

**SARVAJANIK UNIVERSITY**  
**Dr. R. K. Desai Marg, Athwalines, Surat**

**Institute-wise List of SWAYAM MOOCs for Jan 2026**  
**(Exam conduction by National Coordinator)**

**Sarvajanik College of Engineering and Technology (SCET)**

SCET Subject Details					NPTEL Course Details				
Sr. No	Sem	Programme	Subject Type	Subject Name (code)	Course ID	Course Name	Instructor Name	Co-ordinating Institute	Exam date
<b>Information Technology</b>									
1	<b>Sem 5</b>	IT	Professional Elective I	Cloud Computing (BTIT14502)	noc26-cs55	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	April 25, 2026
2	<b>Sem 7</b>	IT	Professional Elective IV	Blockchain Technology and Applications (BTIT14702)	noc26-cs34	Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IIT Kharagpur	April 24, 2026

3	<b>Sem 7</b>	IT	Professional Elective IV	IOT and Applications (BTIT14704)	noc26 -cs37	Introduction to Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	April 24, 2026
4	<b>Sem 7</b>	IT	Professional Elective V	Natural Language Processing (BTIT14706)	noc26 -cs45	Natural Language Processing	Prof. Pawan Goyal	IIT Kharagpur	April 25, 2026
<b>Artificial Intelligence and Data Science</b>									
1	<b>Sem 5</b>	IT	Professional Elective I	Cloud Computing (BTIT14502)	noc26 -cs55	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	April 25, 2026
2	<b>Sem 7</b>	IT	Professional Elective IV	Blockchain Technology and Applications (BTIT14702)	noc26 -cs34	Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IIT Kharagpur	April 24, 2026
3	<b>Sem 7</b>	IT/AI-DS	Professional Elective IV	IOT and Applications (BTIT14704)	noc26 -cs37	Introduction to Internet of Things	Prof. Sudip Misra	IIT Kharagpur	April 24, 2026
4	<b>Sem 7</b>	AI-DS	Professional Elective V	Reinforcement Learning (BTAI14702)	noc26 -cs81	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	April 25, 2026

<b>Mechanical Engineering</b>									
1	<b>Sem 6</b>	ME	Professional Elective I	Renewable Energy Engineering (BTME14611)	noc26-me42	Elements of Solar Energy Conversion	Prof. Jishnu Bhattacharya	IIT Kanpur	April 19, 2026
2	<b>Sem 6</b>	ME	Professional Elective I	Biomass Energy Conversion (BTME14613)	noc26-ch26	Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems	Prof. Vaibhav Vasant Goud, Prof. R. Anandalakshmi	IIT Guwahati	April 18, 2027
3	<b>Sem 7</b>	ME	Professional Elective IV	Oil, Hydaraulics and Pnumetics (BTME14714)	noc26-me69	Oil, Hydraulics and Pneumatics	Prof. Somashekhar S	IIT Madras	April 18, 2028
4	<b>Sem 7</b>	ME	Professional Elective IV	Gas Dynamics (BTME14715)	noc26-ae05	Gasdynamics: Fundamentals and Applications	Prof. Srisha Rao M V	IISc Bangalore	April 18, 2029
					noc26-me20	Fundamentals of Compressible Flow	Prof. Niranjana Sahoo	IIT Guwahati	April 26, 2026
5	<b>Sem 7</b>	ME	Professional Elective V	Process Planning and Cost Estimation (BTME14718)	noc26-me78	Principles of Industrial Engineering	Prof. D. K. Dwivedi	IIT Roorkee	April 19, 2026

<b>Computer Engineering</b>									
1	<b>Sem 7</b>	CO	Professional Elective IV	Cloud Computing (BTCO14704)	noc26-cs55	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	April 25, 2026
2	<b>Sem 7</b>	CO	Professional Elective IV	Computer Vision (BTCO14703)	noc26-cs04	Neural Networks for Computer Vision and Natural Language Processing	Prof Arijit Sur	IIT Guwahati	April 25, 2026
3	<b>Sem 7</b>	CO	Professional Elective IV	Virtual and Augmented Reality (BTCO14705)	noc26-cs03	Foundation for Virtual and Augmented Reality Systems	Prof Samit Bhattacharya	IIT Guwahati	April 24, 2026
4	<b>Sem 7</b>	CO	Professional Elective IV	Mobile Application Development (Flutter) (BTCO14706)	noc26-cs32	Practical High-Performance Computing	Prof. Mahendra Verma	IIT Kanpur	April 25, 2026
5	Sem 7	CO	Professional Elective V	Deep Learning (BTCO14708)	noc26-cs01	Foundations of Deep Learning: Concepts and Applications	Prof. Sriram Ganapathy Prof. Ashwini Kodipalli Prof. Baishali Gara	IISc Bangalore	April 25, 2026
6	Sem 7	CO	Professional Elective V	Deep Learning (BTCO14708)	noc26-cs66	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Madras	April 17, 2026
7	Sem 7	CO	Professional Elective V	Soft Computing (BTCO14707)	noc26-cs81	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	April 18, 2026

8	Sem 7	CO	Professional Elective V	Big Data Analytics (BTCO14709)	noc26 -cs09	Statistical Foundation for Big Data Analysis	Prof. Arindam Banerjee	IIT Kharagpur	April 19, 2026
<b>Electronics &amp; Communication Engineering</b>									
1	Sem 8	EC	Professional Elective V	VLSI Physical Design Automation (BTEC13802)	noc26 _ee91	VLSI Physical Design with Timing Analysis	Prof. Bishnu Prasad Das	IIT Roorkee	Apr 19, 2026
2	Sem 8	EC	Professional Elective V	Biomedical Signal and Image Processing (BTEC13805)	noc26 _ee53	Bio Medical Signal Processing	Prof. Sudipta Mukhopadhyay	IIT Kharagpur	April 25, 2026
<b>Instrumentation &amp; Control Engineering</b>									
1	Sem 6	IC	Professional Elective	Biomedical Instrumentati on (BTIC14604)	noc26 -ee52	Biomedical Signal Processing	Prof. Sudipta Mukhopadhyay	IIT Kharagpur	April 10, 2026
2	Sem 6	IC	Professional Elective	Automotive Instrumentati on (BTIC14603)	noc26 -de12	Fundamentals of Automotive Systems	Prof. C. S. Shankar Ram	IIT Madras	April 17, 2026
3	Sem 7	IC	Professional Elective	Artificial Intelligence and Machine Learning (BTIC14701)	noc26 -cs74	Introduction to Machine Learning	Prof. Balaraman Ravindran	IIT Madras	April 17, 2026

4	Sem 7	IC	Professional Elective	Industrial Drives and Control (BTIC14702)	noc26-ee27	EV - Vehicle Dynamics and Electric Motor Drives	Prof. Amit Jain Prof. Avanish Tripathi	IIT Delhi	April 19, 2026
5	Sem 7	IC	Professional Elective	Robotics and Machine Vision (BTIC14703)	noc26-ee74	Modern computer vision	Prof. A.N. Rajagopalan	IIT Madras	April 17, 2026
6	Sem 7	IC	Professional Elective	Robotics and Machine Vision (BTIC14703)	noc26-ee31	Computer Vision and Image Processing - Fundamentals and Applications	Prof. M.K. Bhuyan	IIT Guwahati	April 26, 2026
7	Sem 7	IC	Professional Elective	Robotics and Machine Vision (BTIC14703)	noc26_me34	Advanced Robotics	Prof. Ashish Dutta	IIT Kanpur	April 19, 2026

### **Chemical Engineering**

1	Sem 4	CH	Professional Elective II	Energy Technology (BTCH14402)	noc26-ch26	Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems	Prof. Vaibhav Vasant Goud, Prof. R. Anandalakshmi	IIT Guwahati	April 18, 2026
2	Sem 6	CH	Professional Elective IV	Petroleum Engineering & petrochemicals (BTCH14601), Fertilizer Technology (BTCH14602)	noc26-ch48	Chemical Process Utilities	Prof. Shishir Sinha	IIT Roorkee	April 19, 2026

3	Sem 7	CH	Professional Elective V	Modelling & Simulation in Chemical Engineering (BTCH14701), Computer aided process synthesis (BTCH14702)	noc26 -ch21	Computer Aided Applied Single Objective Optimization	Prof. Prakash Kotecha	IIT Guwahati	April 18, 2026
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## MITRAJ Sarvajanik Institute of Design, Planning & Technology (IDPT), SU

IDPT Subject Details				SWAYAM Course Details				
Sr. No	Program	Sem	Subject Type	Course ID	Course Name	Instructor Name	Co-ordinating Institute	Exam date
<b>B.Arch IV semester VIII</b>								
1	B.Arch	Sem 8	Elective 1	noc26-ar03	Circular Economy for Sustainable Buildings (12 Week)	Prof. Iyer Vijayalaxmi Kasinath	IIT Madras	April 17, 2026
2			Elective 2	noc26-ar05	Modern World Architecture (12 Week)	Prof. P. S. Chani	IIT Roorkee	April 17, 2026
3			Elective 3	noc26-ar06	Urban Ecosystem (12 Week)	Prof. Mahua Mukherjee	IIT Roorkee	April 25, 2026
4			Elective 4	noc26-ar08	Urban Services Planning (12 Week)	Prof. Debapratim Pandit	IIT Kharagpur	April 25, 2026
5			Elective 5	noc26-ar09	Bioclimatic Architecture: Futureproofing with Simple and Advanced Passive Strategies (12 Week)	Prof. Iyer Vijayalaxmi Kasinath	School of Planning and Architecture	April 17, 2026
6			Elective 6	noc26-ar16	Disaster Recovery and Build Back Better (8 Week)	Prof. Ram Sateesh Pasupuleti Prof. Subhojyothi Samaddar	IIT Roorkee	April 18, 2026
7			Elective 7	noc26-ar17	Research Methodology for Planning and Architectural Studies (12 Week)	Prof. Shubhajit Sadhukhan	IIT Roorkee	April 19, 2026