

List of MOOCs for Students of Bachelor Engineering Odd Term (July 2025) 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 (MOPEC/PEC)	Subject Name	Faculty Name	Offering Institute	Duration (Weeks)	Credits	Link	Enrollment Start Date	Enrollment End Date	Exam Registration End Date
1	Computer Engineering	7	5	noc25-cs103	PEC01	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12	3	https://onlinecourses.nptel.ac.in/noc25_cs103/preview	May 15, 2025	Jul 28 2025	August 15, 2025
2		7	5	noc25-mg154	PEC02	Advanced R Programming for Data Analytics in Business	Prof. Abhinava Tripathi	IIT Kanpur	12	3	https://onlinecourses.nptel.ac.in/noc25_mg154/preview	May 15, 2025	Jul 28 2025	August 15, 2025
3		7	6	noc25-cs143	PEC03	Computer Vision	Prof. Jayanta Mukhopadhyay	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs143/preview	May 15, 2025	Jul 28 2025	August 15, 2025
4		7	6	noc25-bt81	PEC04	Next Generation Sequencing Technologies : Data Analysis and Applications	Prof. Riddhiman Dhar	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_bt81/preview	May 15, 2025	Jul 28 2025	August 15, 2025
5		7	7	noc25-cs106	PEC05	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12	3	https://onlinecourses.nptel.ac.in/noc25_cs106/preview	May 15, 2025	Jul 28 2025	August 15, 2025
6		7	7	noc25-cs107	PEC06	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs107/preview	May 15, 2025	Jul 28 2025	August 15, 2025
7	Information Technology	16	5	noc25-cs103	PEC01	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12	3	https://onlinecourses.nptel.ac.in/noc25_cs103/preview	May 15, 2025	Jul 28 2025	August 15, 2025
8		16	5	noc25-cs143	PEC02	Computer Vision	Prof. Jayanta Mukhopadhyay	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs143/preview	May 15, 2025	Jul 28 2025	August 15, 2025
9		16	6	noc25-bt81	PEC03	Next Generation Sequencing Technologies : Data Analysis and Applications	Prof. Riddhiman Dhar	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_bt81/preview	May 15, 2025	Jul 28 2025	August 15, 2025
10		16	6	noc25-cs106	PEC04	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12	3	https://onlinecourses.nptel.ac.in/noc25_cs106/preview	May 15, 2025	Jul 28 2025	August 15, 2025
11		16	7	noc25-cs92	PEC05	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12	3	https://onlinecourses.nptel.ac.in/noc25_cs92/preview	May 15, 2025	Jul 28 2025	August 15, 2025
12		16	7	noc25-cs117	PEC06	Privacy and Security in Online Social Media	Prof. Ponnuram Kumaraguru	IIIT Hyderabad	12	3	https://onlinecourses.nptel.ac.in/noc25_cs117/preview	May 15, 2025	Jul 28 2025	August 15, 2025
13	Computer Science and Engineering (Data Science)	46	5	noc25-cs143	PEC01	Computer Vision	Prof. Jayanta Mukhopadhyay	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs143/preview	May 15, 2025	Jul 28 2025	August 15, 2025
14		46	6	noc25-mg154	PEC03	Advanced R Programming for Data Analytics in Business	Prof. Abhinava Tripathi	IIT Kanpur	12	3	https://onlinecourses.nptel.ac.in/noc25_mg154/preview	May 15, 2025	Jul 28 2025	August 15, 2025
15		46	6	noc25-cs106	PEC04	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12	3	https://onlinecourses.nptel.ac.in/noc25_cs106/preview	May 15, 2025	Jul 28 2025	August 15, 2025
16		46	7	noc25-cs92	PEC05	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12	3	https://onlinecourses.nptel.ac.in/noc25_cs92/preview	May 15, 2025	Jul 28 2025	August 15, 2025
17		46	7	noc25-cs107	PEC06	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs107/preview	May 15, 2025	Jul 28 2025	August 15, 2025
18	Artificial Intelligence And Machine Learning	52	5	noc25-cs143	PEC01	Computer Vision	Prof. Jayanta Mukhopadhyay	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs143/preview	May 15, 2025	Jul 28 2025	August 15, 2025
19		52	5	noc25-mg154	PEC02	Advanced R Programming for Data Analytics in Business	Prof. Abhinava Tripathi	IIT Kanpur	12	3	https://onlinecourses.nptel.ac.in/noc25_mg154/preview	May 15, 2025	Jul 28 2025	August 15, 2025
20		52	6	noc25-cs113	PEC03	Software Testing	Prof. Meenakshi D'souza	IIIT Bangalore	12	3	https://onlinecourses.nptel.ac.in/noc25_cs113/preview	May 15, 2025	Jul 28 2025	August 15, 2025
21		52	6	noc25-cs107	PEC04	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs107/preview	May 15, 2025	Jul 28 2025	August 15, 2025
22		52	7	noc25-cs102	PEC06	Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	12	3	https://onlinecourses.nptel.ac.in/noc25_cs102/preview	May 15, 2025	Jul 28 2025	August 15, 2025
23	Artificial Intelligence and Data Science	43	5	noc25-cs143	PEC01	Computer Vision	Prof. Jayanta Mukhopadhyay	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs143/preview	May 15, 2025	Jul 28 2025	August 15, 2025
24		43	6	noc25-cs113	PEC03	Software Testing	Prof. Meenakshi D'souza	IIIT Bangalore	12	3	https://onlinecourses.nptel.ac.in/noc25_cs113/preview	May 15, 2025	Jul 28 2025	August 15, 2025
25		43	6	noc25-bt81	PEC04	Next Generation Sequencing Technologies : Data Analysis and Applications	Prof. Riddhiman Dhar	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_bt81/preview	May 15, 2025	Jul 28 2025	August 15, 2025
26		43	7	noc25-cs151	PEC05	Algorithmic Game Theory	Prof. Palash Dey	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs151/preview	May 15, 2025	Jul 28 2025	August 15, 2025
27		43	7	noc25-cs107	PEC06	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs107/preview	May 15, 2025	Jul 28 2025	August 15, 2025
28	Computer Science And Design	49	5	noc25-cs151	PEC01	Algorithmic Game Theory	Prof. Palash Dey	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs151/preview	May 15, 2025	Jul 28 2025	August 15, 2025
29		49	6	noc25-cs135	PEC03	Design & Implementation of Human-Computer Interfaces	Prof. Samit Bhattacharya	IIT Guwahati	12	3	https://onlinecourses.nptel.ac.in/noc25_cs135/preview	May 15, 2025	Jul 28 2025	August 15, 2025
30		49	6	noc25-bt81	PEC04	Next Generation Sequencing Technologies : Data Analysis and Applications	Prof. Riddhiman Dhar	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_bt81/preview	May 15, 2025	Jul 28 2025	August 15, 2025

31		49	7	noc25-mg154	PEC05	Advanced R Programming for Data Analytics in Business	Prof. Abhinava Tripathi	IIT Kanpur	12	3	https://onlinecourses.nptel.ac.in/noc25_mg154/preview	May 15, 2025	Jul 28 2025	August 15, 2025
32		49	7	noc25-cs107	PEC06	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/noc25_cs107/preview	May 15, 2025	Jul 28 2025	August 15, 2025
33	CHEMICAL ENGINEERING (GREEN TECHNOLOGY AND SUSTAINABILITY ENGINEERING)	44	5	noc25-ch92	PEC	Engineering Aspects of Biofuels and Biomass Conversion Technologies	Prof. Ejaz Ahmad	IIT-ISM Dhanbad	12	3	https://onlinecourses.nptel.ac.in/noc25_ch92/preview	May 15, 2025	Jul 28 2025	August 15, 2025
34		44	5	noc25-ch58	PEC	Basic Environmental Engineering and Pollution Abatement	Prof. P. Mondal	IIT Roorkee	12	3	https://onlinecourses.nptel.ac.in/noc25_ch58/preview	May 15, 2025	Jul 28 2025	August 15, 2025
35		44	5	noc25-hs113	MOPEC	Urbanization and Environment	Prof. Jenia Mukherjee	IIT Kharagpur	8	2	https://onlinecourses.nptel.ac.in/noc25_hs113/preview	May 15, 2025	Jul 28 2025	August 15, 2025
36		44	7	noc25-ch96	PEC	Artificial Intelligence in Drug Discovery and Development	Prof. Rajnish Kumar	IIT (BHU) Varanasi	12	3	https://onlinecourses.nptel.ac.in/noc25_ch96/preview	May 15, 2025	Jul 28 2025	August 15, 2025
37		44	7	noc25-ch93	PEC	Hydrogen Energy: Production, Storage, Transportation and Safety	Prof. Pratibha Sharma	IIT Bombay	12	3	https://onlinecourses.nptel.ac.in/noc25_ch93/preview	May 15, 2025	Jul 28 2025	August 15, 2025
38		44	7	noc25-ch50	MOPEC	Colloids and Surfaces	Prof. Basavaraj Madivala Gurappa	IIT Madras	8	2	https://onlinecourses.nptel.ac.in/noc25_ch50/preview	May 15, 2025	Jul 28 2025	August 15, 2025
39	Textile Technology	29	5	noc25-te13	PEC-02	Science and Technology of Weft and Warp Knitting	Prof. Bipin Kumar	IIT Delhi	12	3	https://onlinecourses.nptel.ac.in/noc25_te13/preview	May 15, 2025	Jul 28 2025	August 15, 2025
40	Mining Engineering	22	5	noc25-ge66	MOPEC-2	Research Methodology	Prof. Edamana Prasad, Prof. Prathap Haridoss	IIT Madras	8	2	https://onlinecourses.nptel.ac.in/noc25_ge66/preview	May 15, 2025	July 28, 2025	August 15, 2025
41		22	6	noc25-mg141	MOPEC-3	Ethics in Engineering Practice	Prof. Susmita Mukhopadhyay	IIT Kharagpur	8	2	https://onlinecourses.nptel.ac.in/noc25_mg141/preview	May 15, 2025	August 18, 2025	August 29, 2025
42		22	7	noc25-me98	MOPEC-4	Engineering Economic Analysis	Prof. Pradeep K. Jha	IIT Roorkee	8	2	https://onlinecourses.nptel.ac.in/noc25_me98/preview	May 15, 2025	August 18, 2025	August 29, 2025
43	Industrial Engineering / Production Engineering	15/25	5	noc25-me161	PEC-01	Industrial Robotics: Theories for Implementation	Prof. Arun Dayal Udai	IIT-ISM Dhanbad	12	3	https://onlinecourses.nptel.ac.in/45792/previeww	May 15, 2025	July 28, 2025	August 15, 2025
44			5	noc25-me167	PEC-02	Energy Conservation and Waste Heat Recovery	Prof. Prasanta Kumar Das, Prof. A Bhattacharya	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/45792/previeww	May 15, 2025	July 28, 2025	August 15, 2025
45			5	noc25-mg78	MOPEC-02	Project Management	Prof. Raghu Nandan Sengupta	IIT Kanpur	8	2	https://onlinecourses.nptel.ac.in/45792/previeww	May 15, 2025	July 28, 2025	August 15, 2025
46			6	noc25-me154	PEC-03	Automation in Manufacturing	Prof. Shrikrishna N. Joshi	IIT Guwahati	12	3	https://onlinecourses.nptel.ac.in/45792/previeww	May 15, 2025	July 28, 2025	August 15, 2025
47			6	noc25-ge53	PEC-04	Solar Energy Engineering and Technology	Prof. Pankaj Kalita	IIT Guwahati	12	3	https://onlinecourses.nptel.ac.in/45792/previeww	May 15, 2025	July 28, 2025	August 15, 2025
48			6	noc25-mg141	MOPEC-03	Ethics in Engineering Practice	Prof. Susmita Mukhopadhyay	IIT Kharagpur	8	2	https://onlinecourses.nptel.ac.in/45792/previeww	May 15, 2025	August 18, 2025	August 29, 2025
49			7	noc25-me170	PEC-05	Heat Exchangers: Fundamentals and Design Analysis	Prof. Prasanta Kumar Das, Prof. Indranil Ghosh	IIT Kharagpur	12	3	https://onlinecourses.nptel.ac.in/45792/previeww	May 15, 2025	July 28, 2025	August 15, 2025
50			7	noc25-me130	PEC-06	Metal Additive Manufacturing	Prof. Janakranjan Ramkumar, Prof. Amandeep Singh Oberoi	IIT Kanpur	12	3	https://onlinecourses.nptel.ac.in/45792/previeww	May 15, 2025	July 28, 2025	August 15, 2025
51			7	noc25-me98	MOPEC-04	Engineering Economic Analysis	Prof. Pradeep K. Jha	IIT Roorkee	8	2	https://onlinecourses.nptel.ac.in/45792/previeww	May 15, 2025	August 18, 2025	August 29, 2025