

List of MOOCs for Students of Bachelor Engineering Even Term (January 2026) of A.Y. 2024-25 and 2025-26. Students and Faculty Members are informed to go through the Revised MOOCs guidelines available on GTU website and all details of Courses on NPTEL / SWAYAM (PART-2)

Sr.No	Branch Name	Branch Code	Sem	Course ID	Category	Subject Name	Faculty Name	Offering Institute	Duration (Weeks)	Credits	Link
1	Civil Engineering	6	5	noc26-ce29	PEC-01 (MOOC)	Geology and Soil Mechanics	Prof. Priyanka Ghosh	IIT Kanpur	12 Weeks	3	nptel.ac.in/courses/105104147
		6	5	noc26-ce11	PEC-02 (MOOC)	Smart Cities	Prof. Neelima Satyam Prof. Priyansh Singh	IIT Indore	12 Weeks	3	nptel.ac.in/courses/105106832
		6	5	noc26-ce08	MOPEC-02 (MOOC)	Basics of Climate Modeling	Prof. Asif Qureshi	IIT Hyderabad	8 Weeks	2	nptel.ac.in/courses/105106829
		6	6	noc26-ce50	PEC-03 (MOOC)	Geotechnical Engineering II Foundation Engineering	Prof. Dilip Kumar Baidya	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/105105185
		6	6	noc26-ce48	PEC-04 (MOOC)	Urban Transportation Systems Planning	Prof. Bhargab Maitra	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/105105208
		6	6	noc26-ce33	MOPEC-03 (MOOC)	निर्माण प्रबंधन (Construction Management) के सिद्धांत [Nirman prabandhan (Construction Management) ke Siddhant]	Prof. Sudhir Misra	IIT Kanpur	8 Weeks	2	nptel.ac.in/courses/105104348
		6	7	noc26-ce03	PEC-05 (MOOC)	Reinforced Concrete Design	Prof. Arunasis Chakraborty	IIT Guwahati	12 Weeks	3	nptel.ac.in/courses/105103824
2	Environmental Engineering	6	7	noc26-mg53	MOPEC-04 (MOOC)	Infrastructure Economics	Prof. Nalin Bharti	IIT Patna	8 Weeks	2	nptel.ac.in/courses/109106089
		13	5	noc26-ge11	PEC-01 (MOOC)	Groundwater Hydrology and management	Prof. Pennan Chinnasamy	IIT Bombay	12 Weeks	3	nptel.ac.in/courses/105101214
		13	5	noc26-ce15	PEC-02 (MOOC)	Remote Sensing and GIS for Rural Development	Prof. Pennan Chinnasamy	IIT Bombay	12 Weeks	3	nptel.ac.in/courses/105101221
		13	5	noc26-ch07	MOPEC-02 (MOOC)	Electrochemical Technology in Pollution Control	Prof. J. R. Mudakavi	IISc Bangalore	8 Weeks	2	nptel.ac.in/courses/103108162
		13	6	noc26-ce13	PEC-03 (MOOC)	Climate Change Science	Prof. J. Srinivasan	IISc Bangalore	12 Weeks	3	nptel.ac.in/courses/120108558
		13	6	noc26-ce40	PEC-04 (MOOC)	Industrial Wastewater Treatment	Prof. Alok Sinha, Prof S K Gupta	IIT-ISM Dhanbad	12 Weeks	3	nptel.ac.in/courses/105105350
		13	6	noc26-ge08	MOPEC-03 (MOOC)	Environmental Planning and Management	Prof. Sonal K. Thengane	IIT Roorkee	8 Weeks	2	nptel.ac.in/courses/127107876
		13	7	noc26-ce73	PEC-05 (MOOC)	Environmental Remediation of Contaminated Sites	Prof. Bhanu Prakash Vellanki, Prof. Thomas Boving	IIT Roorkee	12 Weeks	3	nptel.ac.in/courses/105107181
		13	7	noc26-ge38	PEC-06 (MOOC)	Non-conventional Energy Resources	Prof. Prathap Haridoss	IIT Madras	12 Weeks	3	nptel.ac.in/courses/121106014
		13	7	noc26-ch49	MOPEC-04 (MOOC)	Waste to Energy Conversion	Prof. P. Mondal	IIT Roorkee	8 Weeks	2	nptel.ac.in/courses/103107125
3	Electronics and Communication Engineering	11	5	noc26-ee62	PEC-01 (MOOC)	RF and Microwave Networks	Prof. Bratin Ghosh	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/108105189
		11	5	noc26-ee08	PEC-02 (MOOC)	IC Design for Wireless Systems	Prof. Abhishek Kumar	IIT Hyderabad	12 Weeks	3	nptel.ac.in/courses/108106869
		11	6	noc26-ee75	PEC-03 (MOOC)	Multirate DSP	Prof. R. David Koilpillai	IIT Madras	12 Weeks	3	nptel.ac.in/courses/108106136
		11	6	noc26-cs33	PEC-04 (MOOC)	Deep Learning for Natural Language Processing	Prof. Pawan Goyal	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/108105572
		11	7	noc26-ee77	PEC-05 (MOOC)	Optical Wireless Communications for Beyond 5G Networks and IoT	Prof. Anand Srivastava	IIT Delhi	12 Weeks	3	nptel.ac.in/courses/108106190
		11	5	noc26-ee17	MOPEC-02 (MOOC)	Electronics Enclosures Thermal issues	Prof. N.V Chalapathi Rao	IISc Bangalore	8 Weeks	2	nptel.ac.in/courses/108108110
		11	6	noc26-ee51	MOPEC-03 (MOOC)	VLSI Signal Processing	Prof. Mrityunjay Chakraborty	IIT Kharagpur	8 Weeks	2	nptel.ac.in/courses/108105157
		11	7	noc26-ee57	MOPEC-04 (MOOC)	Evolution of Air Interface towards 5G	Prof. Suuva Sekhar Das	IIT Kharagpur	8 Weeks	2	nptel.ac.in/courses/108105134
		5	5	noc26-ch47	PEC-01 (MOOC)	Polymer Reaction Engineering	Prof. Shishir Sinha	IIT Roorkee	12 Weeks	3	nptel.ac.in/courses/103107206
		5	5	noc26-ch04	PEC-02 (MOOC)	Fundamental of Carbon Capture, Utilization and Storage	Prof. Archana	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/103105837
4	Chemical Engineering	5	6	noc26-ch16	PEC-03 (MOOC)	Aspen Plus® Simulation Software - A Basic Course for Beginners	Prof. Prabirkumar Saha	IIT Guwahati	12 Weeks	3	nptel.ac.in/courses/103103209
		5	6	noc26-ch23	PEC-04 (MOOC)	Membrane Technology	Prof. Kaustubha Mohanty	IIT Guwahati	12 Weeks	3	nptel.ac.in/courses/103103163
		5	7	noc26-ch42	PEC-06 (MOOC)	Matlab Programming for Numerical Computation	Prof. Niket Kaisare	IIT Madras	12 Weeks	3	nptel.ac.in/courses/103106118
		7	5	noc26-cs84	PEC-01 (MOOC)	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	nptel.ac.in/courses/106106182
		7	5	noc26-mg64	PEC-02 (MOOC)	Business Analytics and Data Mining Modeling using R	Prof. Gaurav Dixit	IIT Roorkee	12 Weeks	3	nptel.ac.in/courses/110107092
5	Computer Engineering	7	6	noc26-ee31	PEC-03 (MOOC)	Computer Vision and Image Processing - Fundamentals and Applications	Prof. M.K. Bhuyan	IIT Guwahati	12 Weeks	3	nptel.ac.in/courses/108103174
		7	6	noc26-cs64	PEC-04 (MOOC)	Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	3	nptel.ac.in/courses/106106361
		7	7	noc26-cs55	PEC-05 (MOOC)	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105167
		7	7	noc26-cs66	PEC-06 (MOOC)	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	nptel.ac.in/courses/106106184
		16	5	noc26-cs84	PEC-01 (MOOC)	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	nptel.ac.in/courses/106106182
6	Information Technology	16	5	noc26-ee31	PEC-02 (MOOC)	Computer Vision and Image Processing - Fundamentals and Applications	Prof. M.K. Bhuyan	IIT Guwahati	12 Weeks	3	nptel.ac.in/courses/108103174
		16	6	noc26-cs64	PEC-03 (MOOC)	Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	3	nptel.ac.in/courses/106106361
		16	6	noc26-cs66	PEC-04 (MOOC)	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	nptel.ac.in/courses/106106184
		16	7	noc26-cs81	PEC-05 (MOOC)	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	3	nptel.ac.in/courses/106106143
		16	7	noc26-cs34	PEC-06 (MOOC)	Blockchain and its Applications	Prof. Sandip ChakrabortyProf. Shamik Sural	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105235
7	Computer Science and Engineering (Data Science)	46	5	noc26-ee31	PEC-01 (MOOC)	Computer Vision and Image Processing - Fundamentals and Applications	Prof. M.K. Bhuyan	IIT Guwahati	12 Weeks	3	nptel.ac.in/courses/108103174
		46	5	noc26-cs48	PEC-02 (MOOC)	Selected Topics in Algorithms	Prof. Palash Dey	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105242
		46	6	noc26-mg64	PEC-03 (MOOC)	Business Analytics and Data Mining Modeling using R	Prof. Gaurav Dixit	IIT Roorkee	12 Weeks	3	nptel.ac.in/courses/110107092
		46	6	noc26-cs66	PEC-04 (MOOC)	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	nptel.ac.in/courses/106106184
		46	7	noc26-cs81	PEC-05 (MOOC)	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	3	nptel.ac.in/courses/106106143
8	Artificial Intelligence and Machine Learning	46	7	noc26-cs55	PEC-06 (MOOC)	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105167
		52	5	noc26-ee31	PEC-01 (MOOC)	Computer Vision and Image Processing - Fundamentals and Applications	Prof. M.K. Bhuyan	IIT Guwahati	12 Weeks	3	nptel.ac.in/courses/108103174
		52	5	noc26-mg64	PEC-02 (MOOC)	Business Analytics and Data Mining Modeling using R	Prof. Gaurav Dixit	IIT Roorkee	12 Weeks	3	nptel.ac.in/courses/110107092
		52	6	noc26-cs56	PEC-03 (MOOC)	Compiler Design	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105190
		52	6	noc26-cs55	PEC-04 (MOOC)	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105167
9	Artificial Intelligence and Data Science	52	7	noc26-cs64	PEC-05 (MOOC)	Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	3	nptel.ac.in/courses/106106361
		52	7	noc26-cs82	PEC-06 (MOOC)	Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	nptel.ac.in/courses/106106169
		43	5	noc26-ee31	PEC-01 (MOOC)	Computer Vision and Image Processing - Fundamentals and Applications	Prof. M.K. Bhuyan	IIT Guwahati	12 Weeks	3	nptel.ac.in/courses/108103174
		43	5	noc26-cs48	PEC-02 (MOOC)	Selected Topics in Algorithms	Prof. Palash Dey	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105242
		43	6	noc26-cs66	PEC-03 (MOOC)	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	nptel.ac.in/courses/106106184
10	Computer Science and Design	43	6	noc26-cs64	PEC-04 (MOOC)	Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	3	nptel.ac.in/courses/106106361
		43	7	noc26-cs61	PEC-05 (MOOC)	Affective Computing	Prof. Jainendra Shukla, Prof. Abhinav Dhall	IIT Madras	12 Weeks	3	nptel.ac.in/courses/106106244
		43	7	noc26-cs55	PEC-06 (MOOC)	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105167
		49	5	noc26-cs48	PEC-01 (MOOC)	Affective Computing	Prof. Jainendra ShuklaProf. Abhinav Dhall	IIIT Delhi	12 Weeks	3	nptel.ac.in/courses/106106244
		49	5	noc26-cs70	PEC-02 (MOOC)	Selected Topics in Algorithms	Prof. Palash Dey	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105242
11	Biomedical Engineering	49	6	noc26-cs64	PEC-03 (MOOC)	Human Computer Interaction (In English)	Prof. Rajiv Ratn Shah	IIIT Delhi	12 Weeks	3	nptel.ac.in/courses/106106575
		49	6	noc26-cs64	PEC-04 (MOOC)	Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	3	nptel.ac.in/courses/106106361
		49	7	noc26-mg64	PEC-05 (MOOC)	Business Analytics and Data Mining Modeling using R	Prof. Gaurav Dixit	IIT Roorkee	12 Weeks	3	nptel.ac.in/courses/110107092
		49	7	noc26-cs55	PEC-06 (MOOC)	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105167
		3	5	noc26-cs84	PEC-01 (MOOC)	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	nptel.ac.in/courses/106106182
11	Biomedical Engineering	3	5	noc26-cs54	PEC-02 (MOOC)	Embedded Systems Design	Prof. Anupam Basu	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105159
		3	5	noc26-cs30	MOPEC-02 (MOOC)	Edge Computing	Prof. Rajiv Misra	IIT Patna	8 Weeks	2	nptel.ac.in/courses/106104449
		3	6	noc26-cs74	PEC-03 (MOOC)	Introduction to Machine Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	3	nptel.ac.in/courses/106106139
		3	6	noc26-cs37	PEC-04 (MOOC)	Introduction to Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/106105166
		3	6	noc26-ge18	MOPEC-03 (MOOC)	Roadmap for Patent Creation	Prof. Gouri Gargate	IIT Kharagpur	8 Weeks	2	nptel.ac.in/courses/127105008
		3	7	noc26-hs51	PEC-05 (MOOC)	Exercise and Sports Biomechanics	Prof. Viswanath SundarProf. P.RajinikumProf. Rahul Tiwari	IIT Kharagpur	12 Weeks	3	nptel.ac.in/courses/109105596
		3	7	noc26-de06	PEC-06 (MOOC)	Understanding Incubation and Entrepreneurship	Prof. B.K. Chakravarthi	IIT Bombay	12 Weeks	3	nptel.ac.in/courses/107101092
		3	7	noc26-cs65	MOPEC-04 (MOOC)	Data Science for Engineers	Prof. Raguathan Rengasamy,Prof. Shankar Narasimhan	IIT Madras	8 Weeks	2	nptel.ac.in/courses/106106179

[illegible]