

**OC-3 Courses offered via SWAYAM NPTEL- VIII semester Jan-June 2024 session**

**Madhav Institute of Technology & Science, Gwalior**

Offering Department	Code	OC-3 Courses offered via SWAYAM/NPTEL-VIII semester	Mentor	Not Eligible Programs	SWAYAM Link
EC	910***	Linear Dynamical Systems	Dr. Deepak Batham	EC,ET	<a href="https://onlinecourses.nptel.ac.in/noc24_ee19/preview">https://onlinecourses.nptel.ac.in/noc24_ee19/preview</a>
	910***	Sensors and Actuators	Dr. Sushmita Chaudhari	EC,ET,EE-IoT	<a href="https://onlinecourses.nptel.ac.in/noc24_ee45/preview">https://onlinecourses.nptel.ac.in/noc24_ee45/preview</a>
CE	910***	Natural Hazards	Prof. Shailendra Hariod	CE	
	910***	Strategies for Sustainable Design	Dr. Abhilash Shukla	CE	
	910***	Plastic Waste Management	Prof. A.K. Saxena	CE	
EE	910***	State space Approach to Control System Analysis and Design	Dr. Vikram	EE	<a href="https://onlinecourses.nptel.ac.in/noc24_ee62/preview">https://onlinecourses.nptel.ac.in/noc24_ee62/preview</a>
	910***	Smart Grid: Basics to Advanced Technologies	Dr. Himmat Singh	EE	<a href="https://onlinecourses.nptel.ac.in/noc24_ee37/preview">https://onlinecourses.nptel.ac.in/noc24_ee37/preview</a>
	910***	Industrial Automation and Control	Dr. Ankit Tiwari	EE, EE-IoT	<a href="https://onlinecourses.nptel.ac.in/noc24_ee56/preview">https://onlinecourses.nptel.ac.in/noc24_ee56/preview</a>
CSE	910***	Data Analytics with Python	Dr. Devesh Kumar Lal	ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc24_cs20/preview">https://onlinecourses.nptel.ac.in/noc24_cs20/preview</a>
	910***	Advanced Computer Networks	Prof. Khushboo Agarwal	ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc24_cs11/preview">https://onlinecourses.nptel.ac.in/noc24_cs11/preview</a>
	910***	Affective Computing	Prof. Smita Parte	IT, ITAIR,CSE	<a href="https://onlinecourses.nptel.ac.in/noc24_cs12/preview">https://onlinecourses.nptel.ac.in/noc24_cs12/preview</a>
C-AIR	910***	Data Analytics with Python	Dr. Sunil Shukla	ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc23_cs08/preview">https://onlinecourses.nptel.ac.in/noc23_cs08/preview</a>
	910***	Deep Learning - IIT Ropar	Dr. Vibha Tiwari	EE-IoT,IT-IoT, ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc23_cs110/preview">https://onlinecourses.nptel.ac.in/noc23_cs110/preview</a>
	910***	Natural Language Processing	Dr. Bhagat Raghuvanshi	ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc23_cs80/preview">https://onlinecourses.nptel.ac.in/noc23_cs80/preview</a>
C-IoT	910***	Introduction to Internet of Things	Dr. Priyanka Garg	EE-IoT, IT-IoT, ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc21_cs17/preview">https://onlinecourses.nptel.ac.in/noc21_cs17/preview</a>
	910***	Fuzzy Sets, Logic and Systems & Applications	Dr. Gaurav	EE-IoT, IT-IoT,ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc21_ee49/preview">https://onlinecourses.nptel.ac.in/noc21_ee49/preview</a>
	910***	Introduction To Soft Computing	Dr. Nookala Venu	EE-IoT, IT-IoT,ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc20_cs17/preview">https://onlinecourses.nptel.ac.in/noc20_cs17/preview</a>
IT	910***	Getting Started with Competitive Programming	Dr. Sanjiv Sharma	ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc24_cs29/preview">https://onlinecourses.nptel.ac.in/noc24_cs29/preview</a>
	910***	Introduction To Soft Computing	Mr. Rajeev Kumar Singh	EE-IoT, IT-IoT,ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc24_cs37/preview">https://onlinecourses.nptel.ac.in/noc24_cs37/preview</a>
	910***	Social Networks	Ms. Tanuja Sharma	IT-IoT, ITAIR,IT,CSE	<a href="https://onlinecourses.nptel.ac.in/noc24_cs56/preview">https://onlinecourses.nptel.ac.in/noc24_cs56/preview</a>
ME	910***	Theory and Practice of non destructive testing	Dr Surendra Chourasiya	ME,AU	<a href="https://onlinecourses.nptel.ac.in/noc24_mm14/">https://onlinecourses.nptel.ac.in/noc24_mm14/</a>
	910***	Product Design and Manufacturing	Dr Amit Aherwar	ME,AU	<a href="https://onlinecourses.nptel.ac.in/noc24_me58/preview">https://onlinecourses.nptel.ac.in/noc24_me58/preview</a>
	910***	Automatic Control	Dr Neeraj Mishra	ME,AU, EE	<a href="https://onlinecourses.nptel.ac.in/noc24_me06/preview">https://onlinecourses.nptel.ac.in/noc24_me06/preview</a>
MAC	910***	Essentials Of Data Science With R Software - 1: Probability And Statistical Inference	Dr. Atul	MAC	<a href="https://onlinecourses.nptel.ac.in/noc24_ma18/preview">https://onlinecourses.nptel.ac.in/noc24_ma18/preview</a>
	910***	Computational Mathematics with SageMath	Dr. Atul	MAC	<a href="https://onlinecourses.nptel.ac.in/noc24_ma15/preview">https://onlinecourses.nptel.ac.in/noc24_ma15/preview</a>
	910***	Probabilistic Methods in PDE	Dr. Atul	MAC	<a href="https://onlinecourses.nptel.ac.in/noc24_ma38/preview">https://onlinecourses.nptel.ac.in/noc24_ma38/preview</a>
CM	910***	Environmental Quality Monitoring & Analysis	Prof. Shivangi Sharma	CM	<a href="https://onlinecourses.nptel.ac.in/noc24_ch15/preview">https://onlinecourses.nptel.ac.in/noc24_ch15/preview</a>
	910***	Electrochemical Technology in Pollution Control	Dr.R.K.Dubey	CM	<a href="https://onlinecourses.nptel.ac.in/noc24_ch01/preview">https://onlinecourses.nptel.ac.in/noc24_ch01/preview</a>
	910***	Multiphase Microfluidics	Dr. Shourabh Singh Raghuvanshi	CM	<a href="https://onlinecourses.nptel.ac.in/noc24_ch21/preview">https://onlinecourses.nptel.ac.in/noc24_ch21/preview</a>