.nptel.ac.in/noc24_ee46/preview
		2	Network Analysis	12	22/01/2024	12/4/2024	21/04/2024	Dr. R. P. Narwaria	https://onlinecourses.nptel.ac.in/noc24_ee58/preview
Minor Specilization (VI Semester) Communication & Signal Processing	1	Communication Networks	12	22/01/2024	12/4/2024	28/04/2024	Prof. Madhav Singh	https://onlinecourses.nptel.ac.in/noc24_ee71/preview	
	2	Fundamentals Of MIMO Wireless Communication	8	22/01/2024	15/03/2024	23/03/2024	Prof. Pooja Sahoo	https://onlinecourses.nptel.ac.in/noc24_ee72/preview	
Electronics Telecommunication Engineering	DE-5 (VIII Semester) online	1	Power Management Integrated Circuits	12	22/01/2024	12/4/2024	27/04/2024	Dr. Vikas Mahor	https://onlinecourses.nptel.ac.in/noc24_ee24/preview
		2	Fundamental of Power Electronics	12	22/01/2024	12/4/2024	27/04/2024	Dr. Varun Sharma	https://onlinecourses.nptel.ac.in/noc24_ee07/preview
		3	Biomedical Signal Processing	12	22/01/2024	12/4/2024	20/04/2024	Dr. Shubhi Kansal	https://onlinecourses.nptel.ac.in/noc24_ee49/preview
	Minor Specilization (VIII Semester) Control & Sensor Technology	1	Control System Design	12	22/01/2024	12/4/2024	27/04/2024	Dr. R. P. Narwaria	https://onlinecourses.nptel.ac.in/noc24_ee65/preview
		2	Optical Fiber Sensors	12	22/01/2024	12/4/2024	27/04/2024	Dr. Karuma Markam	https://onlinecourses.nptel.ac.in/noc24_ee23/preview
	Minor Specilization (VIII Semester) Communication & Signal Processing	1	Signal Processing Techniques and its Applications	12	22/01/2024	12/4/2024	21/04/2024	Prof. D. K. Parsediya	https://onlinecourses.nptel.ac.in/noc24_ee76/preview
		2	Computer Vision and Image Processing - Fundamentals and	12	22/01/2024	12/4/2024	20/04/2024	Dr. Shubhi Kansal	https://onlinecourses.nptel.ac.in/noc24_ee38/preview
	DE-1 (VI Semester) online	1	An Introduction to Information Theory	8	22/01/2024	15/03/2024	23/03/2024	Prof. Pooja Sahoo	https://onlinecourses.nptel.ac.in/noc24_ee47/preview
		2	Fuzzy sets, logic and System & Applications	12	22/01/2024	12/4/2024	20/04/2024	Dr. Hemant Chaubey	https://onlinecourses.nptel.ac.in/noc24_ee32/preview
		3	Digital IC Design	12	22/01/2024	12/4/2024	21/04/2024	Dr. Vikas Mahor	https://onlinecourses.nptel.ac.in/noc24_ee43/preview
	Honors (VI Semester) Communication & Signal Processing	1	Principles of Signals and Systems	12	22/01/2024	12/4/2024	28/04/2024	Dr. Rahul Dubey	https://onlinecourses.nptel.ac.in/noc24_ee36/preview
		2	Communication Networks	12	22/01/2024	12/4/2024	28/04/2024	Prof. Madhav Singh	https://onlinecourses.nptel.ac.in/noc24_ee71/preview
Minor Specilization (VI Semester) Control & Sensor Technology	1	Microprocessors and Microcontrollers	12	22/01/2024	12/4/2024	21/04/2024	Dr. Vandana V. Thakare	https://onlinecourses.nptel.ac.in/noc24_ee46/preview	
	2	Network Analysis	12	22/01/2024	12/4/2024	21/04/2024	Dr. R. P. Narwaria	https://onlinecourses.nptel.ac.in/noc24_ee58/preview	
Minor Specilization (VI Semester) Communication & Signal Processing	1	Communication Networks	12	22/01/2024	12/4/2024	28/04/2024	Prof. Madhav Singh	https://onlinecourses.nptel.ac.in/noc24_ee71/preview	
	2	Fundamentals of MIMO Wireless Communication	8	22/01/2024	15/03/2024	23/03/2024	Prof. Pooja Sahoo	https://onlinecourses.nptel.ac.in/noc24_ee72/preview	
Civil Engineering	DE-5 (VIII Semester) online	1	Introduction to Civil Engineering Profession (110861)	8 Weeks	January 22, 2024	March 15, 2024	March 23, 2024	Dr. S.K. Jain	https://onlinecourses.nptel.ac.in/noc24_ee45/preview
		2	Plastic Waste Management (110862)	8 Weeks	January 22, 2024	March 15, 2024	March 24, 2024	Prof. A.K. Saxena	https://onlinecourses.nptel.ac.in/noc24_ee25/preview
		3	Expansive Soil (110863)	8 Weeks	January 22, 2024	March 15, 2024	March 23, 2024	Dr. M.K. Trivedi	https://onlinecourses.nptel.ac.in/noc24_ee12/preview
	Minor Specilization (VIII Semester) online	1	Strategies for Sustainable Design (M110801)	12 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	----	https://onlinecourses.nptel.ac.in/noc24_de01/preview
		2	Rural Water Resources Management (M110802)	12 Weeks	January 22, 2024	April 12, 2024	April 21, 2024	----	https://onlinecourses.nptel.ac.in/noc24_ee30/preview
		3	Structural Analysis-I (M110803)	12 Weeks	January 22, 2024	April 12, 2024	April 28, 2024	----	https://onlinecourses.nptel.ac.in/noc24_ee31/preview
		4	Concrete Technology (M110804)	12 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	----	https://onlinecourses.nptel.ac.in/noc24_ee46/preview
		5	Hydraulic Engineering (M110601)	12 Weeks	January 22, 2024	April 12, 2024	April 20, 2024	----	https://onlinecourses.nptel.ac.in/noc24_ee20/preview
	DE-1 (VI Semester) online	1	Water and waste water treatment (M110602)	12 Weeks	January 22, 2024	April 12, 2024	April 20, 2024	----	https://onlinecourses.nptel.ac.in/noc24_ee39/preview
		2	Geotechnical Engineering II Foundation Engineering (110661)	12 Weeks	January 22, 2024	April 12, 2024	April 20, 2024	Dr. Hemant Shrivastava	https://onlinecourses.nptel.ac.in/noc24_ee19/preview
		3	Concrete Technology (110662)	12 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Sanjay Tiawri	https://onlinecourses.nptel.ac.in/noc24_ee46/preview
	Minor Specilization (VI Semester)	1	Air pollution and Control (110663)	12 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Prachi Singh	https://onlinecourses.nptel.ac.in/noc24_ee03/preview
2		Hydraulic Engineering (M110601)	12 Weeks	January 22, 2024	April 12, 2024	April 20, 2024	----	https://onlinecourses.nptel.ac.in/noc24_ee20/preview	
Minor Specilization (VI Semester)	1	Water and waste water treatment (M110602)	12 Weeks	January 22, 2024	April 12, 2024	April 20, 2024	----	https://onlinecourses.nptel.ac.in/noc24_ee39/preview	
	2	Hydraulic Engineering (M110601)	12 Weeks	January 22, 2024	April 12, 2024	April 20, 2024	----	https://onlinecourses.nptel.ac.in/noc24_ee20/preview	
Electrical Engineering	DE-5 (VIII Semester) online	1	State space Approach to Control System Analysis and Design	12 Weeks	January 22, 2024	April 12, 2024	April 20, 2024	Dr. Vikram	https://onlinecourses.nptel.ac.in/noc24_ee62/preview
		2	Smart Grid: Basics to Advanced Technologies	12 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Himmat Singh	https://onlinecourses.nptel.ac.in/noc24_ee37/preview
		3	EV - Vehicle Dynamics and Electric Motor Drives	08 Weeks	January 22, 2024	March 15, 2024	March 23, 2024	Prof. Vishal Chaudhary	https://onlinecourses.nptel.ac.in/noc24_ee30/preview
		4	Design Of Power Electronic converters	08 Weeks	February 19, 2024	April 12, 2024	April 20, 2024	Dr. Ankit Tiwari	https://onlinecourses.nptel.ac.in/noc24_ee39/preview
	Minor Specilization (VIII Semester) online	1	Renewable Energy Engineering: Solar, Wind And Biomass Energy Sy	12 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	Prof. Kuldeep Kurn Swarnkar	https://onlinecourses.nptel.ac.in/noc24_ch26/preview
		2	Power System Engineering	12 Weeks	January 22, 2024	April 12, 2024	April 28, 2024	Dr. Shishi Dixit	https://onlinecourses.nptel.ac.in/noc24_ee61/preview
		3	Fundamentals of Power Electronics	12 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	Prof. Manoj Kumar	https://onlinecourses.nptel.ac.in/noc24_ee07/preview
		4	Principles of Signals and Systems	12 Weeks	January 22, 2024	April 12, 2024	April 28, 2024	Prof. Kuldeep Kurn Swarnkar	https://onlinecourses.nptel.ac.in/noc24_ee36/preview
		5	Control engineering	12 Weeks	January 22, 2024	April 12, 2024	April 20, 2024	Prof. Ashis Patra	https://onlinecourses.nptel.ac.in/noc24_ee15/preview
		6	Sensors and Actuators	08 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Ankit Tiwari	https://onlinecourses.nptel.ac.in/noc24_ee45/preview
	DE-1 (VI Semester) online	1	Network Analysis	12 Weeks	January 22, 2024	April 12, 2024	April 21, 2024	Prof. Vishal Chaudhary	https://onlinecourses.nptel.ac.in/noc24_ee58/preview
		2	Design Of Power Electronic converters	08 Weeks	February 19, 2024	April 12, 2024	April 20, 2024	Prof. Manoj Kumar	https://onlinecourses.nptel.ac.in/noc24_ee39/preview
3		EV - Vehicle Dynamics and Electric Motor Drives	08 Weeks	January 22, 2024	March 15, 2024	March 23, 2024	Prof. Vishal Chaudhary	https://onlinecourses.nptel.ac.in/noc24_ee30/preview	
4		Non-conventional Energy Resources	12 Weeks	January 22, 2024	April 12, 2024	April 28, 2024	Dr. Nikhil Paliwal	https://onlinecourses.nptel.ac.in/noc24_ee24/preview	
Minor Specilization (VI Semester)	1	Renewable Energy Engineering: Solar, Wind And Biomass Energy Sy	12 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	Prof. Kuldeep Swarnkar	https://onlinecourses.nptel.ac.in/noc24_ch26/preview	
	2	Power System Engineering	12 Weeks	January 22, 2024	April 12, 2024	April 28, 2024	Dr. Shishi Dixit	https://onlinecourses.nptel.ac.in/noc24_ee61/preview	
Minor Specilization (VI Semester)	1	Fundamentals of Power Electronics	12 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	Prof. Manoj Kumar	https://onlinecourses.nptel.ac.in/noc24_ee07/preview	
	2	Fundamentals of Power Electronics	12 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	Prof. Manoj Kumar	https://onlinecourses.nptel.ac.in/noc24_ee07/preview	

	online	3	Principles of Signals and Systems	12 Weeks	January 22, 2024	April 12, 2024	April 28, 2024	Prof. Kuldeep Kumr Swarnkar	https://onlinecourses.nptel.ac.in/noc24_ee36/preview	
		4	Control engineering	12 Weeks	January 22, 2024	April 12, 2024	April 20, 2024	Prof. Ashis Patra	https://onlinecourses.nptel.ac.in/noc24_ee15/preview	
		5	Sensors and Actuators	08 Weeks	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Ankit Tiwari	https://onlinecourses.nptel.ac.in/noc24_ee45/preview	
AIR	DE-5 (VIII Semester) online	6	Network Analysis	12 Weeks	January 22, 2024	April 12, 2024	April 21, 2024	Prof. Vishal Chaudhary	https://onlinecourses.nptel.ac.in/noc24_ee58/preview	
		1	Reinforcement Learning	12	22-Jan-24	12-Apr-24	21-Apr-24	Dr. Mir Shah Nawaz	https://onlinecourses.nptel.ac.in/noc23_cs100/preview	
		2	Blockchain and its Applications	12	22-Jan-24	12-Apr-24	27-Apr-24	Dr. Shubha Mishra	https://onlinecourses.nptel.ac.in/noc23_cs47/preview	
	DE-1 (VI Semester) online	3	Natural Language Processing	12	22-Jan-24	12-Apr-24	28-Apr-24	Dr. Bhagat Raghuvanshi	https://onlinecourses.nptel.ac.in/noc23_cs80/preview	
		4	Embedded System Design with ARM	8	22-Jan-24	15-Mar-24	23-Mar-24	Dr. Pawan Dubey	https://onlinecourses.nptel.ac.in/noc22_cs93/preview	
		1	Embedded System Design With ARM	8	22-Jan-24	15-Mar-24	23-Mar-24	Dr. Pawan Dubey	https://onlinecourses.nptel.ac.in/noc24_me23/preview	
		2	Robotics: Basics and Selected Advanced Concepts	12	22-Jan-24	12-Apr-24	Apr 28, 202	Dr. Kritika Bansal	https://onlinecourses.nptel.ac.in/noc23_cs47/preview	
		3	Blockchain and its Applications	12	22-Jan-24	12-Apr-24	27-Apr-24	Dr. Vibha Tiwari	https://onlinecourses.nptel.ac.in/noc24_cs18/preview	
		4	Compiler Design	12	22-Jan-24	12-Apr-24	27-Apr-24	Dr. Shubha Mishra	https://onlinecourses.nptel.ac.in/noc24_cs53/preview	
		1	Data Science for Engineers	8	22-Jan-24	15-Mar-24	24-Mar-24	Dr. Bhagat Raghuvanshi	https://onlinecourses.nptel.ac.in/noc24_cs65/preview	
AI & DS	DE-1 (VI Semester) online	2	Business Intelligence & Analytics	12	22-Jan-24	12-Apr-24	27-Apr-24	Dr. Mir Shah Nawaz	https://onlinecourses.nptel.ac.in/noc23_cs47/preview	
		3	Blockchain and its Applications	12	22-Jan-24	12-Apr-24	27-Apr-24	Dr. Shubha Mishra	https://onlinecourses.nptel.ac.in/noc23_cs18/preview	
		4	Compiler Design	12	22-Jan-24	12-Apr-24	27-Apr-24	Dr. Shubha Mishra	https://onlinecourses.nptel.ac.in/noc23_cs08/preview	
		2	Artificial Intelligence: Knowledge Representation And	12	22-Jan-24	12-Apr-24	27-Apr-24	Mr. Arun Kumar	https://onlinecourses.nptel.ac.in/noc23_cs14/preview	
AIML	DE-1 (VI Semester) online	3	Blockchain and its Applications	12	22-Jan-24	12-Apr-24	27-Apr-24	Dr. Shubha Mishra	https://onlinecourses.nptel.ac.in/noc24_cs38/preview	
		4	Compiler Design	12	22-Jan-24	12-Apr-24	27-Apr-24	Dr. Shubha Mishra	https://onlinecourses.nptel.ac.in/noc24_cs18/preview	
Centre for IoT (Internet of things (IoT))	DE-5 (VIII Semester) online	1	Edge Computing	8	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	Dr. Nookala Venu	https://onlinecourses.nptel.ac.in/noc24_cs09/preview	
		2	Cloud Computing and Distributed Systems	8	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	Dr. Aditya Dubey	https://onlinecourses.nptel.ac.in/noc24_cs38/preview	
		3	Machine Learning for Engineering and science applications	12	Jan 22, 2024	April 12, 2024	April 20, 2024	Dr. Dhananjay Bisen	https://onlinecourses.nptel.ac.in/noc24_cs34/preview	
	Minor Specialization (VIII Semester) online	1	Introduction To Internet Of Things	12	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Bhavna Rathore	https://onlinecourses.nptel.ac.in/noc24_cs34/preview	
		2	Introduction To Industry 4.0 And Industrial Internet Of Things	12	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Praveen Bansal	https://onlinecourses.nptel.ac.in/noc24_cs08/preview	
		3	An Introduction to Artificial Intelligence	12	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024	Dr. Saurabh Rajput	https://onlinecourses.nptel.ac.in/noc24_cs51/preview	
		4	Introduction to Machine Learning	12	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Dhananjay Bisen	https://onlinecourses.nptel.ac.in/noc24_cs37/preview	
		5	Introduction To Soft Computing	8	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	Dr. Nookala Venu	https://onlinecourses.nptel.ac.in/noc24_cs34/preview	
	DE-1 (VI Semester)	Minor Specialization (VI Semester) online	1	Introduction To Industry 4.0 And Industrial Internet Of Things	8	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	Dr. Kaushal Pratap Sengar	https://onlinecourses.nptel.ac.in/noc24_cs26/preview
			2	Foundation of Cloud IoT Edge ML	8	Feb 19, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Bhavna Rathore	https://onlinecourses.nptel.ac.in/noc24_cs34/preview
1			Introduction To Internet Of Things	12	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Bhavna Rathore	https://onlinecourses.nptel.ac.in/noc24_cs34/preview	
2			Introduction To Industry 4.0 And Industrial Internet Of Things	12	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Praveen Bansal	https://onlinecourses.nptel.ac.in/noc24_cs08/preview	
3			An Introduction to Artificial Intelligence	12	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024	Dr. Saurabh Rajput	https://onlinecourses.nptel.ac.in/noc24_cs51/preview	
Centre for Internet of Things	DE-5 (VIII Semester) online	1	Sensors and Actuators	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 27, 2024	Dr. Bhavna Rathore	https://onlinecourses.nptel.ac.in/noc21_ee32/preview	
		2	Cloud Computing and Distributed Systems	8 Weeks	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	Dr. Murl Manohar	https://onlinecourses.nptel.ac.in/noc19_cs82/preview	
		3	Machine Learning for Engineering and science applications	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024	Dr. Saurabh Rajput	https://onlinecourses.nptel.ac.in/noc21_cs17/preview	
	Minor Specialization (VIII Semester) online	1	Introduction To Internet Of Things	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Bhavna Rathore	https://onlinecourses.nptel.ac.in/noc24_cs69/preview	
		2	Introduction To Industry 4.0 And Industrial Internet Of Things	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Praveen Bansal	https://onlinecourses.nptel.ac.in/noc24_cs08/preview	
		3	An Introduction to Artificial Intelligence	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024	Dr. Saurabh Rajput	https://onlinecourses.nptel.ac.in/noc24_cs51/preview	
		4	Introduction to Machine Learning	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Dhananjay Bisen	https://onlinecourses.nptel.ac.in/noc20_cs69/preview	
		5	Introduction To Soft Computing	8 Weeks	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	Dr. Nookala Venu	https://onlinecourses.nptel.ac.in/noc24_cs26/preview	
	Internet of Things	DE-1 (VI Semester) online	1	Foundation of Cloud IoT Edge ML	8 Weeks	Feb 19, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Yashwant Sawle	https://onlinecourses.nptel.ac.in/noc24_cs69/preview
			2	Introduction To Industry 4.0 And Industrial Internet Of Things	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Kaushal Pratap Sengar	https://onlinecourses.nptel.ac.in/noc24_cs66/preview
3			Edge Computing	8 Weeks	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	Dr. Gaurav	https://onlinecourses.nptel.ac.in/noc21_cs17/preview	
Code-EEIoT	Minor Specialization (VI Semester) online	1	Introduction To Internet Of Things	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Bhavna Rathore	https://onlinecourses.nptel.ac.in/noc20_cs69/preview	
		2	Introduction To Industry 4.0 And Industrial Internet Of Things	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Praveen Bansal	https://onlinecourses.nptel.ac.in/noc24_cs08/preview	
		3	An Introduction to Artificial Intelligence	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024	Dr. Saurabh Rajput	https://onlinecourses.nptel.ac.in/noc20_cs17/preview	
		4	Introduction to Machine Learning	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Dhananjay Bisen	https://onlinecourses.nptel.ac.in/noc24_cs17/preview	
		5	Introduction To Soft Computing	8 Weeks	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	Dr. Nookala Venu	https://onlinecourses.nptel.ac.in/noc24_cs01/preview	
		6								
Information Technology	DE-5 (VIII Semester) online	1	Foundations of Cryptography (160861)	12	January 22, 2024	April 12, 2024	April 20, 2024	Ms. Neha Bhardwaj	https://onlinecourses.nptel.ac.in/noc24_cs15/preview	
		2	Blockchain and its Applications (160862)	12	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Abhilash Sonkar	https://onlinecourses.nptel.ac.in/noc24_cs46/preview	
		3	Edge Computing (160863)	8	January 22, 2024	March 15, 2024	March 23, 2024	Mr. Vikas Sejwar	https://onlinecourses.nptel.ac.in/noc24_cs46/preview	
	Minor Specialization (VIII Semester) online	1	Selected Topics in Algorithms (IT0824M1)	12	January 22, 2024	April 12, 2024	April 20, 2024	Dr. Abhishek Dixit	https://onlinecourses.nptel.ac.in/noc24_cs19/preview	
		2	Computer Networks And Internet Protocol (IT0824M2)	12	January 22, 2024	April 12, 2024	April 20, 2024	Ms. Bulbul Agrawal	https://onlinecourses.nptel.ac.in/noc24_cs43/preview	
		3	Fuzzy Logic And Neural Networks (IT0824M3)	8	January 22, 2024	March 15, 2024	March 24, 2024	Dr. Vikram Rajpoot	https://onlinecourses.nptel.ac.in/noc24_cs43/preview	
		4	Programming in Java (IT0521M2)	12	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Vikram Rajpoot	https://onlinecourses.nptel.ac.in/noc24_cs23/preview	
		5	Programming, Data Structures and Algorithms Using Python (IT0620M2)	8	January 22, 2024	March 15, 2024	March 24, 2024	Dr. Saumil Maheshwari	https://onlinecourses.nptel.ac.in/noc24_cs35/preview	
		6	Design and analysis of algorithms (IT0621M1)	8	January 22, 2024	March 15, 2024	March 24, 2024	Dr. Abhishek Dixit	https://onlinecourses.nptel.ac.in/noc24_cs35/preview	
		7	Introduction To Internet Of Things (IT0723M2)	12	January 22, 2024	April 12, 2024	21 Apr 2024	Ms. Surbhi Gupta	https://onlinecourses.nptel.ac.in/noc24_cs55/preview	
		8	Introduction to Database Systems (IT0623M1)	12	January 22, 2024	April 12, 2024	21 Apr 2024	Dr. Saumil Maheshwari	https://onlinecourses.nptel.ac.in/noc24_cs35/preview	
	DE-1 (VI Semester) online	Minor Specialization (VI Semester) online	1	Introduction To Internet Of Things (160661)	12	January 22, 2024	April 12, 2024	21 Apr 2024	Ms. Surbhi Gupta	https://onlinecourses.nptel.ac.in/noc24_cs09/preview
			2	Foundation of Cloud IoT Edge ML (160664)	8	February 19, 2024	April 12, 2024	21 Apr 2024	Mr. Shubham Sharma	https://onlinecourses.nptel.ac.in/noc24_cs43/preview
			3	Cloud Computing and Distributed Systems (160665)	8	January 22, 2024	March 15, 2024	March 23, 2024	Dr. Punit Kumar Johari	https://onlinecourses.nptel.ac.in/noc24_cs43/preview
	Minor Specialization (VI Semester) online	Minor Specialization (VI Semester) online	1	Programming in Java (IT0521M2)	12	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Vikram Rajpoot	https://onlinecourses.nptel.ac.in/noc24_cs45/preview
			2	Programming, Data Structures and Algorithms in Python (IT0620M2)	8	January 22, 2024	March 15, 2024	March 24, 2024	Dr. Saumil Maheshwari	https://onlinecourses.nptel.ac.in/noc24_cs23/preview
3			Design and analysis of algorithms (IT0621M1)	8	January 22, 2024	March 15, 2024	March 24, 2024	Dr. Abhishek Dixit	https://onlinecourses.nptel.ac.in/noc24_cs55/preview	
4			Introduction to Database Systems (IT0623M1)	12	January 22, 2024	April 12, 2024	April 21, 2024	Dr. Saumil Maheshwari	https://onlinecourses.nptel.ac.in/noc24_cs55/preview	

Mechanical Engineering	DE-5 (VIII Semester) online	1	Quality Design and Control	12	22-Jan-24	12-Apr-24	20-Apr-24	Dr Sharad Aggarwal	https://onlinecourses.nptel.ac.in/noc24_me50/preview
		2	Robotics: Basics and Selected Advanced Concepts	12	22-Jan-24	12-Apr-24	28-Apr-24	Dr Neeraj Mishra	https://onlinecourses.nptel.ac.in/noc24_me23/preview
		3	Carbon Material and Manufacturing	12	22-Jan-24	12-Apr-24	21-Apr-23	Dr.Nitin Upadhayay	https://onlinecourses.nptel.ac.in/noc24_mm07/preview
	Minor Specialization (VIII Semester) online	1	Computational fluid Dynamics for incompressible flows	12	22-Jan-24	12-Apr-24	21-Apr-24	Dr M.K Gaur	https://onlinecourses.nptel.ac.in/noc24_me26/preview
		2	Mechanics of Machining	8	22-Jan-24	15-Mar-24	23-Mar-24	Dr Jyoti Vimal	https://onlinecourses.nptel.ac.in/noc24_me50/preview
		1	Fundamentals of Welding Science and Technology	8	22-Jan-24	15-Mar-24	23-Mar-24	Prof R.P Kori	https://onlinecourses.nptel.ac.in/noc24_me33/preview
	DE-1 (VI Semester) online	2	Properties of Materials (Nature and Properties of Material: III)	8	19-Feb-24	12-Apr-24	21-Apr-24	Dr Surendra Chourasiya	https://onlinecourses.nptel.ac.in/noc24_mm18/preview
		3	Viscous Fluid Flow	12	22-Jan-24	12-Apr-24	28-Apr-24	Prof B.K Pandey	https://onlinecourses.nptel.ac.in/noc24_me66/preview
		1	Fundamentals of Combustion	12	22-Jan-24	12-Apr-24	21-Apr-24	Prof B.K Pandey	https://onlinecourses.nptel.ac.in/noc24_me34/preview
Minor Specialization (VI Semester) online	2	Introduction to Mechanical Micro Machining	12	22-Jan-24	12-Apr-24	28-Apr-24	Prof Vedansh Chaturvedi	https://onlinecourses.nptel.ac.in/noc24_me42/preview	
	1	Fundamentals of Theoretical and Experimental Aerodynamics	12	22-Jan-24	12-Apr-24	27-Apr-24	Dr M.K Gaur	https://onlinecourses.nptel.ac.in/noc24_ae04/preview	
	2	Experimental stress Analysis	12	22-Jan-24	12-Apr-24	28-Apr-24	Prof Vaibhav Shivhare	https://onlinecourses.nptel.ac.in/noc24_me04/preview	
Automobile Engineering	DE-5 (VIII Semester) online	1	Theory and Practice of non destructive testing	8	22-Jan-24	15-Mar-24	24-Mar-24	Dr Surendra Chourasiya	https://onlinecourses.nptel.ac.in/noc24_mm14/
		2	Product Design and Manufacturing	12	22-Jan-24	12-Apr-24	20-Apr-24	Dr Amit Aherwar	https://onlinecourses.nptel.ac.in/noc24_me58/preview
		3	Automatic Control	8	22-Jan-24	15-Mar-24	24-Mar-24	Dr Neeraj Mishra	https://onlinecourses.nptel.ac.in/noc24_me06/preview
	Minor Specialization (VIII Semester) online	1	Computational fluid Dynamics for incompressible flows	12	22-Jan-24	12-Apr-24	21-Apr-24	Dr M.K Gaur	https://onlinecourses.nptel.ac.in/noc24_me26/preview
		2	Mechanics of Machining	8	22-Jan-24	15-Mar-24	23-Mar-24	Dr Jyoti Vimal	https://onlinecourses.nptel.ac.in/noc24_me50/preview
		1	Fundamentals of Automotive System	12	22-Jan-24	12-Apr-24	20-Apr-24	Prof A.S Rajput	https://onlinecourses.nptel.ac.in/noc24_de03/preview
	DE-1 (VI Semester) online	2	Viscous Fluid Flow	12	22-Jan-24	12-Apr-24	28-Apr-24	Prof B.K Pandey	https://onlinecourses.nptel.ac.in/noc24_me66/preview
		1	Fundamentals of Combustion	12	22-Jan-24	12-Apr-24	21-Apr-24	Prof B.K Pandey	https://onlinecourses.nptel.ac.in/noc24_me34/preview
		2	Introduction to Mechanical Micro Machining	12	22-Jan-24	12-Apr-24	28-Apr-24	Prof Vedansh Chaturvedi	https://onlinecourses.nptel.ac.in/noc24_me42/preview
MAC	DE-5 (VIII Semester) online	1	Reinforcement Learning	12	January 22, 2024	April 12, 2024	April 21, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_cs52/preview
		2	Edge Computing	8	January 22, 2024	March 15, 2024	March 23, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_cs66/preview
		3	Computer Aided Applied Single Objective Optimization	12	January 22, 2024	April 12, 2024	April 20, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_ch14/preview
	Minor Specialization (VIII Semester) online	1	Data Analytics with Python	12	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_cs20/preview
		2	Optimization from Fundamentals	12	January 22, 2024	April 12, 2024	April 21, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_me56/preview
		3	Introduction to Queueing Theory	12	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_ma28/preview
	DE-1 (VI Semester) online	1	Cloud Computing	12	January 22, 2024	April 12, 2024	April 20, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_cs17/preview
		2	Introduction to internet of things	12	January 22, 2024	April 12, 2024	April 21, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_cs35/preview
		3	GPU Architectures and Programming	12	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_cs30/preview
Minor Specialization (VI Semester) online	1	Advanced Linear Algebra	12	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_ma04/preview	
	2	Advanced Probability Theory	12	January 22, 2024	April 12, 2024	April 27, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_ma05/preview	
	3	Numerical Linear Algebra	12	January 22, 2024	April 12, 2024	April 28, 2024	Dr. Atul	https://onlinecourses.nptel.ac.in/noc24_ma35/preview	
Chemical Engineering	DE-5 (VIII Semester) online	1	Chemical Reaction Engg-II	12 Weeks	22-Jan-24	12-Apr-24	27-Apr-2024	Prof. Shivangi Sharma	https://onlinecourses.nptel.ac.in/noc24_ch11/preview
		2	Biomass Conversion and Biorefinery	12 Weeks	22-Jan-24	12-Apr-24	27-Apr-24	Prof. Anish P Jacob	https://onlinecourses.nptel.ac.in/noc24_ch07/preview
		3	Chemical Process Utilities	12 Weeks	22-Jan-24	12-Apr-24	27-Apr-24	Dr. Shourabh Singh Raghuvanshi	https://onlinecourses.nptel.ac.in/noc24_ch10/preview
	Minor Specialization (VIII Semester) online	1	Inorganic Chemical Technology	12 Weeks	22-Jan-24	12-Apr-24	20-Apr-2024	Dr. Shourabh Singh Raghuvanshi	https://onlinecourses.nptel.ac.in/noc24_ch33/preview
		2	Chemical Engineering Thermodynamics	12 Weeks	22-Jan-24	12-Apr-24	21-Apr-24	Prof. Swati Gupta	https://onlinecourses.nptel.ac.in/noc24_cs13/preview
		3	Momentum Transfer in Fluids	12 Weeks	22-Jan-24	12-Apr-24	21-Apr-24	Prof. Shivangi Sharma	https://onlinecourses.nptel.ac.in/noc24_ch19/preview
	DE-1 (VI Semester) online	1	Multiphase Flows	8 weeks	22-Jan-24	15-Mar-24	24-Mar-24	Prof. Swati Gupta	https://onlinecourses.nptel.ac.in/noc24_ch20/preview
		2	Membrane Technology	12 weeks	22-Jan-24	12-Apr-24	27-Apr-2024	Prof. Anish P Jacob	https://onlinecourses.nptel.ac.in/noc24_ch18/preview
		3	Physical and Electrochemical Characterizations in Chemical	8 weeks	22-Jan-24	15-Mar-24	24-Mar-24	Dr.R.K.Dubey	https://onlinecourses.nptel.ac.in/noc24_ch22/preview
Minor Specialization (VI Semester) online	1	Chemical Process Technology	12 Weeks	22-Jan-24	12-Apr-24	21-Apr-24	Dr. Shourabh Singh Raghuvanshi	https://onlinecourses.nptel.ac.in/noc24_ch09/preview	
	2	Membrane Technology	12 Weeks	22-Jan-24	12-Apr-24	27-Apr-2024	Prof. Anish P Jacob	https://onlinecourses.nptel.ac.in/noc24_ch18/preview	
	3	Basic Principles and Calculations in Chemical Engineering	12 Weeks	22-Jan-24	12-Apr-24	20-Apr-2024	Prof. Shivangi Sharma	https://onlinecourses.nptel.ac.in/noc24_ch05/preview	
CSE Engineering	DE-5 (VIII Semester) online	1	GPU Architecture and Programming (noc24-cs30) -12 week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 27, 2024	Prof.Amit Manjhar	https://onlinecourses.nptel.ac.in/noc24_cs30/preview
		2	Foundations of Cyber Physical Systems (noc24-cs27) -12 week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Prof.Jigyasha Mishra	https://onlinecourses.nptel.ac.in/noc24_cs27/preview
		3	Selected Topics in Algorithms(noc24-cs46)-12 week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024	Dr Ganesh Chandra	https://onlinecourses.nptel.ac.in/noc24_cs46/preview
	Minor Specialization (VIII Semester) online	1	An Introduction to Artificial Intelligence(noc24-cs08)-12week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024	Prof.Kratika Sharma	https://onlinecourses.nptel.ac.in/noc24_cs08/preview
		2	Introduction To Internet Of Things(noc24-cs35)-12 week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Prof. Aashi Singh Bhadouria	https://onlinecourses.nptel.ac.in/noc24_cs35/preview
		3	Introduction to Automata, Languages and Computation(noc24-cs32)	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024	Prof.Kratika Sharma	https://onlinecourses.nptel.ac.in/noc24_cs32/preview
	DE-1(CSE) (VI Semester) online	1	User-centric Computing For Human-Computer Interaction(noc24-cs31)	8 Week	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	Prof.Mona Pandey Sharma	https://onlinecourses.nptel.ac.in/noc24_cs50/preview
		2	Digital Design with Verilog (noc24-cs61)-12 week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Prof. Hemlata Arya	https://onlinecourses.nptel.ac.in/noc24_cs61/preview
		3	Getting Started with Competitive Programming (noc24-cs30)-12 week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Prof.Mahesh Parmar	https://onlinecourses.nptel.ac.in/noc24_cs29/preview
Minor Specialization(CSE+CSD) (VI Semester) online		1	Programming in Modern C++(noc24-cs44)-12week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 28, 2024	Prof. Ankita Sengar	https://onlinecourses.nptel.ac.in/noc24_cs44/preview
		2	Introduction To Internet Of Things(noc24-cs35)-12 week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Prof. Aashi Singh Bhadouria	https://onlinecourses.nptel.ac.in/noc24_cs35/preview
		3	Introduction to Automata, Languages and Computation(noc24-cs32)	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024	Prof.Kratika Sharma	https://onlinecourses.nptel.ac.in/noc24_cs32/preview
DE-1(CSD) (VI Semester) online		1	Microprocessor and Interfacing(noc24-EE40)-12 Week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024	Dr. Ranjeet Kumar Singh	https://onlinecourses.nptel.ac.in/noc24_ee06/preview
		2	Embedded Sensing, Actuation and Interfacing Systems(noc24-ee68)	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 28, 2024	Prof. Aashi Singh Bhadouria	https://onlinecourses.nptel.ac.in/noc24_ee68/preview
		3	Getting Started with Competitive Programming (noc24-cs30)-12 week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Dr. Gagandeep Kaur	https://onlinecourses.nptel.ac.in/noc24_cs29/preview
4	Integrated Circuits and Applications()-12 week(noc24-ee73)-12 week	12 Week	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	Prof. Hemlata Arya	https://onlinecourses.nptel.ac.in/noc24_ee73/preview		