

MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

List of offered Department Elective/Honor/Minor/Self study courses offered in V and VII semester for session July-Dec 2023

Name of Department	Category	S.No.	Full Name of Course	Weeks	Course Start Date	Course End Date	Exam Date	Mentor from our Institute	URL Link (Swayam Portal)
EE	Honor Specialization (V Sem)	1	Electrical Distribution System Analysis	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Vijay Bhuria	https://onlinecourses.nptel.ac.in/noc23_ee126/preview
		2	Power System Protection	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Prof. Rakesh Narvey	https://onlinecourses.nptel.ac.in/noc23_ee111/preview
		3	Power System Protection And Switchgear	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Nikhil Paliwal	https://onlinecourses.nptel.ac.in/noc23_ee125/preview
		4	Semiconductor Devices And Circuits	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Prof.Praveen Bansal	https://onlinecourses.nptel.ac.in/noc23_ee91/preview
		5	Microelectronics: Devices to Circuits	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Prof. Manoj	https://onlinecourses.nptel.ac.in/noc23_ee120/preview
		6	Linear System Theory	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Prof. Vikram	https://onlinecourses.nptel.ac.in/noc23_ee144/preview
		7	Transducers For Instrumentation	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Prof. Kuldeep K Swarnkar	https://onlinecourses.nptel.ac.in/noc23_ee105/preview
	Minor Specialization (V Sem)	1	Basic Electrical Circuits	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Prof. Vishal Chaudhary	https://onlinecourses.nptel.ac.in/noc23_ee81/preview
		2	Control Engineering	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Prof. AsishPatra	https://onlinecourses.nptel.ac.in/noc23_ee143/preview
		3	Electrical Machines - I	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Prof. Praveen Bansal	https://onlinecourses.nptel.ac.in/noc23_ee114/preview
		4	Electrical Measurement and Electronic Instruments	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Dr. Ankit Tiwari	https://onlinecourses.nptel.ac.in/noc23_ee112/preview
		5	Linear Systems Theory	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Dr. Vikram	https://onlinecourses.nptel.ac.in/noc23_ee144/preview
	Honor Specialization (VII Sem)	1	Electrical Distribution System Analysis	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Vijay Bhuria	https://onlinecourses.nptel.ac.in/noc23_ee126/preview
		2	Power System Protection	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Prof. Rakesh Narvey	https://onlinecourses.nptel.ac.in/noc23_ee111/preview
		3	Power System Protection And Switchgear	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Nikhil Paliwal	https://onlinecourses.nptel.ac.in/noc23_ee125/preview
		4	Semiconductor Devices And Circuits	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Prof.Praveen Bansal	https://onlinecourses.nptel.ac.in/noc23_ee91/preview
		5	Microelectronics: Devices to Circuits	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Prof. Manoj	https://onlinecourses.nptel.ac.in/noc23_ee120/preview
		6	Linear System Theory	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Prof. Vikram	https://onlinecourses.nptel.ac.in/noc23_ee144/preview
		7	Transducers For Instrumentation	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Prof. Kuldeep K Swarnkar	https://onlinecourses.nptel.ac.in/noc23_ee105/preview
	Minor Specialization (VII Sem)	1	Basic Electrical Circuits	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Prof. Vishal Chaudhary	https://onlinecourses.nptel.ac.in/noc23_ee81/preview
		2	Control Engineering	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Prof. AsishPatra	https://onlinecourses.nptel.ac.in/noc23_ee143/preview
		3	Electrical Machines - I	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Prof. Praveen Bansal	https://onlinecourses.nptel.ac.in/noc23_ee114/preview
		4	Electrical Measurement and Electronic Instruments	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Dr. Ankit Tiwari	https://onlinecourses.nptel.ac.in/noc23_ee114/preview
		5	Linear Systems Theory	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Dr. Vikram	https://onlinecourses.nptel.ac.in/noc23_ee144/preview
	DE-3 (VII SEM) Online	1	DC Microgrid and Control Systems	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Nikhil Paliwal	https://onlinecourses.nptel.ac.in/noc23_ee123/preview
2		Economic Operations and Control of Power Systems	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Dr. Himmat Singh	https://onlinecourses.nptel.ac.in/noc23_ee128/preview	
3		Sustainable Power Generation Systems	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Dr. Ankit Tiwari	https://onlinecourses.nptel.ac.in/noc23_ee47/preview	
DE-4 (VII SEM) Online	1	Digital Switching	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Kaushal P. Sengar	https://onlinecourses.nptel.ac.in/noc23_ee129/preview	
	2	Sensor Technologies: Physics, Fabrication, and Circuits	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Bhavna Rathore	https://onlinecourses.nptel.ac.in/noc23_ee95/preview	
	3	Discrete Time Signal Processing	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Vikram	https://onlinecourses.nptel.ac.in/noc23_ee132/preview	
EE IoT	Honor Specialization (V Sem)	1	Programming In Modern C++	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Dr. Murl Manohar	https://onlinecourses.nptel.ac.in/noc23_cs78/preview
		2	Data Structure And Algorithms Using Java	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Dr. Vikram	https://onlinecourses.nptel.ac.in/noc23_cs85/preview
		3	Introduction To Haskell Programming	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Bhavna Rathore	https://onlinecourses.nptel.ac.in/noc23_cs94/preview
		4	Programming, Data Structures And Algorithms Using Python	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Saurabh K. Rajput	https://onlinecourses.nptel.ac.in/noc23_cs95/preview
		5	Programming In Java	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Dr.Gaurav	https://onlinecourses.nptel.ac.in/noc23_cs74/preview
		6	Natural Language Processing	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Dr. Kaushal P Sengar	https://onlinecourses.nptel.ac.in/noc23_cs80/preview
	Honor Specialization (VII Sem)	1	Programming In Modern C++	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Dr. Murl Manohar	https://onlinecourses.nptel.ac.in/noc23_cs78/preview
		2	Data Structure And Algorithms Using Java	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Dr. Vikram	https://onlinecourses.nptel.ac.in/noc23_cs85/preview
		3	Introduction To Haskell Programming	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Bhavna Rathore	https://onlinecourses.nptel.ac.in/noc23_cs94/preview
		4	Programming, Data Structures And Algorithms Using Python	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Saurabh K. Rajput	https://onlinecourses.nptel.ac.in/noc23_cs95/preview
		5	Programming In Java	12 Weeks	July 24, 2023	October 13, 2023	October 29, 2023	Dr.Gaurav	https://onlinecourses.nptel.ac.in/noc23_cs74/preview
		6	Natural Language Processing	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Dr. Kaushal P Sengar	https://onlinecourses.nptel.ac.in/noc23_cs80/preview
	DE-3 (VII SEM) Online	1	Digital Switching	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Yashwant Sawle	https://onlinecourses.nptel.ac.in/noc23_ee129/preview
		2	Big Data Computing	8 Weeks	August 21, 2023	October 13, 2023	October 28, 2023	Dr. Kaushal P. Sengar	https://onlinecourses.nptel.ac.in/noc23_cs112/preview
		3	Deep Learning - IIT Ropar	12 Weeks	July 24, 2023	October 13, 2023	October 28, 2023	Dr. Saurabh K. Rajput	https://onlinecourses.nptel.ac.in/noc23_cs110/preview
	DE-4 (VII SEM) Online	1	Discrete Time Signal Processing	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Vikram	https://onlinecourses.nptel.ac.in/noc23_ee132/preview
		2	Theory Of Computation	8 Weeks	July 24, 2023	September 15, 2023	September 24, 2023	Dr. Murl Manohar	https://onlinecourses.nptel.ac.in/noc23_cs70/preview
	3	Google Cloud Computing Foundations	8 Weeks	August 21, 2023	October 13, 2023	October 29, 2023	Dr. Gaurav Khare	https://onlinecourses.nptel.ac.in/noc23_cs90/preview	
EC	Honor Specialization (V Sem)	1	Principles and Techniques of Modern Radar Systems	12	24-Jul-23	13-Oct-23	28-Oct-23	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc23_ee133/preview
		2	Hardware modeling using Verilog	8	24-Jul-23	15-Sep-23	24-Sep-23	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc23_cs76/preview
	Minor Specialization (V Sem)	1	Control System	12	24-Jul-23	13-Oct-23	28-Oct-23	IIT Madras	https://onlinecourses.nptel.ac.in/noc23_de10/preview
		2	Introduction to Wireless and Cellular Communications	12	24-Jul-23	13-Oct-23	29-Oct-23	IIT Madras	https://onlinecourses.nptel.ac.in/noc23_ee79/preview
	Honor Specialization (VII Sem)	1	Introduction To Adaptive Signal Processing	8	24-Jul-23	15-Sep-23	24-Sep-23	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc23_ee138/preview
		2	VLSI Interconnects	8	24-Jul-23	15-Sep-23	24-Sep-23	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc23_ee135/preview
	Minor Specialization (VII Sem)	1	Design of Photovoltaic Systems	12	24-Jul-23	13-Oct-23	29-Oct-23	IISc Bangalore	https://onlinecourses.nptel.ac.in/noc23_ee107/preview
		2	Microwave Engineering	12	24-Jul-23	13-Oct-23	29-Oct-23	IIT Guwahati	https://onlinecourses.nptel.ac.in/noc23_ee102/preview
	DE-3 (VII SEM) Online	1	Digital Image Processing	12	24-Jul-23	13-Oct-23	28-Oct-23	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc23_ee119/preview
		2	Microwave Engineering	12	24-Jul-23	13-Oct-23	29-Oct-23	IIT Guwahati	https://onlinecourses.nptel.ac.in/noc23_ee102/preview
	DE-4 (VII SEM) Online	3	An Introduction to Coding Theory	8	24-Jul-23	15-Sep-23	24-Sep-23	IIT Kanpur	https://onlinecourses.nptel.ac.in/noc23_ee101/preview
		1	Introduction to Wireless Cellular Communication	12	24-Jul-23	13-Oct-23	29-Oct-23	IIT Madras	https://onlinecourses.nptel.ac.in/noc23_ee79/preview
	2	Fiber Optic Communication Technology	12	24-Jul-23	13-Oct-23	28-Oct-23	IIT Madras	https://onlinecourses.nptel.ac.in/noc23_ee80/preview	

CIVIL ENGINEERING	Online	3	Pattern Recognition and Applications	12	24-Jul-23	13-Oct-23	28-Oct-23	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc23_ee119/preview
	Honor Specialization (V Sem)	1	Dynamics Of Structures	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce73/preview
		2	Admixtures And Special Concretes	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce61/preview
		3	Introduction To Engineering Seismology	12 Weeks	24-Jul-23	10-13-2023	29-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce74/preview
								Honor Specialization	
		1	Municipal Solid Waste Management	12 Weeks	24-Jul-23	10-13-2023	29-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce66/preview
		2	Environmental Chemistry	12 Weeks	24-Jul-23	10-13-2023	29-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce92/preview
		3	Availability And Management Of Groundwater Resources	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce82/preview
	Minor Specialization (V Sem)	1	Building Materials And Composites	8 Weeks	24-Jul-23	09-15-2023	24-Sep-23	-----	https://onlinecourses.nptel.ac.in/noc23_ar10/preview
		2	Strength Of Materials - IITKGP	12 Weeks	24-Jul-23	10-13-2023	29-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce80/preview
		3	Fluid Mechanics	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce65/preview
	Honor Specialization (VII Sem)	1	Bridge Engineering	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce81/preview
		2	Ground Improvement	12 Weeks	24-Jul-23	10-13-2023	29-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce78/preview
		3	Earthquake Geotechnical Engineering	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce108/preview
		4	Admixtures And Special Concretes	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce61/preview
		5	Dynamics Of Structures	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce73/preview
		6	Integrated Waste Management For A Smart City	12 Weeks	24-Jul-23	10-13-2023	29-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce89/preview
		7	Matrix Method Of Structural Analysis	8 Weeks	24-Jul-23	09-15-2023	24-Sep-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce87/preview
	Minor Specialization (VII Sem)	1	Soil Mechanics/Geotechnical Engineering I	12 Weeks	24-Jul-23	10-13-2023	29-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce84/preview
		2	Geometric Design Of Highways	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce95/preview
		3	Building Materials And Composites	8 Weeks	24-Jul-23	09-15-2023	24-Sep-23	-----	https://onlinecourses.nptel.ac.in/noc23_ar10/preview
		4	Strength Of Materials - IITKGP	12 Weeks	24-Jul-23	10-13-2023	29-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce80/preview
		5	Fluid Mechanics	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	-----	https://onlinecourses.nptel.ac.in/noc23_ce65/preview
	DE-3 (VII SEM) Online	1	Municipal Solid Waste Management	12 Weeks	24-Jul-23	10-13-2023	29-Oct-23	Prof. Syamveer Singh Chouhan	https://onlinecourses.nptel.ac.in/noc23_ce66/preview
	2	Availability And Management Of Groundwater Resources	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	Dr. Prachi Singh	https://onlinecourses.nptel.ac.in/noc23_ce82/preview	
	3	Principles Of Construction Management	8 Weeks	24-Jul-23	09-15-2023	24-Sep-23	Dr. Sanjay Tiwari	https://onlinecourses.nptel.ac.in/noc23_ce62/preview	
DE-4 (VII SEM) Online	1	Introduction to Multimodal Urban Transportation Systems (MUTS)	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	Dr. M.K. Trivedi	https://onlinecourses.nptel.ac.in/noc23_ce75/preview	
	2	Foundation Engineering	12 Weeks	24-Jul-23	10-13-2023	28-Oct-23	Dr. Hemant Shrivastava	https://onlinecourses.nptel.ac.in/noc23_ce83/preview	
	3	Remote Sensing And GIS	8 Weeks	24-Jul-23	09-15-2023	24-Sep-23	Prof. Shaileendra Harioud	https://onlinecourses.nptel.ac.in/noc23_ce64/preview	
CSE	Honor Specialization (V Sem)	1	Privacy And Security In Online Social Media(noc23-cs69)	12	24/7/2023	13/10/2023	28/10/2023	Prof.Amit Manjwar	https://onlinecourses.nptel.ac.in/noc23_cs69/preview
		2	Cyber Security and Privacy (noc23-cs127)	12	24/7/2023	13/10/2023	28/10/2023	Prof.Igvyasha Mishra	https://onlinecourses.nptel.ac.in/noc23_cs127/preview
	Minor Specialization (V Sem)	1	Computer Architecture (noc23-cs67)	12	24/7/2023	13/10/2023	29/10/2023	Prof. Itendra Kumar Tyagi	https://onlinecourses.nptel.ac.in/noc23_cs67/preview
		2	Operating System Fundamentals (noc23-cs123)	12	24/7/2023	13/10/2023	29/10/2023	Prof. Manisha Pathak	https://onlinecourses.nptel.ac.in/noc23_cs123/preview
		3	Programming Data Structure and Algorithm using Python (noc23_cs95)	8	24/7/2023	15/9/2023	24/9/2023	Prof. Mona Pandey Sharma	https://onlinecourses.nptel.ac.in/noc23_cs95/preview
	Honor Specialization (VII Sem)	1	Ethical Hacking	12	24/7/2023	13/10/2023	29/10/2023	Prof. Aashi Singh Bhadouria	https://onlinecourses.nptel.ac.in/noc23_cs75/preview
		2	Secure Computation: Part II	12	24/7/2023	13/10/2023	28/10/2023	Prof.Kratika Sharma	https://onlinecourses.nptel.ac.in/noc23_cs119/preview
	Minor Specialization (VII Sem)	1	Computer Graphics (noc23-cs115)	8	24/7/2023	15/9/2023	24/9/2023	Prof. Hemlata Arya	https://onlinecourses.nptel.ac.in/noc23_cs115/preview
		2	Cloud Computing (noc23-cs89)	12	24/7/2023	13/10/2023	28/10/2023	Prof.Mahesh Parmar	https://onlinecourses.nptel.ac.in/noc23_ce89/preview
		3	Distributed system (noc23-cs72)	8	24/7/2023	15/9/2023	24/9/2023	Prof. Smita Parte	https://onlinecourses.nptel.ac.in/noc23_cs72/preview
		4	Introduction to Operating System (noc23-cs101)	8	24/7/2023	15/9/2023	24/9/2023	Prof. Khushboo Agarwal	https://onlinecourses.nptel.ac.in/noc23_cs101/preview
		5	Design and Analysis of Algorithms (noc23-cs96)	8	24/7/2023	15/9/2023	24/9/2023	Dr. Ranjeet Kumar Singh	https://onlinecourses.nptel.ac.in/noc23_cs96/preview
	DE-3* (VII SEM) Online	1	Reinforcemnet Learning*	12	24/7/2023	13/10/2023	29/10/2023	Dr. Kuldeep Narayan Tripathi	https://onlinecourses.nptel.ac.in/noc23_cs100/preview
		2	Big Data Computing*	8	21/8/2023	13/10/2023	28/10/2023	Dr. Deevesh Kumar Lal	https://onlinecourses.nptel.ac.in/noc23_cs112/preview
		3	Design and Implementation of Human Computer Interfaces*	12	24/7/2023	13/10/2023	28/10/2023	Dr. Gangandeep Kaur	https://onlinecourses.nptel.ac.in/noc23_cs116/preview
	DE-4* (VII SEM) Online	1	Deep Learning-IIT Roper*	12	24/7/2023	13/10/2023	28/10/2023	Dr. Rohit Agrawal	https://onlinecourses.nptel.ac.in/noc23_cs110/preview
		2	Software Testing (IITB)*	12	24/7/2023	13/10/2023	29/10/2023	Prof.Jaimala Jha	https://onlinecourses.nptel.ac.in/noc23_cs91/preview
		3	Introduction to Game Theory and mechanism Design*	12	24/7/2023	13/10/2023	28/10/2023	Prof. Ankita Sengar	https://onlinecourses.nptel.ac.in/noc23_cs117/preview
	Honor Specialization (V Sem)	1	Principle of Hydraulic Machines and System Design	12	24-Jul-23	13-Oct-23	29-Oct-23	Prof Bhubendra Pandey	https://onlinecourses.nptel.ac.in/noc23_me98/preview
		2	System Design for Sustainability	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Nitin Upadhyay	https://onlinecourses.nptel.ac.in/noc23_de14/preview
		3	Manufacturing Systems Technology I & II	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr D.K Rathore	https://onlinecourses.nptel.ac.in/noc23_me86/preview
	Minor Specialization (V Sem)	1	Basics of Materials Engineering	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. S K Chourasiva	https://onlinecourses.nptel.ac.in/noc23_me78/preview
		2	Fluid mechanics	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr Jyoti Vimal	https://onlinecourses.nptel.ac.in/noc23_ce65/preview
	Honor Specialization (VII Sem)	1	Fundamentals Of Artificial Intelligence	12	24-Jul-23	13-Oct-23	28-Oct-23	Prof Vaibhav Shivhare	https://onlinecourses.nptel.ac.in/noc23_ge40/preview
	2	Heat Exchangers: Fundamentals and Design Analysis	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr M.K Gaur	https://onlinecourses.nptel.ac.in/noc23_me121/preview	
	3	Rapid Manufacturing	12	24-Jul-23	13-Oct-23	28-Oct-23	Prof. Sharad Agarwal	https://onlinecourses.nptel.ac.in/noc23_me82/preview	
Minor Specialization (VII Sem)	1	Engineering Metrology	12	24-Jul-23	13-Oct-23	29-Oct-23	Prof Vedansh	https://onlinecourses.nptel.ac.in/noc23_me83/preview	
	2	Applied Thermodynamics for Engineers	12	24-Jul-23	13-Oct-23	28-Oct-23	Prof. Ajay Raiput	https://onlinecourses.nptel.ac.in/noc23_me97/preview	
DE-3 (VII SEM) Online	1	Foundation of Computational Fluid Dynamics	8	24/07/2023	15-Sep-23	24-Sep-23	Prof Bhubendra Pandey	https://onlinecourses.nptel.ac.in/noc23_me75/preview	
	2	Introduction to Composites	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr D.K Rathore	https://onlinecourses.nptel.ac.in/noc23_me89/preview	
	3	Advanced Machining Processes	8	21-Aug-23	13-Oct-23	28-Oct-23	Dr. S K Chourasiva	https://onlinecourses.nptel.ac.in/noc23_me99/preview	
DE-4 (VII SEM)	1	Fundamentals Of Additive Manufacturing Technologies	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Gavendra Norkey	https://onlinecourses.nptel.ac.in/noc23_me112/preview	

AU	Online	2	Energy Conservation And Waste Heat Recovery	12	24-Jul-23	13-Oct-23	28-Oct-23	Prof. Sharad Agarwal	https://onlinecourses.nptel.ac.in/noc23_me122/preview	
		3	Work system Design	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Nitin Upadhyay	https://onlinecourses.nptel.ac.in/noc23_me124/preview	
	Honor Specialization (V Sem)	1	Principle of Hydraulic Machines and System Design	12	24-Jul-23	13-Oct-23	29-Oct-23	Prof Bhupendra Pandey	https://onlinecourses.nptel.ac.in/noc23_me98/preview	
		2	System Design for Sustainability	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Nitin Upadhyay	https://onlinecourses.nptel.ac.in/noc23_de14/preview	
		3	Manufacturing Systems Technology I & II	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr.D.K Rathore	https://onlinecourses.nptel.ac.in/noc23_me86/preview	
	Minor Specialization (V Sem)	1	Basics of Materials Engineering	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. S K Chourasiva	https://onlinecourses.nptel.ac.in/noc23_me78/preview	
		2	Fluid mechanics	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr Jyoti Vimal	https://onlinecourses.nptel.ac.in/noc23_ce65/preview	
	Honor Specialization (VII Sem)	1	Fundamentals Of Artificial Intelligence	12	24-Jul-23	13-Oct-23	28-Oct-23	Prof.Vaibhav Shivhare	https://onlinecourses.nptel.ac.in/noc23_ae40/preview	
		2	Heat Exchangers: Fundamentals and Design Analysis	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr M.K Gaur	https://onlinecourses.nptel.ac.in/noc23_me121/preview	
		3	Rapid Manufacturing	12	24-Jul-23	13-Oct-23	28-Oct-23	Prof. Sharad Agarwal	https://onlinecourses.nptel.ac.in/noc23_me82/preview	
	Minor Specialization (VII Sem)	1	Engineering Metrology	12	24-Jul-23	13-Oct-23	29-Oct-23	Prof Vedansh	https://onlinecourses.nptel.ac.in/noc23_me83/preview	
		2	Applied Thermodynamics for Engineers	12	24-Jul-23	13-Oct-23	28-Oct-23	Prof. Ajay Rajput	https://onlinecourses.nptel.ac.in/noc23_me97/preview	
	DE-3 (VII SEM)	1	Farm Machinery	12	24-Jul-23	13-Oct-23	28-Oct-23	Prof. Ajay Rajput	https://onlinecourses.nptel.ac.in/noc23_ag12/preview	
		2	Mechanism and Robot Kinematics	8	21-Aug-23	13-Oct-23	29-Oct-23	Dr. Neeraj Mishra	https://onlinecourses.nptel.ac.in/noc23_me118/preview	
DE-4(VII SEM) Online	1	Powder Metallurgy	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Amit Aherwar	https://onlinecourses.nptel.ac.in/noc23_mm35/preview		
	2	Sustainable Power Generation Systems	12	24-Jul-23	13-Oct-23	29-Oct-23	Prof. Vaibhav Shivhare	https://onlinecourses.nptel.ac.in/noc23_ae47/preview		
AIR	Honor Specialization (V Sem) Information	1	Cyber security and Privacy	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr.TeJ Singh	https://onlinecourses.nptel.ac.in/noc23_cs127/preview	
		2	Ethical Hacking	12 Weeks	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Rajni Ranjan Singh	https://onlinecourses.nptel.ac.in/noc23_cs75/preview	
	Honor Specialization (V Sem)IOT	1	Introduction to Internet of things	12 Weeks	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Sunil Kumar Shukla	https://onlinecourses.nptel.ac.in/noc23_cs83/preview	
		2	Sensor Technologies: Physics, Fabrication, And Circuits	8 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Kritika Bansal	https://onlinecourses.nptel.ac.in/noc23_ee95/preview	
	Honor Specialization (VII Sem)	1	Machine Learning For Earth System Sciences	8 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Mr. Mir Shahnavaz Ahmad	https://onlinecourses.nptel.ac.in/noc23_cs86/preview	
		2	Design & Implementation Of Human-Computer Interfaces	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Anshika Srivastava	https://onlinecourses.nptel.ac.in/noc23_cs116/preview	
		3	The Iov of Computing using Python	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Vibha Tiwari	https://onlinecourses.nptel.ac.in/noc23_cs108/preview	
		4	Applied Accelerated Artificial Intelligence	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Sunil Kumar Shukla	https://onlinecourses.nptel.ac.in/noc23_cs104/preview	
		5	Advanced Distributed Systems	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Ms. Shubha Mishra	https://onlinecourses.nptel.ac.in/noc23_cs68/preview	
		6	Introduction To Haskell Programming	8 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Anshika Srivastava	https://onlinecourses.nptel.ac.in/noc23_cs94/preview	
	DE-3 (VII SEM) Online	1	Statistical Learning For Reliability Analysis	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Pawan Dubey	https://onlinecourses.nptel.ac.in/noc23_cs84/preview	
		2	Computer Graphics	8 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Tej Singh	https://onlinecourses.nptel.ac.in/noc23_cs115/preview	
		3	Google Cloud Computing Foundations	8 Weeks	21-Aug-23	13-Oct-23	29-Oct-23	Mr. Arun Kumar	https://onlinecourses.nptel.ac.in/noc23_cs90/preview	
	DE-4 (VII SEM) Online	1	Deep Learning	12 Weeks	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Bhagat Singh Raghuvanshi	https://onlinecourses.nptel.ac.in/noc23_ee131/preview	
2		Social Network analysis	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Ms. Shubha Mishra	https://onlinecourses.nptel.ac.in/noc23_cs106/preview		
Honor Specialization (V Sem) Information	1	Cyber security and Privacy	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Vibha Tiwari	https://onlinecourses.nptel.ac.in/noc23_cs77/preview		
	2	Ethical Hacking	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr.TeJ Singh	https://onlinecourses.nptel.ac.in/noc23_cs127/preview		
Honor Specialization (V Sem)IOT	1	Introduction to Internet of things	12 Weeks	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Rajni Ranjan Singh	https://onlinecourses.nptel.ac.in/noc23_cs75/preview		
	2	Sensor Technologies: Physics, Fabrication, And Circuits	8 Weeks	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Sunil Kumar Shukla	https://onlinecourses.nptel.ac.in/noc23_cs83/preview		
AI&DS	Honor Specialization (V Sem) Information	1	Cyber security and Privacy	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Kritika Bansal	https://onlinecourses.nptel.ac.in/noc23_ee95/preview	
		2	Ethical Hacking	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr.TeJ Singh	https://onlinecourses.nptel.ac.in/noc23_cs127/preview	
	Honor Specialization (V Sem)IOT	1	Introduction to Internet of things	12 Weeks	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Rajni Ranjan Singh	https://onlinecourses.nptel.ac.in/noc23_cs75/preview	
		2	Sensor Technologies: Physics, Fabrication, And Circuits	8 Weeks	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Sunil Kumar Shukla	https://onlinecourses.nptel.ac.in/noc23_cs83/preview	
AI&ML	Honor Specialization (V Sem)	1	Artificial Lift	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Dr. Kritika Bansal	https://onlinecourses.nptel.ac.in/noc23_ee95/preview	
		2	Energy Conversion Technologies (Biomass and Coal)	8 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Prof. Anish P.Jacob	https://onlinecourses.nptel.ac.in/noc23_ch78/preview	
	Honor Specialization (V Sem)IOT	3	Hydrogen Energy: Production, Storage, Transportation and Safety	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Dr.R.K.Dubey	https://onlinecourses.nptel.ac.in/noc23_ch76/preview	
		4	Thermal Processing of Foods	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr.R.K.Dubey	https://onlinecourses.nptel.ac.in/noc23_ch74/preview	
		5	Colloids and Surfaces	08 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Prof. Swati Gupta	https://onlinecourses.nptel.ac.in/noc23_ch58/preview	
	Chemical	Honor Specialization (V Sem)	6	Rheology and Processing of Paints, Plastic and Elastomer Based Composites	8 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Prof. Anish P.Jacob	https://onlinecourses.nptel.ac.in/noc23_ch43/preview
			7	Transport Phenomena of Non-Newtonian Fluids	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Prof. Shivangi Sharma	https://onlinecourses.nptel.ac.in/noc23_ch75/preview
			8	Introduction to Polymer Physics - IITR	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Prof. Swati Gupta	https://onlinecourses.nptel.ac.in/noc23_ch52/preview
			9	Polymer Process Engineering	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Prof. Shivangi Sharma	https://onlinecourses.nptel.ac.in/noc23_ch70/preview
			10	Polymer Process Engineering	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Shourabh Singh Raghuvanshi	https://onlinecourses.nptel.ac.in/noc23_ch67/preview
			11	Polymers: Concepts, Properties, Uses and Sustainability	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Prof. Shivangi Sharma	https://onlinecourses.nptel.ac.in/noc23_ch70/preview
			12	Basic Environmental Engineering and Pollution Abatement	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Prof. Swati Gupta	https://onlinecourses.nptel.ac.in/noc23_ch44/preview
	Minor Specialization (V Sem)	1	Trace And Ultra-Trace Analysis of Metals Using Atomic Absorption Spectrometry	08 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Shourabh Singh Raghuvanshi	https://onlinecourses.nptel.ac.in/noc23_ch72/preview	
		2	Trace And Ultra-Trace Analysis of Metals Using Atomic Absorption Spectrometry	08 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Shourabh Singh Raghuvanshi	https://onlinecourses.nptel.ac.in/noc23_ch62/preview	
Honor Specialization (VII Sem)	1	Heat Transfer	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Dr. R.K.Dubey	https://onlinecourses.nptel.ac.in/noc23_ch65/preview		
	2	Chemical Reaction Engineering-I	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Prof. Anish P.Jacob	https://onlinecourses.nptel.ac.in/noc23_ch50/preview		
	3	Mechanical Unit Operations	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Dr.R.K.Dubey	https://onlinecourses.nptel.ac.in/noc23_ch51/preview		
Minor Specialization (VII Sem)	1	Colloids and Surfaces	08 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Prof. Anish P.Jacob	https://onlinecourses.nptel.ac.in/noc23_ch43/preview		
	2	Trace and ultra-trace analysis of metals using atomic absorption spectrometry	08 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Shourabh Singh Raghuvanshi	https://onlinecourses.nptel.ac.in/noc23_ch62/preview		
Honor Specialization (VII Sem)	3	Heat Exchangers: Fundamentals and Design Analysis	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr. R.K.Dubey	https://onlinecourses.nptel.ac.in/noc23_me121/preview		
	1	Fluidization Engineering	12 Weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Shourabh Singh Raghuvanshi	https://onlinecourses.nptel.ac.in/noc23_ch49/preview		
	2	Polymers: concepts, properties, uses and sustainability	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Prof. Swati Gupta	https://onlinecourses.nptel.ac.in/noc23_ch44/preview		
Minor Specialization (VII Sem)	1	Transport Phenomena of Non-Newtonian Fluids	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Prof. Swati Gupta	https://onlinecourses.nptel.ac.in/noc23_ch52/preview		
	3	Transport Phenomena of Non-Newtonian Fluids	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Prof. Swati Gupta	https://onlinecourses.nptel.ac.in/noc23_ch52/preview		

	DE-3 (VII SEM)	1	Chemical Process Safety	12 Weeks	24-Jul-23	13-Oct-23	29 Oct 2023	Dr. Shourabh Singh Raghuwanshi	https://onlinecourses.nptel.ac.in/noc23_ch71/preview
		2	Sustainable Energy Technology	12 Weeks	24-Jul-23	13-Oct-23	29-Oct-23	Prof. Swati Gupta	https://onlinecourses.nptel.ac.in/noc23_me138/preview
		3	Rheology and Processing of Paints, Plastic, and Elastomer Based Composites	8 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Prof. Shivangi Sharma	https://onlinecourses.nptel.ac.in/noc23_ch75/preview
	DE-4 (VII SEM) Online	1	Energy Conversion Technologies (Biomass And Coal)	8 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Dr.R.K.Dubey	https://onlinecourses.nptel.ac.in/noc23_ch76/preview
		2	Petroleum Reservoir Engineering	8 Weeks	21-Aug-23	13-Oct-23	29-Oct-23	Prof. Anish P.Jacob	https://onlinecourses.nptel.ac.in/noc23_ch77/preview
		3	Petroleum Technology	8 Weeks	24-Jul-23	15-Sep-23	24-Sep-23	Prof. Shivangi Sharma	https://onlinecourses.nptel.ac.in/noc23_ch64/preview
ARCHITECTURE & PLANNING	SELF LEARNING COURSE (V Sem)	1	Principles And Applications Of Building Science	4	24-Jul-23	18-Aug-23	24-Sep-23	Harshita Mishra	https://onlinecourses.nptel.ac.in/noc23_ar21/preview
		2	Introduction To Interaction Design	4	21-Aug-23	15-Sep-23	29-Oct-23	Richa Mishra	https://onlinecourses.nptel.ac.in/noc23_ar24/preview
		3	International Studies In Vernacular Architecture	4	21-Aug-23	15-Sep-23	28-Oct-23	Pranshi Jain	https://onlinecourses.nptel.ac.in/noc23_ar13/preview
		4	Visual Communication Design For Digital Media	4	24-Jul-23	18-Aug-23	24-Sep-23	Satyam Shukla	https://onlinecourses.nptel.ac.in/noc23_ar22/preview
	Departmental Elective V (DE-5) Online (VII Sem)	1	Building Materials And Composites	8	24-Jul-23	15-Sep-23	24-Sep-23	Yersha Sinha	https://onlinecourses.nptel.ac.in/noc23_ar10/preview
		2	Sustainable Architecture	12	24-Jul-23	13-Oct-23	19-Aug-23	Nupur Mishra	https://onlinecourses.nptel.ac.in/noc23_ar16/preview
		3	Contemporary Architecture And Design	8	24-Jul-23	15-Sep-23	24-Sep-23	Namita Gupta	https://onlinecourses.nptel.ac.in/noc23_ar20/preview
		4	Introduction To Urban Planning	8	24-Jul-23	15-Sep-23	24-Sep-23	Jaspreet Wallia	https://onlinecourses.nptel.ac.in/noc23_ar15/preview
CSE - MCA	DE-3 (III SEM)	1	Cloud Computing	12 weeks	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Parul Saxena	https://onlinecourses.nptel.ac.in/noc23_cs89/preview
		2	Big Data Computing	8 weeks	21-Aug-23	13-Oct-23	28-Oct-23	Dr. Anshu Chaturvedi	https://onlinecourses.nptel.ac.in/noc23_cs112/preview
IT	V SEM HONOURS (Specialization 1: Artificial Intelligence and Machine Learning)	1	Fundamentals Of Artificial Intelligence	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Abhishek Dixit	https://onlinecourses.nptel.ac.in/noc23_0e40/preview
		2	Artificial Intelligence : Search Methods For Problem Solving	12	24-Jul-23	13-Oct-23	28-Oct-23	Mr. Abhilash Sonker	https://onlinecourses.nptel.ac.in/noc23_cs92/preview
	V SEM HONOURS (Specialization 2: Data Analytics)	1	Fundamentals Of Artificial Intelligence	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Abhishek Dixit	https://onlinecourses.nptel.ac.in/noc23_0e40/preview
		2	Applied Linear Algebra For Signal Processing, Data Analytics And Machine Learning	12	24-Jul-23	13-Oct-23	29-Oct-23	Mr. Abhilash Sonker	https://onlinecourses.nptel.ac.in/noc23_ee100/preview
	V SEM HONOURS (Specialization 3: Robotics)	1	Introduction to Robotics	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Nidhi Saxena	https://onlinecourses.nptel.ac.in/noc23_de12/preview
		2	Artificial Intelligence : Search Methods For Problem Solving	12	24-Jul-23	13-Oct-23	28-Oct-23	Mr. Abhilash Sonker	https://onlinecourses.nptel.ac.in/noc23_cs92/preview
	V SEM Minor specialization	1	Programming in Java	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Vikram Rajpoot	https://onlinecourses.nptel.ac.in/noc23_cs74/preview
		2	Introduction to Operating Systems	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Saumil Maheshwari	https://onlinecourses.nptel.ac.in/noc23_cs101/preview
3		Computer Graphics	8	24-Jul-23	15-Sep-23	24-Sep-23	Mr. Vikas Sejwar	https://onlinecourses.nptel.ac.in/noc23_cs115/preview	
IoT	V SEM HONOURS (Specialization 1: Artificial Intelligence and Machine Learning)	1	Fundamentals Of Artificial Intelligence	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Abhishek Dixit	https://onlinecourses.nptel.ac.in/noc23_0e40/preview
		2	Artificial Intelligence : Search Methods For Problem Solving	12	24-Jul-23	13-Oct-23	28-Oct-23	Mr. Abhilash Sonker	https://onlinecourses.nptel.ac.in/noc23_cs92/preview
	V SEM HONOURS (Specialization 2: Systems & Computing)	1	Ethical Hacking	12	24-Jul-23	13-Oct-23	29-Oct-23	Mr. Rajeev Kumar Singh	https://onlinecourses.nptel.ac.in/noc23_cs75/preview
		2	Introduction To Algorithms And Analysis	12	24-Jul-23	13-Oct-23	28-Oct-23	Ms. Akanchha Tiwari	https://onlinecourses.nptel.ac.in/noc23_cs88/preview
	V SEM HONOURS (Specialization 3: Robotics)	1	Introduction to Robotics	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Nidhi Saxena	https://onlinecourses.nptel.ac.in/noc23_de12/preview
		2	Artificial Intelligence : Search Methods For Problem Solving	12	24-Jul-23	13-Oct-23	28-Oct-23	Mr. Abhilash Sonker	https://onlinecourses.nptel.ac.in/noc23_cs92/preview
	V SEM Minor specialization	1	Introduction to Internet of Things	12	24-Jul-23	13-Oct-23	29-Oct-23	Ms. Surbhi Gupta	https://onlinecourses.nptel.ac.in/noc23_cs83/preview
		2	Introduction to Operating Systems	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Saumil Maheshwari	https://onlinecourses.nptel.ac.in/noc23_cs101/preview
3		Computer Graphics	8	24-Jul-23	15-Sep-23	24-Sep-23	Mr. Vikas Sejwar	https://onlinecourses.nptel.ac.in/noc23_cs115/preview	
IT	VII SEM HONOURS	1	The Joy of Computing using Python	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Dhananjay Bisen	https://onlinecourses.nptel.ac.in/noc23_cs108/preview
		2	Reinforcement Learning	12	24-Jul-23	13-Oct-23	29-Oct-23	Mr. Shubham Sharma	https://onlinecourses.nptel.ac.in/noc23_cs100/preview
		3	Introduction To Haskell Programming	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Priyanka Garg	https://onlinecourses.nptel.ac.in/noc23_cs94/preview
		4	Advanced Distributed Systems	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Aditya Dubey	https://onlinecourses.nptel.ac.in/noc23_cs68/preview
	VII SEM Minor specialization	1	Introduction to Operating Systems	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Saumil Maheshwari	https://onlinecourses.nptel.ac.in/noc23_cs101/preview
		2	Programming in Java	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Vikram Rajpoot	https://onlinecourses.nptel.ac.in/noc23_cs74/preview
		3	Programming, Data Structures and Algorithms Using Python	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Saumil Maheshwari	https://onlinecourses.nptel.ac.in/noc23_cs95/preview
		4	Design and analysis of algorithms	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Abhishek Dixit	https://onlinecourses.nptel.ac.in/noc23_cs96/preview
		5	Distributed Systems	8	24-Jul-23	15-Sep-23	24-Sep-23	Ms. Tanuja Sharma	https://onlinecourses.nptel.ac.in/noc23_cs72/preview
		6	Introduction To Internet Of Things	12	24-Jul-23	13-Oct-23	29-Oct-23	Ms. Surbhi Gupta	https://onlinecourses.nptel.ac.in/noc23_cs83/preview
		7	Computer Graphics	8	24-Jul-23	15-Sep-23	24-Sep-23	Mr. Vikas Sejwar	https://onlinecourses.nptel.ac.in/noc23_cs115/preview
	DE-3	1	Software Testing	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Nookala Venu	https://onlinecourses.nptel.ac.in/noc23_cs91/preview
		2	Google Cloud Computing Foundations	8	21-Aug-23	13-Oct-23	29-Oct-23	Dr. Priyanka Garg	https://onlinecourses.nptel.ac.in/noc23_cs90/preview
		3	Social Network Analysis	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Sanjiv Sharma	https://onlinecourses.nptel.ac.in/noc23_cs106/preview
	DE-4	1	Deep Learning	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Punit Kumar Johari	https://onlinecourses.nptel.ac.in/noc23_ee131/preview
2		Big Data Computing	8	21-Aug-23	13-Oct-23	28-Oct-23	Dr. Nidhi Saxena	https://onlinecourses.nptel.ac.in/noc23_cs112/preview	
3		Computer Vision	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Aditya Dubey	https://onlinecourses.nptel.ac.in/noc23_cs77/preview	
		1	Hardware Modeling Using Verilog	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Nookala Venu	https://onlinecourses.nptel.ac.in/noc23_cs76/preview
		2	Design & Implementation of Human-Computer Interfaces	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Nookala Venu	https://onlinecourses.nptel.ac.in/noc23_cs116/preview

IoT	VII SEM HONOURS	3	The Joy of Computing using Python	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Dhananjay Bisen	https://onlinecourses.nptel.ac.in/noc23_cs108/preview
		4	Introduction To Industry 4.0 And Industrial Internet Of Things	12	24-Jul-23	13-Oct-23	28-Oct-23	Mr. Vikas Sejwar	https://onlinecourses.nptel.ac.in/noc23_cs82/preview
		5	Reinforcement Learning	12	24-Jul-23	13-Oct-23	29-Oct-23	Mr. Shubham Sharma	https://onlinecourses.nptel.ac.in/noc23_cs100/preview
		6	Advanced Distributed Systems	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Aditya Dubey	https://onlinecourses.nptel.ac.in/noc23_cs68/preview
	7	Introduction To Haskell Programming	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Priyanka Garg	https://onlinecourses.nptel.ac.in/noc23_cs94/preview	
	VII SEM Minor specialization	1	Introduction to Internet of Things	12	24-Jul-23	13-Oct-23	29-Oct-23	Ms. Surbhi Gupta	https://onlinecourses.nptel.ac.in/noc23_cs83/preview
		2	Introduction to Operating Systems	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Saumil Maheshwari	https://onlinecourses.nptel.ac.in/noc23_cs101/preview
		3	Programming, Data Structures and Algorithms Using Python	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Saumil Maheshwari	https://onlinecourses.nptel.ac.in/noc23_cs95/preview
		4	Design and analysis of algorithms	8	24-Jul-23	15-Sep-23	24-Sep-23	Dr. Abhishek Dixit	https://onlinecourses.nptel.ac.in/noc23_cs96/preview
		5	Programming in Modern C++	12	24-Jul-23	13-Oct-23	28-Oct-23	Ms. Bulbul Agrawal	https://onlinecourses.nptel.ac.in/noc23_cs78/preview
		6	Programming in Java	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Vikram Rajpoot	https://onlinecourses.nptel.ac.in/noc23_cs74/preview
		7	Distributed Systems	8	24-Jul-23	15-Sep-23	24-Sep-23	Ms. Tanuja Sharma	https://onlinecourses.nptel.ac.in/noc23_cs72/preview
		8	Cloud Computing	12	24-Jul-23	13-Oct-23	28-Oct-23	Ms. Neha Bhardwaj	https://onlinecourses.nptel.ac.in/noc23_cs89/preview
	DE-3	1	Google Cloud Computing Foundations	8	21-Aug-23	13-Oct-23	29-Oct-23	Dr. Priyanka Garg	https://onlinecourses.nptel.ac.in/noc23_cs90/preview
		2	Computer Graphics	8	24-Jul-23	15-Sep-23	24-Sep-23	Mr. Vikas Sejwar	https://onlinecourses.nptel.ac.in/noc23_cs115/preview
		3	Social Network Analysis	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Sanjiv Sharma	https://onlinecourses.nptel.ac.in/noc23_cs106/preview
	DE-4	1	Deep Learning	12	24-Jul-23	13-Oct-23	29-Oct-23	Dr. Punit Kumar Johari	https://onlinecourses.nptel.ac.in/noc23_ee131/preview
		2	Big Data Computing	8	21-Aug-23	13-Oct-23	28-Oct-23	Dr. Nidhi Saxena	https://onlinecourses.nptel.ac.in/noc23_cs112/preview
		3	Computer Vision	12	24-Jul-23	13-Oct-23	28-Oct-23	Dr. Aditya Dubey	https://onlinecourses.nptel.ac.in/noc23_cs77/preview