

List of MOOCs (Jul-Dec 2026) for Odd Term A.Y. 2026-27 of Bachelor of Engineering (Part - I)

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Link:	Revised Guidelines for Implementation of Massive Open Online Courses (MOOCs) & Integration of Skilling-based Courses w.e.f. Academic Year 2024-25 (Applicable for students enrolled in A.Y. 2024-25 and onwards)													
	Amendment in Existing Guidelines of Massive Open Online Courses (MOOCs) w.e.f. A.Y. 2026-27													
Sr.No	Sem	Subject Category	Branch Name	Branch Code	Course ID	Subject Name	Faculty Name	Offering Institute	Duration (Weeks)	Credits	Link	Course Start Date	Enrollment End Date	Exam Registration End Date
1	5	PEC - 01	Chemical Engineering	5	noc26-ch73	Basic Environmental Engineering and Pollution Abatement	Prof. P. Mondal	IIT Roorkee	12	3	https://npTEL.ac.in/courses/103107215	20-07-26	27-07-26	14-08-26
2	5	PEC - 02			noc26-ch88	Engineering Aspects of Biofuels and Biomass Conversion Technologies	Prof. Ejaz Ahmad	IIT(ISM) Dhanbad	12	3	https://npTEL.ac.in/courses/103105680	20-07-26	27-07-26	14-08-26
3	5	MOPEC - 02			noc26-ce99	Sustainable Engineering Concepts and Life Cycle Analysis	Prof. Brajesh Kumar Dubey	IIT Kharagpur	8	2	https://npTEL.ac.in/courses/105105157	20-07-26	27-07-26	14-08-26
4	6	PEC - 03			noc26-ch95	Mathematical Modelling and Simulation of Chemical Engineering Process	Prof. Sourav Mondal	IIT Kharagpur	12	3	https://npTEL.ac.in/courses/103105215	20-07-26	27-07-26	14-08-26
5	6	PEC - 04			noc26-ch71	Introduction to Polymer Physics	Prof. Prateek Kumar Jha	IIT Roorkee	12	3	https://npTEL.ac.in/courses/103107139	20-07-26	27-07-26	14-08-26
6	6	MOPEC - 03			noc26-ch66	Adsorption Science and Technology: Fundamentals and Applications	Prof. Sourav Mondal	IIT Kharagpur	8	2	https://npTEL.ac.in/courses/103105461	20-07-26	27-07-26	14-08-26
7	7	PEC - 05			noc26-ch106	Chemical Process Intensification	Dr. S.K. Majumder	IIT Guwahati	12	3	https://npTEL.ac.in/courses/103103152	20-07-26	27-07-26	14-08-26
8	7	PEC - 06			noc26-ch87	CFD Applications in Chemical Processes	Prof. Arnab Atta	IIT Guwahati	12	3	https://npTEL.ac.in/courses/103105679	20-07-26	27-07-26	14-08-26
9	5	PEC - 01	Plastic Technology	23	noc26-ce142	Integrated Waste Management for a Smart City	Prof. Brajesh Kumar Dubey	IIT Kharagpur	12	3	https://npTEL.ac.in/courses/105105160	20-07-26	27-07-26	14-08-26
10	5	PEC - 02			noc26-mg135	Industrial Safety Engineering	Prof. Jhareswar Maiti	IIT Kharagpur	12	3	https://npTEL.ac.in/courses/110105094	20-07-26	27-07-26	14-08-26
11	5	MOPEC - 02			noc26-cy47	Introduction to Polymer Science	Prof. Dibakar Dhara	IIT Kharagpur	8	2	https://npTEL.ac.in/courses/104105124	20-07-26	27-07-26	14-08-26
12	6	PEC - 03			noc26-ch77	Polymers: Concepts, Properties, Uses and Sustainability	Prof. Abhijit P Deshpande	IIT Madras	12	3	https://npTEL.ac.in/courses/105106205	20-07-26	27-07-26	14-08-26
13	6	PEC - 04			noc26-ch67	Introduction to Polymer Physics	Prof. Amit Kumar	IIT Guwahati	8	3	https://npTEL.ac.in/courses/103103139	20-07-26	27-07-26	14-08-26
14	6	MOPEC - 03			noc26-ch65	Rheology and Processing of Paints, Plastic, and Elastomer Based Composites	Prof. Santanu Chattopadhyay	IIT Kharagpur	8	2	https://npTEL.ac.in/courses/103105222	20-07-26	27-07-26	14-08-26
15	7	PEC - 05			noc26-me174	Mechanical Behavior of Polymers and Composites	Prof. Naresh V Datla	IIT Delhi	12	3	https://npTEL.ac.in/courses/112102319	20-07-26	27-07-26	14-08-26
16	7	PEC - 06			noc26-ch84	Polymer Process Engineering	Prof. Shishir Sinha	IIT Roorkee	12	3	https://npTEL.ac.in/courses/103107221	20-07-26	27-07-26	14-08-26
17	7	MOPEC - 04			noc26-mg98	Project Management: Planning, Execution, Evaluation and Control	Prof. Sanjib Chowdhury	IIT Kharagpur	8	2	https://npTEL.ac.in/courses/110105167	20-07-26	27-07-26	14-08-26
18	5	PEC - 01	Rubber Technology	26	noc26-me174	Mechanical Behavior of Polymers and Composites	Prof. Naresh V Datla	IIT Delhi	12	3	https://npTEL.ac.in/courses/112102319	20-07-26	27-07-26	14-08-26
19	5	PEC - 02			noc26-ch77	Polymers: Concepts, Properties, Uses and Sustainability	Prof. Abhijit P Deshpande	IIT Madras	12	3	https://npTEL.ac.in/courses/105106205	20-07-26	27-07-26	14-08-26
20	5	MOPEC - 02			noc26-cy47	Introduction to Polymer Science	Prof. Dibakar Dhara	IIT Kharagpur	8	2	https://npTEL.ac.in/courses/104105124	20-07-26	27-07-26	14-08-26
21	6	PEC - 03			noc26-mg135	Industrial Safety Engineering	Prof. Jhareswar Maiti	IIT Kharagpur	12	3	https://npTEL.ac.in/courses/110105094	20-07-26	27-07-26	14-08-26
22	6	PEC - 04			noc26-ch67	Introduction to Polymer Physics	Prof. Amit Kumar	IIT Guwahati	8	3	https://npTEL.ac.in/courses/103103139	20-07-26	27-07-26	14-08-26
23	6	MOPEC - 03			noc26-ch65	Rheology and Processing of Paints, Plastic, and Elastomer Based Composites	Prof. Santanu Chattopadhyay	IIT Kharagpur	8	2	https://npTEL.ac.in/courses/103105222	20-07-26	27-07-26	14-08-26
24	7	PEC - 05			noc26-ch90	Foundations on Rubber Science, Technology and Manufacturing	Prof. Santanu Chattopadhyay	IIT Kharagpur	12	3	https://npTEL.ac.in/courses/103105795	20-07-26	27-07-26	14-08-26

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	Amendment in Existing Guidelines of Massive Open Online Courses (MOOCs) w.e.f. A.Y. 2026-27													
Sr.No	Sem	Subject Category	Branch Name	Branch Code	Course ID	Subject Name	Faculty Name	Offering Institute	Duration (Weeks)	Credits	Link	Course Start Date	Enrollment End Date	Exam Registration End Date
25	7	PEC - 06			noc26-ch84	Polymer Process Engineering	Prof. Shishir Sinha	IIT Roorkee	12	3	https://npTEL.ac.in/courses/103107221	20-07-26	27-07-26	14-08-26
26	7	MOPEC - 04			noc26-mg98	Project Management: Planning, Execution, Evaluation and Control	Prof. Sanjib Chowdhury	IIT Kharagpur	8	2	https://npTEL.ac.in/courses/110105167	20-07-26	27-07-26	14-08-26
27	5	PEC - 01	Civil Engineering	6	noc26-ce132	Advanced Structural Analysis	Prof. Devesh Punera	IIT Bhubaneswar	12	3	https://npTEL.ac.in/courses/105105690	20-07-26	27-07-26	14-08-26
28	5	PEC - 02			noc26-ce157	Pavement Construction Technology	Prof. Rajan Choudhary	IIT Guwahati	12	3	https://npTEL.ac.in/courses/105103685	20-07-26	27-07-26	14-08-26
29	5	MOPEC - 02			noc26-cs188	Programming with Generative AI	Prof. Viraj Kumar	IISc Bangalore	8	2	https://npTEL.ac.in/courses/106108703	17-08-26	17-08-26	28-08-26
30	6	PEC - 03			noc26-ce147	Foundation Engineering	Prof. Kousik Deb	IIT Kharagpur	12	3	https://npTEL.ac.in/courses/105105176	20-07-26	27-07-26	14-08-26
31	6	PEC - 04			noc26-ce137	Introduction to Multimodal Urban Transportation Systems (MUTS)	Prof. Arkopal Kishore Goswami	IIT Kharagpur	12	3	https://npTEL.ac.in/courses/105105204	20-07-26	27-07-26	14-08-26
32	6	MOPEC - 03			noc26-me201	High Performance Computing for Scientists and Engineers	Prof. Somnath Roy	IIT Kharagpur	8	2	https://npTEL.ac.in/courses/112105293	17-08-26	17-08-26	28-08-26
33	7	PEC - 05			noc26-ce154	Reliability-Based Structural Design	Prof. Arunasis Chakarborty	IIT Guwahati	12	3	https://npTEL.ac.in/courses/105103224	20-07-26	27-07-26	14-08-26
34	7	PEC - 06			noc26-ce161	Fire Protection, Services and Maintenance Management of Building	Prof. B Bhattacharjee	IIT Delhi	12	3	https://npTEL.ac.in/courses/105102176	20-07-26	27-07-26	14-08-26
35	7	MOPEC - 04			noc26-mg98	Project Management: Planning, Execution, Evaluation and Control	Prof. Sanjib Chowdhury	IIT Kharagpur	8	2	https://npTEL.ac.in/courses/110105167	20-07-26	27-07-26	14-08-26
36	5	PEC - 01	Environment Engineering	13	noc26-ce105	Groundwater Engineering	Prof. Arun K. Saraf	IIT Roorkee	12	3	https://npTEL.ac.in/courses/105107473	20-07-26	27-07-26	14-08-26
37	5	PEC - 02			noc26-ce162	Sustainable Materials and Green Buildings	Prof. B Bhattacharjee	IIT Delhi	12	3	https://npTEL.ac.in/courses/105102195	20-07-26	27-07-26	14-08-26
38	5	MOPEC - 02			noc26-cs188	Programming with Generative AI	Prof. Viraj Kumar	IISc Bangalore	8	2	https://npTEL.ac.in/courses/106108703	17-08-26	17-08-26	28-08-26
39	6	PEC - 03			noc26-ch73	Basic Environmental Engineering and Pollution Abatement	Prof. P. Mondal	IIT Roorkee	12	3	https://npTEL.ac.in/courses/103107215	20-07-26	27-07-26	14-08-26
40	6	PEC - 04			noc26-ce140	Wastewater Treatment and Recycling	Prof. Manoj Kumar Tiwari	IIT Kanpur	12	3	https://npTEL.ac.in/courses/105105178	20-07-26	27-07-26	14-08-26
41	6	MOPEC - 03			noc26-ch60	Technologies for Clean and Renewable Energy Production	Prof. P. Mondal	IIT Roorkee	8	2	https://npTEL.ac.in/courses/103107157	20-07-26	27-07-26	14-08-26
42	7	PEC - 05			noc26-ge91	Solar Energy Engineering and Technology	Prof. Pankaj Kalita	IIT Guwahati	12	3	https://npTEL.ac.in/courses/115103123	20-07-26	27-07-26	14-08-26
43	7	PEC - 06			noc26-ge81	Carbon Accounting and Sustainable Designs in Product Lifecycle Management	Prof. Deepu Philip, Prof. Amandeep Singh Oberoi, Prof. Prabal Pratap Singh	IIT Kanpur	12	3	https://npTEL.ac.in/courses/121104452	20-07-26	27-07-26	14-08-26
44	7	MOPEC - 04			noc26-mg145	Innovation, Business Models and Entrepreneurship	Prof. Rajat Agrawal Prof. Vinay Sharma	IIT Roorkee	8	2	https://npTEL.ac.in/courses/110107094	17-08-26	17-08-26	28-08-26
45	5	PEC - 01	Textile Technology	29	noc26-te12	Textile Finishing	Prof. Kushal Sen	IIT Delhi	12	3	https://npTEL.ac.in/courses/116102054	20-07-26	27-07-26	14-08-26
46	5	PEC - 02			noc26-te14	Science and Technology of Weft and Warp Knitting	Prof. Bipin Kumar	IIT Delhi	12	3	https://npTEL.ac.in/courses/116102056	20-07-26	27-07-26	14-08-26
47	5	MOPEC - 02			noc26-ge58	Technical Communication for Engineers	Prof. Arun K. Saraf	IIT Roorkee	4	2	https://npTEL.ac.in/courses/121107451	20-07-26	27-07-26	14-08-26
48	6	MOPEC - 03			noc26-ge61	Teaching and Learning in General Programs: TALG	Prof. N. J. Rao	IISc Bangalore	4	2	https://npTEL.ac.in/courses/127108015	20-07-26	27-07-26	14-08-26

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49	7	PEC - 05			noc26-te13	Technical Textiles	Prof. Apurba Das	IIT Delhi	12	3	https://npTEL.ac.in/courses/116102057	20-07-26	27-07-26	14-08-26
50	7	MOPEC - 04			noc26-hs210	Environmental Science	Prof. Shamik Chowdhury, Prof. Sudha Goel	IIT Kharagpur	12	2	https://npTEL.ac.in/courses/109105203	20-07-26	27-07-26	14-08-26
51	5	PEC - 01	Electronics & Communication Engineering	11	noc26-ee108	Advance Power Electronics and Control	Prof. Avik Bhattacharya	IIT Roorkee	8	3	https://npTEL.ac.in/courses/108107128	20-07-26	27-07-26	14-08-26
52	5	PEC - 02			noc26-ee113	Sensor Technologies: Physics, Fabrication, and Circuits	Prof. Mitradip Bhattacharjee	IISER Bhopal	8	3	https://npTEL.ac.in/courses/108106193	20-07-26	27-07-26	14-08-26
53	5	MOPEC - 02			noc26-ee198	Signal Processing Algorithms and Architectures	Prof. Anirban Dasgupta	IIT Guwahati	4	2	https://npTEL.ac.in/courses/117103725	17-08-26	17-08-26	28-08-26
54	6	PEC - 03			noc26-ee202	Analysis and Design Principles of Microwave Antennas	Prof. Amitabha Bhattacharya	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/108105114	22-05-26	17-08-26	28-08-26
55	6	PEC - 04			noc26-ee115	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	Prof. Aditya K. Jagannatham	IIT Kanpur	8	3	https://npTEL.ac.in/courses/117104115	20-07-26	27-07-26	14-08-26
56	6	MOPEC - 03			noc26-ee104	Basics of Software Defined Radios and Practical Applications	Prof. Meenakshi Rawat	IIT Roorkee	4	2	https://npTEL.ac.in/courses/108107107	20-07-26	27-07-26	14-08-26
57	7	PEC - 05			noc26-ee118	VLSI Interconnects	Prof. Sarang Pendharker	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/108105187	20-07-26	27-07-26	14-08-26
58	7	PEC - 06			noc26-ee201	Introduction to Adaptive Signal Processing	Prof. Mrityunjay Chakraborty	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/108105191	17-08-26	17-08-26	28-08-26
59	7	MOPEC - 04			noc26-ee105	Design and Simulation of Power Conversion using Open Source Tools	Prof. L. Umanand	IISc Bangalore	4	2	https://npTEL.ac.in/courses/108108166	20-07-26	27-07-26	14-08-26
60	5	PEC - 01	Electronics & Communication (Communication System Engineering)	54	noc26-ee108	Advance Power Electronics and Control	Prof. Avik Bhattacharya	IIT Roorkee	8	3	https://npTEL.ac.in/courses/108107128	20-07-26	27-07-26	14-08-26
61	5	PEC - 02			noc26-ee113	Sensor Technologies: Physics, Fabrication, and Circuits	Prof. Mitradip Bhattacharjee	IISER Bhopal	8	3	https://npTEL.ac.in/courses/108106193	20-07-26	27-07-26	14-08-26
62	5	MOPEC - 02			noc26-ee198	Signal Processing Algorithms and Architectures	Prof. Anirban Dasgupta	IIT Guwahati	4	2	https://npTEL.ac.in/courses/117103725	17-08-26	17-08-26	28-08-26
63	6	PEC - 03			noc26-ee202	Analysis and Design Principles of Microwave Antennas	Prof. Amitabha Bhattacharya	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/108105114	22-05-26	17-08-26	28-08-26
64	6	PEC - 04			noc26-ee115	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	Prof. Aditya K. Jagannatham	IIT Kanpur	8	3	https://npTEL.ac.in/courses/117104115	20-07-26	27-07-26	14-08-26
65	6	MOPEC - 03			noc26-ee104	Basics of Software Defined Radios and Practical Applications	Prof. Meenakshi Rawat	IIT Roorkee	4	2	https://npTEL.ac.in/courses/108107107	20-07-26	27-07-26	14-08-26
66	7	PEC - 05			noc26-ee118	VLSI Interconnects	Prof. Sarang Pendharker	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/108105187	20-07-26	27-07-26	14-08-26
67	7	PEC - 06			noc26-ee201	Introduction to Adaptive Signal Processing	Prof. Mrityunjay Chakraborty	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/108105191	17-08-26	17-08-26	28-08-26
68	7	MOPEC - 04			noc26-ee105	Design and Simulation of Power Conversion using Open Source Tools	Prof. L. Umanand	IISc Bangalore	4	2	https://npTEL.ac.in/courses/108108166	20-07-26	27-07-26	14-08-26
69	5	PEC - 01			noc26-ee108	Advance Power Electronics and Control	Prof. Avik Bhattacharya	IIT Roorkee	8	3	https://npTEL.ac.in/courses/108107128	20-07-26	27-07-26	14-08-26
70	5	PEC - 02			noc26-ee113	Sensor Technologies: Physics, Fabrication, and Circuits	Prof. Mitradip Bhattacharjee	IISER Bhopal	8	3	https://npTEL.ac.in/courses/108106193	20-07-26	27-07-26	14-08-26
71	5	MOPEC - 02			noc26-ee198	Signal Processing Algorithms and Architectures	Prof. Anirban Dasgupta	IIT Guwahati	4	2	https://npTEL.ac.in/courses/117103725	17-08-26	17-08-26	28-08-26
72	6	PEC - 03			noc26-ee202	Analysis and Design Principles of Microwave Antennas	Prof. Amitabha Bhattacharya	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/108105114	22-05-26	17-08-26	28-08-26

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73	6	PEC - 04	Electronics Engineering	10	noc26-ee115	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	Prof. Aditya K. Jagannatham	IIT Kanpur	8	3	https://nptel.ac.in/courses/117104115	20-07-26	27-07-26	14-08-26
74	6	MOPEC - 03			noc26-ee104	Basics of Software Defined Radios and Practical Applications	Prof. Meenakshi Rawat	IIT Roorkee	4	2	https://nptel.ac.in/courses/108107107	20-07-26	27-07-26	14-08-26
75	7	PEC - 05			noc26-ee118	VLSI Interconnects	Prof. Sarang Pendharker	IIT Kharagpur	8	3	https://nptel.ac.in/courses/108105187	20-07-26	27-07-26	14-08-26
76	7	PEC - 06			noc26-ee201	Introduction to Adaptive Signal Processing	Prof. Mrityunjay Chakraborty	IIT Kharagpur	8	3	https://nptel.ac.in/courses/108105191	17-08-26	17-08-26	28-08-26
77	7	MOPEC - 04			noc26-ee105	Design and Simulation of Power Conversion using Open Source Tools	Prof. L. Umanand	IISc Bangalore	4	2	https://nptel.ac.in/courses/108108166	20-07-26	27-07-26	14-08-26
78	5	PEC - 01	Instrumentation and Control	17	noc26-mg159	Patent Search for Engineers and Lawyers	Prof. M. Padmavati Prof. Shreya Matilal	IIT Kharagpur	8	3	https://nptel.ac.in/courses/110105140	17-08-26	17-08-26	28-08-26
79	5	PEC - 02			noc26-cs119	Introduction to Machine Learning - IITKGP	Prof. Sudeshna Sarkar	IIT Kharagpur	8	3	https://nptel.ac.in/courses/106105152	20-07-26	27-07-26	14-08-26
80	5	MOPEC - 02			noc26-hs149	Patent Drafting for Beginners	Prof. Feroz Ali	IIT Madras	4	2	https://nptel.ac.in/courses/109106128	20-07-26	27-07-26	14-08-26
81	6	PEC - 03			noc26-me127	Robotics	Prof. Dk Pratihari	IIT Kharagpur	8	3	https://nptel.ac.in/courses/112105249	20-07-26	27-07-26	14-08-26
82	6	PEC - 04			noc26-cs188	Programming with Generative AI	Prof. Viraj Kumar	IISc Bangalore	8	3	https://nptel.ac.in/courses/106108703	17-08-26	17-08-26	28-08-26
83	6	MOPEC - 03			noc26-cs107	Python for Data Science	Prof. Ragunathan Rengasamy	IIT Madras	4	2	https://nptel.ac.in/courses/106106212	20-07-26	27-07-26	14-08-26
84	7	PEC - 05			noc26-ee106	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	Prof. Yogesh Vijay Hote	IIT Roorkee	8	3	https://nptel.ac.in/courses/108107115	20-07-26	27-07-26	14-08-26
85	7	PEC - 06			noc26-me123	Power Plant Engineering	Prof. Ravi Kumar	IIT Roorkee	8	3	https://nptel.ac.in/courses/112107291	20-07-26	27-07-26	14-08-26
86	7	MOPEC - 04			noc26-ge101	Intelligent Feedback and Control	Prof. Leena Vachhani	IIT Bombay	4	2	https://nptel.ac.in/courses/127101530	17-08-26	17-08-26	28-08-26
87	5	PEC - 01	Electronics and Instrumentation	47	noc26-mg159	Patent Search for Engineers and Lawyers	Prof. M. Padmavati Prof. Shreya Matilal	IIT Kharagpur	8	3	https://nptel.ac.in/courses/110105140	17-08-26	17-08-26	28-08-26
88	5	PEC - 02			noc26-cs119	Introduction to Machine Learning - IITKGP	Prof. Sudeshna Sarkar	IIT Kharagpur	8	3	https://nptel.ac.in/courses/106105152	20-07-26	27-07-26	14-08-26
89	5	MOPEC - 02			noc26-hs149	Patent Drafting for Beginners	Prof. Feroz Ali	IIT Madras	4	2	https://nptel.ac.in/courses/109106128	20-07-26	27-07-26	14-08-26
90	6	PEC - 03			noc26-me127	Robotics	Prof. Dk Pratihari	IIT Kharagpur	8	3	https://nptel.ac.in/courses/112105249	20-07-26	27-07-26	14-08-26
91	6	PEC - 04			noc26-cs188	Programming with Generative AI	Prof. Viraj Kumar	IISc Bangalore	8	3	https://nptel.ac.in/courses/106108703	17-08-26	17-08-26	28-08-26
92	6	MOPEC - 03			noc26-cs107	Python for Data Science	Prof. Ragunathan Rengasamy	IIT Madras	4	2	https://nptel.ac.in/courses/106106212	20-07-26	27-07-26	14-08-26
93	7	PEC - 05			noc26-ee197	Software-Defined Radio (SDR) Hands-on for Communication Systems Design	Prof. Suraj Srivastava	IIT Jodhpur	8	3	https://nptel.ac.in/courses/108104002	17-08-26	17-08-26	28-08-26
94	7	PEC - 06			noc26-cs120	Hardware Modeling using Verilog	Prof. Indranil Sengupta	IIT Kharagpur	8	3	https://nptel.ac.in/courses/106105165	20-07-26	27-07-26	14-08-26
95	7	MOPEC - 04			noc26-ee198	Signal Processing Algorithms and Architectures	Prof. Anirban Dasgupta	IIT Guwahati	4	2	https://nptel.ac.in/courses/117103725	17-08-26	17-08-26	28-08-26

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Sr.No	Sem	Subject Category	Branch Name	Branch Code	Course ID	Subject Name	Faculty Name	Offering Institute	Duration (Weeks)	Credits	Link	Course Start Date	Enrollment End Date	Exam Registration End Date
96	5	PEC - 01	Biomedical Engineering	3	noc26-ee113	Sensor Technologies: Physics, Fabrication, and Circuits	Prof. Mitradip Bhattacharjee	IISER Bhopal	8	3	https://npTEL.ac.in/courses/108106193	20-07-26	27-07-26	14-08-26
97	5	PEC - 02			noc26-ee200	Electronic Modules for Industrial Applications using Op-Amps	Prof. Hardik Jeetendra Pandya	IISc Bangalore	8	3	https://npTEL.ac.in/courses/108108125	17-08-26	17-08-26	28-08-26
98	5	MOPEC - 02			noc26-ge59	Electrocardiogram - Interpretation and Application in Clinical Practice	Prof. Brinda Srinivasagopalane & Team	Chettinad Hospital and Research Institute	4	2	https://npTEL.ac.in/courses/127106232	20-07-26	27-07-26	14-08-26
99	6	PEC - 03			noc26-cs119	Introduction to Machine Learning - IITKGP	Prof. Sudeshna Sarkar	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/106105152	20-07-26	27-07-26	14-08-26
100	6	PEC - 04			noc26-ge97	Healthcare Administration & Management	Prof. Jithesh V, Prof. Neeraj Garg, Prof. Deepti Sahran	Armed Forces Medical College, Pune	8	3	https://npTEL.ac.in/courses/127106007	17-08-26	17-08-26	28-08-26
101	6	MOPEC - 03			noc26-hs149	Patent Drafting for Beginners	Prof. Feroz Ali	IIT Madras	4	2	https://npTEL.ac.in/courses/109106128	20-07-26	27-07-26	14-08-26
102	7	PEC - 05			noc26-me199	Biomechanics of Joints and Orthopaedic Implants	Prof. Sanjay Gupta	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/112105305	17-08-26	17-08-26	28-08-26
103	7	PEC - 06			noc26-hs164	Entrepreneurship and IP Strategy	Prof. Gouri Gargate	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/109105176	20-07-26	27-07-26	14-08-26
104	7	MOPEC - 04			noc26-me112	Product Design And Development	Prof. Inderdeep Singh	IIT Roorkee	4	2	https://npTEL.ac.in/courses/112107217	20-07-26	27-07-26	14-08-26
105	5	PEC - 01	Electrical Engineering	9	noc26-ge98	Renewable Energy Sources: Fundamentals and Technologies	Prof. Sonal K Thengane	IIT Roorkee	8	3	https://npTEL.ac.in/courses/127107001	17-08-26	17-08-26	28-08-26
106	5	PEC - 02			noc26-ee200	Electronic Modules for Industrial Applications using Op-Amps	Prof. Hardik Jeetendra Pandya	IISc Bangalore	8	3	https://npTEL.ac.in/courses/108108125	17-08-26	17-08-26	28-08-26
107	5	MOPEC - 02			noc26-mm56	Fundamentals of Electronic Device Fabrication	Prof. Parasuraman Swaminathan	IIT Madras	4	2	https://npTEL.ac.in/courses/113106062	20-07-26	27-07-26	14-08-26
108	6	PEC - 03			noc26-ee106	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	Prof. Yogesh Vijay Hote	IIT Roorkee	8	3	https://npTEL.ac.in/courses/108107115	20-07-26	27-07-26	14-08-26
109	6	PEC - 04			noc26-ge105	Artificial Intelligence in Industrial and Management Engineering	Prof. Deepu Philip, Prof. Prabal Pratap Singh	IIT Kanpur	8	3	https://npTEL.ac.in/courses/127104664	17-08-26	17-08-26	28-08-26
110	6	MOPEC - 03			noc26-cs185	Software Conceptual Design	Prof. Sridhar Iyer, Prof. Prajish Prasad, Prof. T. G. Lakshmi	IIT Bombay	4	2	https://npTEL.ac.in/courses/106101235	17-08-26	17-08-26	28-08-26
111	7	PEC - 05			noc26-ee107	Dc Microgrid and Control System	Prof. Avik Bhattacharya	IIT Roorkee	8	3	https://npTEL.ac.in/courses/108107143	20-07-26	27-07-26	14-08-26
112	7	PEC - 06			noc26-ee108	Advance Power Electronics and Control	Prof. Avik Bhattacharya	IIT Roorkee	8	3	https://npTEL.ac.in/courses/108107128	20-07-26	27-07-26	14-08-26
113	7	MOPEC - 04			noc26-ma140	Linear Algebra for Machine Learning and Quantum Computing	Prof. Ranveer Singh	IIT Indore	4	2	https://npTEL.ac.in/courses/111106004	17-08-26	17-08-26	28-08-26
114	5	PEC - 01	Aeronautical Engineering	1	noc26-me125	Introduction to Mechanical Vibration	Prof. Anil Kumar	IIT Roorkee	8	3	https://npTEL.ac.in/courses/112107212	20-07-26	27-07-26	14-08-26
115	5	PEC - 02			noc26-ae24	Design of Fixed Wing Unmanned Aerial Vehicles	Prof. Saderla Subrahmanyam	IIT Kanpur	8	3	https://npTEL.ac.in/courses/101104073	20-07-26	27-07-26	14-08-26
116	5	MOPEC - 02			noc26-ge79	Research Methodology	Prof. Edamana Prasad, Prof. Prathap Haridoss	IIT Madras	4	2	https://npTEL.ac.in/courses/121106007	20-07-26	27-07-26	14-08-26
117	6	PEC - 03			noc26-me123	Power Plant Engineering	Prof. Ravi Kumar	IIT Roorkee	8	3	https://npTEL.ac.in/courses/112107291	20-07-26	27-07-26	14-08-26
118	6	PEC - 04			noc26-me197	Weldability of Metals	Prof. Varun Sharma, Prof. Dheerendra Kumar Dwivedi	IIT Roorkee	8	3	https://npTEL.ac.in/courses/112107257	17-08-26	17-08-26	28-08-26

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Sr.No	Sem	Subject Category	Branch Name	Branch Code	Course ID	Subject Name	Faculty Name	Offering Institute	Duration (Weeks)	Credits	Link	Course Start Date	Enrollment End Date	Exam Registration End Date
119	6	MOPEC - 03			noc26-ge58	Technical Communication for Engineers	Prof. Arun K. Saraf	IIT Roorkee	4	2	https://npTEL.ac.in/courses/121107451	20-07-26	27-07-26	14-08-26
120	7	PEC - 05			noc26-me126	Basics of Finite Element Analysis - I	Prof. Nachiketa Tiwari	IIT Kanpur	8	3	https://npTEL.ac.in/courses/12104193	20-07-26	27-07-26	14-08-26
121	7	PEC - 06			noc26-me127	Robotics	Prof. Dk Pratihari	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/12105249	20-07-26	27-07-26	14-08-26
122	7	MOPEC - 04			noc26-ge101	Intelligent Feedback and Control	Prof. Leena Vachhani	IIT Bombay	4	2	https://npTEL.ac.in/courses/127101530	17-08-26	17-08-26	28-08-26
123	5	PEC - 01	Mechatronics Engineering	20	noc26-ge105	Artificial Intelligence in Industrial and Management Engineering	Prof. Deepu Philip, Prof. Prabal Pratap Singh	IIT Kanpur	8	3	https://npTEL.ac.in/courses/127104664	17-08-26	17-08-26	28-08-26
124	5	PEC - 02			noc26-ee201	Introduction to Adaptive Signal Processing	Prof. Mrityunjay Chakraborty	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/108105191	17-08-26	17-08-26	28-08-26
125	5	MOPEC - 02			noc26-mg142	Business and Sustainable Development	Prof. Trupti Mishra	IIT Bombay	4	2	https://npTEL.ac.in/courses/110101153	17-08-26	17-08-26	28-08-26
126	6	PEC - 03			noc26-me201	High Performance Computing for Scientists and Engineers	Prof. Somnath Roy	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/112105293	17-08-26	17-08-26	28-08-26
127	6	PEC - 04			noc26-mm64	Nanotechnology, Science and Applications	Prof. Prathap Haridoss	IIT Madras	8	3	https://npTEL.ac.in/courses/113106093	20-07-26	27-07-26	14-08-26
128	6	MOPEC - 03			noc26-cs186	Mobile Virtual Reality and Artificial Intelligence	Prof. Varun Dutt	IIT Mandi	4	2	https://npTEL.ac.in/courses/106106696	17-08-26	17-08-26	28-08-26
129	7	PEC - 05			noc26-me126	Basics of Finite Element Analysis - I	Prof. Nachiketa Tiwari	IIT Kanpur	8	3	https://npTEL.ac.in/courses/112104193	20-07-26	27-07-26	14-08-26
130	7	PEC - 06			noc26-cs119	Introduction to Machine Learning - IITKGP	Prof. Sudeshna Sarkar	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/106105152	20-07-26	27-07-26	14-08-26
131	7	MOPEC - 04			noc26-me116	Foundations of Cognitive Robotics	Prof. Bishakh Bhattacharya	IIT Kanpur	4	2	https://npTEL.ac.in/courses/112104293	20-07-26	27-07-26	14-08-26
132	5	PEC - 01			noc26-me200	Mechanism and Robot Kinematics	Prof. Anirvan Dasgupta	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/112105236	17-08-26	17-08-26	28-08-26
133	5	PEC - 02	Mechanical Engineering	19	noc26-me119	Foundation of Computational Fluid Dynamics	Prof. Vengadesan	IIT Madras	8	3	https://npTEL.ac.in/courses/112106186	20-07-26	27-07-26	14-08-26
134	5	MOPEC - 02			noc26-de20	Understanding Design	Prof. Nina Sabnani	IIT Bombay	4	2	https://npTEL.ac.in/courses/107101087	20-07-26	27-07-26	14-08-26
135	6	PEC - 03			noc26-me202	Advanced Machining Processes	Prof. Manas Das	IIT Guwahati	8	3	https://npTEL.ac.in/courses/112103202	17-08-26	17-08-26	28-08-26
136	6	PEC - 04			noc26-ge98	Renewable Energy Sources: Fundamentals and Technologies	Prof. Sonal K Thengane	IIT Roorkee	8	3	https://npTEL.ac.in/courses/1127107001	17-08-26	17-08-26	28-08-26
137	6	MOPEC - 03			noc26-hs147	Water, Society and Sustainability	Prof. Jenia Mukherjee	IIT Kharagpur	4	2	https://npTEL.ac.in/courses/109105136	20-07-26	27-07-26	14-08-26
138	7	PEC - 05			noc26-me124	Refrigeration and Air-conditioning	Prof. Ravi Kumar	IIT Roorkee	8	3	https://npTEL.ac.in/courses/112107208	20-07-26	27-07-26	14-08-26
139	7	PEC - 06			noc26-me128	Welding Application Technology	Prof. Pankaj Biswas	IIT Guwahati	8	3	https://npTEL.ac.in/courses/112103305	20-07-26	27-07-26	14-08-26
140	7	MOPEC - 04			noc26-hs149	Patent Drafting for Beginners	Prof. Feroz Ali	IIT Madras	4	2	https://npTEL.ac.in/courses/109106128	20-07-26	27-07-26	14-08-26
141	5	PEC - 01	Metallurgy Engineering	21	noc26-mm60	Nature and Properties of Materials - An Introductory Course	Prof. Ashish Garg	IIT Kanpur	8	3	https://npTEL.ac.in/courses/113104076	20-07-26	27-07-26	14-08-26
142	5	PEC - 02			noc26-me203	Laser Based Manufacturing	Prof. Shrikrishna N. Joshi	IIT Guwahati	8	3	https://npTEL.ac.in/courses/112103312	17-08-26	17-08-26	28-08-26
143	5	MOPEC - 02			noc26-ge58	Technical Communication for Engineers	Prof. Arun K. Saraf	IIT Roorkee	4	2	https://npTEL.ac.in/courses/1121107451	20-07-26	27-07-26	14-08-26
144	6	PEC - 03			noc26-mm61	Fundamentals of Material Processing - I	Prof. Shashank Shekhar	IIT Kanpur	8	3	https://npTEL.ac.in/courses/113104073	20-07-26	27-07-26	14-08-26
145	6	PEC - 04			noc26-mm64	Nanotechnology, Science and Applications	Prof. Prathap Haridoss	IIT Madras	8	3	https://npTEL.ac.in/courses/113106093	20-07-26	27-07-26	14-08-26

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146	6	MOPEC - 03			noc26-mg86	Strategic Communication for Sustainable Development	Prof. Aradhna Malik	IIT Kharagpur	4	2	https://npTEL.ac.in/courses/10105073	20-07-26	27-07-26	14-08-26
147	7	PEC - 05			noc26-mm91	Metallurgical and Electronic Waste Recycling	Prof. Arunabh Meshram	IIT Kanpur	8	3	https://npTEL.ac.in/courses/13104529	17-08-26	17-08-26	28-08-26
148	7	PEC - 06			noc26-me204	Advances in Welding and Joining Technologies	Prof. Swarup Bag	IIT Guwahati	8	3	https://npTEL.ac.in/courses/12103244	17-08-26	17-08-26	28-08-26
149	7	MOPEC - 04			noc26-hs224	Research Writing	Prof. Rajeshwari Dutt	IIT Mandi	4	2	https://npTEL.ac.in/courses/109106006	17-08-26	17-08-26	28-08-26
150	5	PEC - 01	Mining Engineering	22	noc26-ce152	Subsurface Exploration: Importance and Techniques Involved	Prof. Abhishek Kumar	IIT Guwahati	12	3	https://npTEL.ac.in/courses/105103182	20-07-26	27-07-26	14-08-26
151	5	PEC - 02			noc26-hs160	Soft Skill Development	Prof. Priyadarshi Patnaik, Prof. V. N. Giri, Prof. D. Suar	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/109105110	20-07-26	27-07-26	14-08-26
152	5	MOPEC - 02			noc26-hs145	Stress Management	Prof. Rajlakshmi Guha	IIT Kharagpur	4	2	https://npTEL.ac.in/courses/121105009	20-07-26	27-07-26	14-08-26
153	6	PEC - 03			noc26-ce100	Remote Sensing and GIS	Prof. Rishikesh Bharti	IIT Guwahati	8	3	https://npTEL.ac.in/courses/105103193	20-07-26	27-07-26	14-08-26
154	6	PEC - 04			noc26-mg94	Project Management	Prof. Raghu Nandan Sengupta	IIT Kanpur	8	3	https://npTEL.ac.in/courses/10104073	20-07-26	27-07-26	14-08-26
155	6	MOPEC - 03			noc26-mg82	Cost Accounting	Prof. Varadraj Bapat	IIT Bombay	4	2	https://npTEL.ac.in/courses/10101132	20-07-26	27-07-26	14-08-26
156	7	PEC - 05			noc26-mg146	Strategic Management - The Competitive Edge	Prof. R Srinivasan	IISc Bangalore	8	3	https://npTEL.ac.in/courses/10108161	17-08-26	17-08-26	28-08-26
157	7	PEC - 06			noc26-mg158	Ethics in Engineering Practice	Prof. Susmita Mukhopadhyay	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/10105097	17-08-26	17-08-26	28-08-26
158	7	MOPEC - 04			noc26-ge58	Technical Communication for Engineers	Prof. Arun K. Saraf	IIT Roorkee	4	2	https://npTEL.ac.in/courses/121107451	20-07-26	27-07-26	14-08-26
159	5	PEC - 01	Automobile Engineering	2	noc26-ge98	Renewable Energy Sources: Fundamentals and Technologies	Prof. Sonal K Thengane	IIT Roorkee	8	3	https://npTEL.ac.in/courses/127107001	17-08-26	17-08-26	28-08-26
160	5	PEC - 02			noc26-me125	Introduction to Mechanical Vibration	Prof. Anil Kumar	IIT Roorkee	8	3	https://npTEL.ac.in/courses/12107212	20-07-26	27-07-26	14-08-26
161	5	MOPEC - 02			noc26-me113	Product Design Using Value Engineering	Prof. Inderdeep Singh	IIT Roorkee	4	2	https://npTEL.ac.in/courses/12107282	20-07-26	27-07-26	14-08-26
162	6	PEC - 03			noc26-me119	Foundation of Computational Fluid Dynamics	Prof. Vengadesan	IIT Madras	8	3	https://npTEL.ac.in/courses/12106186	20-07-26	27-07-26	14-08-26
163	6	PEC - 04			noc26-me124	Refrigeration and Air-conditioning	Prof. Ravi Kumar	IIT Roorkee	8	3	https://npTEL.ac.in/courses/12107208	20-07-26	27-07-26	14-08-26
164	6	MOPEC - 03			noc26-de22	Ergonomics Workplace Analysis	Prof. Urmi R. Salve	IIT Guwahati	4	2	https://npTEL.ac.in/courses/107103085	20-07-26	27-07-26	14-08-26
165	7	PEC - 05			noc26-hs237	Energy Economics And Policy	Prof. Shyamasree Dasgupta	IIT Mandi	8	3	https://npTEL.ac.in/courses/109106161	17-08-26	17-08-26	28-08-26
166	7	PEC - 06			noc26-me126	Basics of Finite Element Analysis - I	Prof. Nachiketa Tiwari	IIT Kanpur	8	3	https://npTEL.ac.in/courses/12104193	20-07-26	27-07-26	14-08-26
167	7	MOPEC - 04			noc26-cs186	Mobile Virtual Reality and Artificial Intelligence	Prof. Varun Dutt	IIT Mandi	4	2	https://npTEL.ac.in/courses/106106696	17-08-26	17-08-26	28-08-26
168	5	PEC - 01	Manufacturing Engineering/Industrial Engineering		noc26-me127	Robotics	Prof. Dk Pratihari	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/12105249	20-07-26	27-07-26	14-08-26
169	5	PEC - 02			noc26-mg144	Toyota Production System	Prof. Rajat Agrawal	IIT Roorkee	8	3	https://npTEL.ac.in/courses/10107130	17-08-26	17-08-26	28-08-26
170	5	MOPEC - 02			noc26-de20	Design Engineering	Prof. Nina Sabnani	IIT Bombay	4	2	https://npTEL.ac.in/courses/107101087	20-07-26	27-07-26	14-08-26
171	6	PEC - 03			noc26-me200	Mechanism and Robot Kinematics	Prof. Anirvan Dasgupta	IIT Kharagpur	8	3	https://npTEL.ac.in/courses/12105236	17-08-26	17-08-26	28-08-26

List of MOOCs (Jul-Dec 2026) for Odd Term A.Y. 2026-27 of Bachelor of Engineering (Part - I)

* Students can complete the MOOC either before the semester (Fast Track) or during the same semester in which the elective is offered. Students opting for MOOCs in the same semester must appear for the respective NPTEL/SWAYAM examination. Students and Faculty Members are informed to go through the Revised MOOCs guidelines available on GTU website and all details of Courses on NPTEL.

Link: Revised Guidelines for Implementation of Massive Open Online Courses (MOOCs) & Integration of Skilling-based Courses w.e.f. Academic Year 2024-25 (Applicable for students enrolled in A.Y. 2024-25 and onwards) Amendment in Existing Guidelines of Massive Open Online Courses (MOOCs) w.e.f. A.Y. 2026-27														
Sr.No	Sem	Subject Category	Branch Name	Branch Code	Course ID	Subject Name	Faculty Name	Offering Institute	Duration (Weeks)	Credits	Link	Course Start Date	Enrollment End Date	Exam Registration End Date
172	6	PEC - 04	Engineering Industrial Engineering/Production Engineering	15/34/25	noc26-me125	Introduction to Mechanical Vibration	Prof. Anil Kumar	IIT Roorkee	8	3	https://nptel.ac.in/courses/12107212	20-07-26	27-07-26	14-08-26
173	6	MOPEC - 03			noc26-mg86	Strategic Communication for Sustainable Development	Prof. Aradhna Malik	IIT Kharagpur	4	2	https://nptel.ac.in/courses/10105073	20-07-26	27-07-26	14-08-26
174	7	PEC - 05			noc26-me203	Laser Based Manufacturing	Prof. Shrikrishna N. Joshi	IIT Guwahati	8	3	https://nptel.ac.in/courses/12103312	17-08-26	17-08-26	28-08-26
175	7	PEC - 06			noc26-me196	Engineering Economic Analysis	Prof. Pradeep Kumar Jha	IIT Roorkee	8	3	https://nptel.ac.in/courses/12107209	17-08-26	17-08-26	28-08-26
176	7	MOPEC - 04			noc26-hs224	Research Writing	Prof. Rajeshwari Dutt	IIT Mandi	4	2	https://nptel.ac.in/courses/109106006	17-08-26	17-08-26	28-08-26
177	5	PEC - 01			noc26-me200	Mechanism and Robot Kinematics	Prof. Anirvan Dasgupta	IIT Kharagpur	8	3	https://nptel.ac.in/courses/12105236	17-08-26	17-08-26	28-08-26
178	5	PEC - 02	Robotics & Automation	41	noc26-me120	Mechanics and Control of Robotic Manipulators	Prof. Santhakumar Mohan	IIT Palakkad	8	3	https://nptel.ac.in/courses/12106304	20-07-26	27-07-26	14-08-26
179	5	MOPEC - 02			noc26-cs178	Computer Graphics	Prof. Samit Bhattacharya	IIT Guwahati	4	2	https://nptel.ac.in/courses/106103224	20-07-26	27-07-26	14-08-26
180	6	PEC - 03			noc26-me127	Robotics	Prof. Dk Pratihari	IIT Kharagpur	8	3	https://nptel.ac.in/courses/12105249	20-07-26	27-07-26	14-08-26
181	6	PEC - 04			noc26-me139	Microrobotics	Prof. I. A. Palani	IIT Indore	12	3	https://nptel.ac.in/courses/12106772	20-07-26	27-07-26	14-08-26
182	6	MOPEC - 03			noc26-de20	Understanding Design	Prof. Nina Sabnani	IIT Bombay	4	2	https://nptel.ac.in/courses/107101087	20-07-26	27-07-26	14-08-26
183	7	PEC - 05			noc26-cs183	Introduction to Application of Artificial Intelligence to Robotics	Prof. Pushparaj Mani Pathak	IIT Roorkee	12	3	https://nptel.ac.in/courses/106107001	20-07-26	27-07-26	14-08-26
184	7	PEC - 06			noc26-ee113	Sensor Technologies: Physics, Fabrication, and Circuits	Prof. Mitradip Bhattacharjee	IISER Bhopal	8	3	https://nptel.ac.in/courses/108106193	20-07-26	27-07-26	14-08-26
185	7	MOPEC - 04			noc26-cs107	Python for Data Science	Prof. Ragunathan Rengasamy	IIT Madras	4	2	https://nptel.ac.in/courses/106106212	20-07-26	27-07-26	14-08-26