

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

Course	Sem	Course Id	Category	Subject Name	Faculty Name	Institute	Duration	Credit	Link	Enrolment End Date	Exam Registration End Date	SWAYAM / NPTEL
Computer Engineering (07) Computer Science and Engineering (31) Computer Science and engineering(Artificial Intelligence and Machine learning)(42) Computer Science and Engineering(Internet of things and cyber security including block chain Technology) (45) Computer Science and Engineering(Cyber Security)(48) Information and Communication Technology (32)	5	noc25-cs69	PEC-01	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://nptel.ac.in/courses/106106182	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-cs19	PEC-02	Business analytics and data mining Modeling using R	Prof. Gaurav Dixit	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/110107092	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-cs32	MOPEC-02	Foundations of Cyber Physical Systems	Prof. Soumyajit Dey	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105241	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-ee13	PEC-03	Computer Vision And Image Processing - Fundamentals And Applications	Prof. M. K. Bhuyan	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/108103174	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-cs09	PEC-04	Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/106106361	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-cs38	MOPEC-03	Human Computer Interaction	Prof. Rajiv Ratn Shah	IIIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/106106575	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-ee16	PEC-05	Deep Learning	Prof. Prabir Kumar Biswas	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105215	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-cs11	PEC-06	Cloud Computing	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://nptel.ac.in/courses/106106184	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-cs43	MOPEC-04	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105195	January 27, 2025	February 14, 2025	NPTEL
	Information Technology (16)	5	noc25-cs69	PEC-01	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://nptel.ac.in/courses/106106182	January 27, 2025	February 14, 2025
5		noc25-ee13	PEC-02	Computer Vision And Image Processing - Fundamentals And Applications	Prof. M. K. Bhuyan	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/108103174	January 27, 2025	February 14, 2025	NPTEL
5		noc25-cs43	MOPEC-02	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105195	January 27, 2025	February 14, 2025	NPTEL
6		noc25-cs09	PEC-03	Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/106106361	January 27, 2025	February 14, 2025	NPTEL
6		noc25-ee16	PEC-04	Deep Learning	Prof. Prabir Kumar Biswas	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105215	January 27, 2025	February 14, 2025	NPTEL
6		noc25-cs70	MOPEC-03	Theory of Computation	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	12 Weeks	3	https://nptel.ac.in/courses/106106242	January 27, 2025	February 14, 2025	NPTEL
7		noc25-cs62	PEC-05	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/106106143	January 27, 2025	February 14, 2025	NPTEL
7		noc25-cs08	PEC-06	Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105235	January 27, 2025	February 14, 2025	NPTEL
7	noc25-cs38	MOPEC-04	Human Computer Interaction (In English)	Prof. Rajiv Ratn Shah	IIIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/106106575	January 27, 2025	February 14, 2025	NPTEL	
Computer Science and Engineering(Data Science) (46)	5	noc25-ee13	PEC-01	Computer Vision And Image Processing - Fundamentals And Applications	Prof. M. K. Bhuyan	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/108103174	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-cs64	PEC-02	Selected Topics in Algorithms	Prof. Palash Dey	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105242	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-cs44	MOPEC-02	Introduction To Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105166	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-cs19	PEC-03	Business analytics and data mining Modeling using R	Prof. Gaurav Dixit	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/110107092	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-ee16	PEC-04	Deep Learning	Prof. Prabir Kumar Biswas	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105215	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-cs79	MOPEC-03	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIIT Hyderabad	12 weeks	3	https://nptel.ac.in/courses/106106146	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-cs62	PEC-05	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/106106143	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-cs11	PEC-06	Cloud Computing	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://nptel.ac.in/courses/106106184	January 27, 2025	February 14, 2025	NPTEL
Artificial Intelligence and Machine Learning(52)	5	noc25-ee13	PEC-01	Computer Vision And Image Processing - Fundamentals And Applications	Prof. M. K. Bhuyan	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/108103174	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-cs19	PEC-02	Business analytics and data mining Modeling using R	Prof. Gaurav Dixit	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/110107092	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-cs44	MOPEC-02	Introduction To Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105166	January 27, 2025	February 14, 2025	NPTEL

	6	noc25-cs13	PEC-03	Compiler Design	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105190	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-cs11	PEC-04	Cloud Computing	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://nptel.ac.in/courses/106106184	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-cs79	MOPEC-03	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIIT Hyderabad	12 weeks	3	https://nptel.ac.in/courses/106106146	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-cs09	PEC-05	Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/106106361	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-cs65	PEC-06	Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://nptel.ac.in/courses/106106169	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-cs43	MOPEC-04	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105195	January 27, 2025	February 14, 2025	NPTEL
Artificial Intelligence and Data Science (43)	5	noc25-ee13	PEC-01	Computer Vision And Image Processing - Fundamentals And Applications	Prof. M. K. Bhuyan	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/108103174	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-cs64	PEC-02	Selected Topics in Algorithms	Prof. Palash Dey	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105242	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-cs44	MOPEC-02	Introduction To Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105166	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-cs21	PEC-03	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://nptel.ac.in/courses/106106184	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-cs09	PEC-04	Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/106106361	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-cs79	MOPEC-03	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIIT Hyderabad	12 weeks	3	https://nptel.ac.in/courses/106106146	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-cs04	PEC-05	Affective Computing	Prof. Jainendra Shukla Prof. Abhinav Dhall	IIIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/106106244	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-cs11	PEC-06	Cloud Computing	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://nptel.ac.in/courses/106106184	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-cs43	MOPEC-04	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105195	January 27, 2025	February 14, 2025	NPTEL
	Computer Science and Design (49)	5	noc25-cs04	PEC-01	Affective Computing	Prof. Jainendra Shukla Prof. Abhinav Dhall	IIIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/106106244	January 27, 2025	February 14, 2025
5		noc25-cs64	PEC-02	Selected Topics in Algorithms	Prof. Palash Dey	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105242	January 27, 2025	February 14, 2025	NPTEL
5		noc25-cs44	MOPEC-02	Introduction To Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105166	January 27, 2025	February 14, 2025	NPTEL
6		noc25-cs38	PEC-03	Human Computer Interaction (In English)	Prof. Rajiv Ratn Shah	IIIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/106106575	January 27, 2025	February 14, 2025	NPTEL
6		noc25-cs09	PEC-04	Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/106106361	January 27, 2025	February 14, 2025	NPTEL
6		noc25-cs79	MOPEC-03	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIIT Hyderabad	12 weeks	3	https://nptel.ac.in/courses/106106146	January 27, 2025	February 14, 2025	NPTEL
7		noc25-cs19	PEC-05	Business analytics and data mining Modeling using R	Prof. Gaurav Dixit	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/110107092	January 27, 2025	February 14, 2025	NPTEL
7		noc25-cs11	PEC-06	Cloud Computing	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://nptel.ac.in/courses/106106184	January 27, 2025	February 14, 2025	NPTEL
7		noc25-cs43	MOPEC-04	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105195	January 27, 2025	February 14, 2025	NPTEL
Industrial Engineering (15) Production Engineering (25)	5	noc25-me70	PEC-01	Robotics: Basics and Selected Advanced Concepts	Prof. Ashitava Ghosal	IISc Bangalore	12 Weeks	3	https://nptel.ac.in/courses/112108298	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-me67	PEC-02	Product Design and Manufacturing	Prof. J. Ramkumar, Dr. Amandeep Singh	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/112104230	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-me38	MOPEC-02	Industrial Hydraulics and Automation	Prof. Niranjana Kumar, Prof. Ajit Kumar	IIT-ISM Dhanbad	12 Weeks	3	https://nptel.ac.in/courses/112105423	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-mm01	PEC-03	Advanced Manufacturing and Process Modelling	Prof. Prosenjit Das	IISc Bangalore	12 Weeks	3	https://nptel.ac.in/courses/113108631	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-me83	PEC-04	Welding Metallurgy	Dr. Pradeep K. Jha	IT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/113107092	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-ge11	MOPEC-03	Entrepreneurship Essentials	Prof. Manoj Kumar Mondal	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/127105007	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-me59	PEC-05	Operations Management	Dr. Inderdeep Singh	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/112107238	January 27, 2025	February 24, 2025	NPTEL
	7	noc25-me02	PEC-06	Advanced Machining Processes	Prof. Shantanu Bhattacharya	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/112104425	January 27, 2025	February 14, 2025	NPTEL
7	noc25-me43	MOPEC-04	Introduction To Mechanical Micro Machining	Prof. Ajay M Sidpara	IT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/112105231	January 27, 2025	February 14, 2025	NPTEL	
Robotics and automation (41)	5	noc25-me70	PEC-01	Robotics: Basics and Selected Advanced Concepts	Prof. Ashitava Ghosal	IISc Bangalore	12 Weeks	3	https://nptel.ac.in/courses/112108298	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-me43	PEC-02	Introduction To Mechanical Micro Machining	Prof. Ajay M Sidpara	IT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/112105231	January 27, 2025	February 14, 2025	NPTEL

	5	noc25-ee42	MOPEC-02	Industrial Automation and Control	Prof. Alokanti Deb	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105088	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-mm01	PEC-03	Advanced Manufacturing and Process Modelling	Prof. Prosenjit Das	IISc Bangalore	12 Weeks	3	https://nptel.ac.in/courses/113108631	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-cs43	PEC-04	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105195	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-ge11	MOPEC-03	Entrepreneurship Essentials	Prof. Manoj Kumar Mondal	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/127105007	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-me59	PEC-05	Operations Management	Dr. Inderdeep Singh	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/112107238	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-me04	PEC-06	Advanced Robotics	Prof. Ashish Dutta	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/112104316	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-ee76	MOPEC-04	Sensors and Actuators	Prof. Hardik Jeetendra Pandya	IISc Bangalore	12 Weeks	3	https://nptel.ac.in/courses/108108147	January 27, 2025	February 14, 2025	NPTEL
Food Engineering & Technology-51	5	noc25-ag04	PEC-01	Food Science and Technology	Prof. Hari Niwas Mishra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/126105548	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-ag03	PEC-02	Design of Farm Machinery	Prof. Hifur Raheman	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/126105547	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-ag14	MOPEC-02	Food Microbiology for Safe and Sustainable Food Systems	Prof. Prem Prakash Srivastav	IIT Kharagpur	8 Weeks	2	https://nptel.ac.in/courses/126105550	February 17, 2025	February 24, 2025	NPTEL
	6	noc25-ag08	PEC-03	Novel Technologies for Food Processing and Shelf Life Extension	Prof. Hari Niwas Mishra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/126105015	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-ag05	PEC-04	Impact of Flow of Fluids in Food Processing and Preservation	Prof. Kamishka Bhunia Prof. Tridib Kumar Goswami	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/126105549	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-hs72	MOPEC-03	Soft Skill Development	Prof. Priyadarshi Patnaik Prof. V. N. Giri	IIT Kharagpur	8 Weeks	2	https://nptel.ac.in/courses/109105110	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-ag02	PEC-05	Cooling Technology: Why and How utilized in Food Processing and allied Industries	Prof. Tridib Kumar Goswami	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/126105025	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-ag07	PEC-06	Modern Food Packaging Technologies: Regulatory Aspects and Global Trends	Prof. Prem Prakash Srivastav	IIT Kharagpur	12 weeks	3	https://nptel.ac.in/courses/126105336	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-hs17	MOPEC-04	Employment Communication A Lab based course	Prof. Seema Singh	IIT Kharagpur	8 Weeks	2	https://nptel.ac.in/courses/109105144	January 27, 2025	February 14, 2025	NPTEL
Biotechnology-(04)	5	noc25-bt38	PEC-1	Pharmacognosy & Metabolic Engineering	Prof. Adinpunya Mitra	IIT Kharagpur	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_bt38/preview	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-bt06	PEC-2	BioInformatics: Algorithms and Applications	Prof. Michael Gromiha	IIT Madras	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_bt06/preview	January 27, 2025	February 14, 2025	NPTEL
	5	noc25-bt18	MOPEC-2	Environmental Chemistry and Microbiology	Prof. Anjali Pal Prof. Sudha Goel	IIT Kharagpur	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_bt18/preview	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-ag04	PEC-3	Food Science and Technology	Prof. Hari Niwas Mishra	IIT Kharagpur	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_ag04/preview	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-bt19	PEC-4	Enzyme Sciences and Technology	Prof. Vishal Trivedi	IIT Guwahati	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_bt19/preview	January 27, 2025	February 14, 2025	NPTEL
	6	noc25-bt34	MOPEC-3	Microsensors, Implantable Devices and Rodent Surgeries for Biomedical Applications	Prof. Hardik Jeetendra Pandya, Prof. Shabari Girishan K V	IISc Bangalore, Ramaiah University of	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_bt34/preview	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-ch09	PEC-5	Biomass Conversion And Biorefinery	Prof. Kaushtubha Mohanty	IIT Guwahati	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_ch09/preview	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-bt13	PEC-6	Computational Genomics	Prof. Vineet Kumar Sharma	IISER Bhopal	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_bt13/preview	January 27, 2025	February 14, 2025	NPTEL
	7	noc25-bt08	MOPEC-4	Biomechanics	Prof. Varadhan	IIT Madras	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_bt08/preview	January 27, 2025	February 14, 2025	NPTEL