

**List of MOOCs for newly admitted students of BE for A.Y 2024-25 (Part - 1)**

Course	Semester	Course Category	Subject Name	Faculty Name	Institute	Duration	Credit	Link	Enrolment Date	Exam Registration Date	Swayam / NPTEL
Electronics & Instrumentation Engineering	5	PEC 01	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 week	3	<a href="https://nptel.ac.in/courses/106106182">https://nptel.ac.in/courses/106106182</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 02	Analog VLSI Design	Prof. Sudip Misra	IIT Kharagpur	12 week	3	<a href="https://nptel.ac.in/courses/106105166">https://nptel.ac.in/courses/106105166</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	MOPEC 02	Sensor Technologies: Physics, Fabrication, and Circuits	Prof.Mitradip Bhattacharjee	IISER Bhopal	8 week	2	<a href="https://nptel.ac.in/courses/108106193">https://nptel.ac.in/courses/108106193</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 03	Introduction to Internet of Things	Prof. Sudip Misra	IIT Kharagpur	12 week	3	<a href="https://nptel.ac.in/courses/106105166">https://nptel.ac.in/courses/106105166</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 04	Artificial Intelligence and Machine Learning	Prof. Krishanu Biswas	IIT Kanpur	12 weeks	3	<a href="https://nptel.ac.in/courses/113104517">https://nptel.ac.in/courses/113104517</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	MOPEC 03	Nanotechnology, Science and Applications	Dr. Prathap Haridoss	IIT Madras	8 week	2	<a href="https://nptel.ac.in/courses/113106093">https://nptel.ac.in/courses/113106093</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	PEC 05	Real-Time Digital Signal Processing	Prof. Rathna G N	IISc Bangalore	12 week	3	<a href="https://nptel.ac.in/courses/108108185">https://nptel.ac.in/courses/108108185</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	PEC 06	Introduction to Biomedical Imaging Systems	Prof. Arun K. Thittai	IIT Madras	12 week	3	<a href="https://nptel.ac.in/courses/102105090">https://nptel.ac.in/courses/102105090</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
Rubber Technology	7	MOPEC 04	Dairy and Food Process and Products Technology	Prof. Tridib Kumar Goswami	IIT Kharagpur	12 week	3	<a href="https://nptel.ac.in/courses/126105013">https://nptel.ac.in/courses/126105013</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 01	Polymer Process Engineering	Prof. Shishir Sinha	IIT Roorkee	12 week	3	<a href="https://nptel.ac.in/courses/103107221">https://nptel.ac.in/courses/103107221</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 02	Environmental Biotechnology	Prof. Pinaki Sar	IIT Kharagpur	12 week	3	<a href="https://nptel.ac.in/courses/102105088">https://nptel.ac.in/courses/102105088</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	MOPEC 02	Polymers: concepts, properties, uses and sustainability	Dr. Abhijit P. Deshpande	IIT Madras	12 week	3	<a href="https://nptel.ac.in/courses/105106205">https://nptel.ac.in/courses/105106205</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 03	Techniques of Material Characterization	Prof. Shibayan Roy	IIT Kharagpur	12 week	3	<a href="https://nptel.ac.in/courses/113105101">https://nptel.ac.in/courses/113105101</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 04	Mechanical Behavior of Polymers and Composites	Dr. Naresh V Datla	IIT Delhi	12 week	3	<a href="https://nptel.ac.in/courses/112102319">https://nptel.ac.in/courses/112102319</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	MOPEC 03	Corrosion/Environmental Degradation/Surface	Prof. (Hag) Harish Hirani	IIT Delhi	12 week	3	<a href="https://nptel.ac.in/courses/113102109">https://nptel.ac.in/courses/113102109</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	PEC 05	Concepts of chemistry for engineering	Prof. Debabrata Maiti, Prof. Chidambar Kulkarni, Prof. Arnab Dutta, Prof. Anindya Datta	IIT Bombay	12 week	3	<a href="https://nptel.ac.in/courses/104101130">https://nptel.ac.in/courses/104101130</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	PEC 06	Fluid and Particle Mechanics	Prof. Sumesh, Prof. Basavaraj Madivala Gurappa	IIT Madras	12 week	3	<a href="https://nptel.ac.in/courses/103106158">https://nptel.ac.in/courses/103106158</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
Chemical	7	MOPEC 04	Control systems	C.S.Shankar Ram	IIT Madras	12 week	3	<a href="https://nptel.ac.in/courses/107106081">https://nptel.ac.in/courses/107106081</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 01	Fluid and Particle Mechanics	Prof. Sumesh, Prof. Basavaraj Madivala Gurappa	IIT Madras	12 week	3	<a href="https://nptel.ac.in/courses/103106158">https://nptel.ac.in/courses/103106158</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 02	Sustainable Energy Technology	Dr. Sayak Banerjee	IIT Hyderabad	12 week	3	<a href="https://nptel.ac.in/courses/112106318">https://nptel.ac.in/courses/112106318</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	MOPEC 02	Renewable Energy Technology and Their Uses	Prof Sanjay Agrawal	Indira Gandhi National Open University	12 weeks	4	<a href="https://onlinecourses.swayam2.ac.in/nou24_ge59/preview">https://onlinecourses.swayam2.ac.in/nou24_ge59/preview</a>	31-Aug-24	14-Dec-24	SWAYAM
	6	PEC 03	Aspen Plus simulation software - a basic course for beginners	Prof. Prabirkumar Saha	IIT Guwahati	12 week	3	<a href="https://nptel.ac.in/courses/103103209">https://nptel.ac.in/courses/103103209</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 04	Chemical Process Safety	Dr. Shishir Sinha	IIT Roorkee	12 week	3	<a href="https://nptel.ac.in/courses/103107156">https://nptel.ac.in/courses/103107156</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	MOPEC 03	Wastewater Treatment and Recycling	Prof. Manoj Kumar Tiwari	IIT Kharagpur	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_ce105/preview">https://onlinecourses.nptel.ac.in/noc24_ce105/preview</a>	2024-05-16 to 2024-07-29	16-08-2024	SWAYAM
	7	PEC 05	Hydrogen Energy: Production, Storage, Transportation and Safety	Prof. Pratibha Sharma	IIT Bombay	12 weeks	3	<a href="https://nptel.ac.in/courses/103101215">https://nptel.ac.in/courses/103101215</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
Aeronautical Engineering	7	PEC 06	Chemical Process Intensification	Dr. S.K. Majumder	IIT Guwahati	12 weeks	3	<a href="https://nptel.ac.in/courses/103103152">https://nptel.ac.in/courses/103103152</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	MOPEC 04	Mathematical modelling and simulation of chemical engineering process	Prof. Sourav Mondal	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/103105215">https://nptel.ac.in/courses/103105215</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 01	Principle of Hydraulic Machines and System Design	Prof. Pranab K. Mondal	IIT Guwahati	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_me136/preview">https://onlinecourses.nptel.ac.in/noc24_me136/preview</a>	2024-05-16 to 2024-07-29	16-08-2024	SWAYAM
	5	PEC 02	Smart Structures	Prof. Mohammed Rabius Sunny	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/101105090">https://nptel.ac.in/courses/101105090</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	MOPEC 02	Sustainable Power Generation Systems	Dr. Pankaj Kalita	IIT Guwahati	12 weeks	3	<a href="https://nptel.ac.in/courses/127103236">https://nptel.ac.in/courses/127103236</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 03	Gasdynamics: Fundamentals and Applications	Prof. Srisha Rao M V	IISc Bangalore	12 weeks	3	<a href="https://nptel.ac.in/courses/101108086">https://nptel.ac.in/courses/101108086</a>	2023-11-09 to 2024-01-29	16-08-2024	NPTEL
	6	PEC 04	Lighter than Air Systems	Prof. Rajkumar Pant	IIT Bombay	12 weeks	3	<a href="https://nptel.ac.in/courses/101101087">https://nptel.ac.in/courses/101101087</a>	2023-11-09 to 2024-01-29	16-02-2024	NPTEL
	6	MOPEC 03	Social Innovation in Industry 4.0	Prof. Janakranjan Ramkumar, Prof. Amandeep Singh Oberoi	IIT Kanpur	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_me126/preview">https://onlinecourses.nptel.ac.in/noc24_me126/preview</a>	2024-05-16 to 2024-07-29	16-08-2024	SWAYAM
Aeronautical Engineering	7	PEC 05	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_cs113/preview">https://onlinecourses.nptel.ac.in/noc24_cs113/preview</a>	2024-05-16 to 2024-07-29	16-08-2024	SWAYAM
	7	PEC 06	Space Flight Mechanics	Dr. Manoranjan Sinha	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/101105083">https://nptel.ac.in/courses/101105083</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	MOPEC 04	Numerical Methods for Engineers	Dr. Niket S.Kaisare	IIT Madras	12 weeks	3	<a href="https://nptel.ac.in/courses/127106019">https://nptel.ac.in/courses/127106019</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL

Metallurgy	5	PEC 01	Steel Quality : Role of Secondary Refining & Continuous Casting	Prof. Santanu Kr. Ray	IIT Madras	12 weeks	3	<a href="https://nptel.ac.in/courses/112106253">https://nptel.ac.in/courses/112106253</a>	2023-11-09 to 2024-01-29	16-08-2024	NPTEL
	5	PEC 02	Introduction To Composites	Prof. Nachiketa Tiwari	IIT Kanpur	12 weeks	3	<a href="https://nptel.ac.in/courses/112104229">https://nptel.ac.in/courses/112104229</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	MOPEC 02	Soft Skill Development	Prof. Priyadarshi Patnaik, Prof. V.N. Giri, Prof. D. Suar	IIT Kharagpur	8 week	2	<a href="https://nptel.ac.in/courses/109105110">https://nptel.ac.in/courses/109105110</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 03	Powder Metallurgy	Dr. Ranjit Bauri	IIT Madras	12 weeks	3	<a href="https://nptel.ac.in/courses/113106098">https://nptel.ac.in/courses/113106098</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 04	Surface Engineering for Corrosion and Wear Resistance Application	Prof. I. Manna, Prof. Jyotsna Dutta Majumder	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/113105086">https://nptel.ac.in/courses/113105086</a>	2023-11-09 to 2024-01-29	16-02-2024	NPTEL
	6	MOPEC 03	Ethics in Engineering Practice	Dr. Susmita Mukhopadhyay	IIT Kharagpur	8 week	2	<a href="https://nptel.ac.in/courses/110105097">https://nptel.ac.in/courses/110105097</a>	2024-05-16 to 2024-08-19	30-08-2024	NPTEL
	7	PEC 05	Aqueous Corrosion and Its Control	Prof. V. S. Raja	IIT Bombay	13 weeks	3	<a href="https://nptel.ac.in/courses/113101098">https://nptel.ac.in/courses/113101098</a>	2023-11-09 to 2024-01-29	16-02-2024	NPTEL
	7	PEC 06	Joining Technologies for metals	Prof. Dheerendra Kumar Dwivedi	IIT Roorkee	12 week	3	<a href="https://nptel.ac.in/courses/112107213">https://nptel.ac.in/courses/112107213</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	MOPEC 04	Introduction to Research (Research Methodology)	Dr. Prathap Haridoss, Prof. Edamana Prasad	IIT Madras	8 week	2	<a href="https://nptel.ac.in/courses/121106007">https://nptel.ac.in/courses/121106007</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
Automobile	5	PEC 01	Industrial Robotics : Theories For Implementation	Dr. Arun Dayal Udai	IIT-ISM	12 week	3	<a href="https://nptel.ac.in/courses/112105319">https://nptel.ac.in/courses/112105319</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 02	Energy Conservation And Waste Heat Recovery	Prof.P K Das & Prof.A.Bhattacharay	IIT Kharagpur	12 week	3	<a href="https://nptel.ac.in/courses/112105221">https://nptel.ac.in/courses/112105221</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	MOPEC 02	Sustainable Power Generation Systems	Dr. Pankaj Kalita	IIT Guwahati	12 week	3	<a href="https://nptel.ac.in/courses/127103236">https://nptel.ac.in/courses/127103236</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 03	Mechanical Behavior of Polymers and Composites	Prof. Naresh Varma Datla	IIT Delhi	12 week	3	<a href="https://onlinecourses.nptel.ac.in/noc24_me149/preview">https://onlinecourses.nptel.ac.in/noc24_me149/preview</a>	29-Jul-24	16-08-2024	SWAYAM
	6	PEC 04	Computational Fluid Dynamics and Heat Transfer	Prof. Gautam Biswas	IIT Kanpur	12 weeks	3	<a href="https://nptel.ac.in/courses/112104302">https://nptel.ac.in/courses/112104302</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	MOPEC 03	Social Innovation In Industry 4.0	Prof. Janakranjan Ramkumar, Prof. Amandeep Singh Oberoi	Prof. Janakranjan Ramkumar, Prof. Amandeep Singh Oberoi	12 weeks	3	<a href="https://nptel.ac.in/courses/112104319">https://nptel.ac.in/courses/112104319</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	PEC 05	Selection Of Nanomaterials For Energy Harvesting And Storage Application	Prof. Kaushik Pal	IIT Roorkee	12 weeks	3	<a href="https://nptel.ac.in/courses/112107283">https://nptel.ac.in/courses/112107283</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	PEC 06	Fundamentals Of Artificial Intelligence	Prof. Shyamanta M. Hazarika	IIT Guwahati	4 weeks	1	<a href="https://nptel.ac.in/courses/112103280">https://nptel.ac.in/courses/112103280</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	MOPEC 04	Numerical Methods for Engineers	Dr. Niket S.Kaisare	IIT Madras	12 weeks	3	<a href="https://nptel.ac.in/courses/127106019">https://nptel.ac.in/courses/127106019</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
Instrumentation & Control	5	PEC 01	Industrial Safety Engineering	Prof. Jhaeswar Maiti	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/110105094">https://nptel.ac.in/courses/110105094</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 02	The Joy of Computing using Python	Prof. Mukesh Kumar Barua	IIT Roorkee	12 weeks	3	<a href="https://nptel.ac.in/courses/110107081">https://nptel.ac.in/courses/110107081</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	MOPEC 02	Project Management for Managers	Prof. Mukesh Kumar Barua	IIT Roorkee	12 weeks	3	<a href="https://nptel.ac.in/courses/110107081">https://nptel.ac.in/courses/110107081</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 03	Introduction to Machine Learning	Prof. S. Sarkar	IIT Kharagpur	8 weeks	2	<a href="https://nptel.ac.in/courses/106105152">https://nptel.ac.in/courses/106105152</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 04	Introduction to Internet of Thing	Prof. Sudip Misra	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/106105166">https://nptel.ac.in/courses/106105166</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	MOPEC 03	Indoor Air Pollution: Sources, Effects, Monitoring, Control and Modeling	Prof. Asif Qureshi	IIT Hyderabad	12 weeks	3	<a href="https://nptel.ac.in/courses/105106491">https://nptel.ac.in/courses/105106491</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	PEC 05	Digital VLSI Testing	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/117105137">https://nptel.ac.in/courses/117105137</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	PEC 06	Dairy and Food Process and Products Technology	Prof. Tridib Kumar Goswami	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/126105013">https://nptel.ac.in/courses/126105013</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	MOPEC 04	Industrial Robotics : Theories for Implementation	Dr. Arun Dayal Udai	IIT-ISM	12 weeks	3	<a href="https://nptel.ac.in/courses/112105319">https://nptel.ac.in/courses/112105319</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
Mechanical	5	PEC 01	Industrial Robotics : Theories For Implementation	Dr. Arun Dayal Udai	IIT-ISM Dhanbad	12 weeks	3	<a href="https://nptel.ac.in/courses/112105319">https://nptel.ac.in/courses/112105319</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 02	Energy conservation and waste heat recovery	Dr.P.K.DAS & Dr.A. BHATTACHARAYA	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/112105221">https://nptel.ac.in/courses/112105221</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	MOPEC 02	Sustainable Power Generation Systems	Dr. Pankaj Kalita	IIT Guwahati	12 weeks	3	<a href="https://nptel.ac.in/courses/127103236">https://nptel.ac.in/courses/127103236</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 03	Automation in Manufacturing	Dr. Shrikrishna N. Joshi	IIT Guwahati	12 weeks	3	<a href="https://nptel.ac.in/courses/112103293">https://nptel.ac.in/courses/112103293</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 04	Computational Fluid Dynamics and Heat Transfer	Prof. Gautam Biswas	IIT Kanpur	12 weeks	3	<a href="https://nptel.ac.in/courses/112104302">https://nptel.ac.in/courses/112104302</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	MOPEC 03	Social Innovation In Industry 4.0,	Prof. Janakranjan Ramkumar, Prof. Amandeep Singh Oberoi	IIT Kanpur	12 weeks	3	<a href="https://nptel.ac.in/courses/112104319">https://nptel.ac.in/courses/112104319</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	PEC 05	Conduction and Convection: Fundamentals and Applications	Prof. Gautam Biswas, Prof.Sameer Khandekar	IIT Kanpur	12 weeks	3	<a href="https://nptel.ac.in/courses/112104313">https://nptel.ac.in/courses/112104313</a>	2023-05-08 to 2023-07-31	28-10-2023	NPTEL
	7	PEC 06	Rapid Manufacturing,	Prof. J. Ramkumar, Dr. Amandeep Singh	IIT Kanpur	12 weeks	3	<a href="https://nptel.ac.in/courses/112104265">https://nptel.ac.in/courses/112104265</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	7	MOPEC 04	Numerical Methods for Engineers	Dr. Niket S.Kaisare	IIT Madras	12 weeks	3	<a href="https://nptel.ac.in/courses/127106019">https://nptel.ac.in/courses/127106019</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 01	Research Methods In Health Promotion	Dr. Arista Lahiri, Dr. Sweety Suman Jha, Prof. Madhumita Dobe	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/127105237">https://nptel.ac.in/courses/127105237</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	PEC 02	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 weeks	3	<a href="https://nptel.ac.in/courses/106106182">https://nptel.ac.in/courses/106106182</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	5	MOPEC 02	Understanding Incubation and Entrepreneurship	Dr. B.K. Chakravarthy	IIT Bombay	12 weeks	3	<a href="https://nptel.ac.in/courses/107101092">https://nptel.ac.in/courses/107101092</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	PEC 03	Design & Implementation of Human-Computer Interfaces	Prof. Samit Bhattacharya	IIT Guwahati	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_cs126/preview">https://onlinecourses.nptel.ac.in/noc24_cs126/preview</a>	29-Jul-24	16-08-2024	SWAYAM

Bio Medical Engineering	6	PEC 04	Mathematical Aspects of Biomedical Electronic System Design.	Prof. Chandramani Singh	IISc Bangalore	12 weeks	3	<a href="https://nptel.ac.in/courses/108108180">https://nptel.ac.in/courses/108108180</a>	2024-05-16 to 2024-07-29	16-08-2024	NPTEL
	6	MOPEC 03	Geography of Health and Well Being	Dr. Aakriti Grover	Dr. B. R. Ambedkar University Delhi, New Delhi	12 weeks	4	<a href="https://onlinecourses.swayam2.ac.in/nou24_ge84/preview">https://onlinecourses.swayam2.ac.in/nou24_ge84/preview</a>	29-Jul-24	16-08-2024	SWAYAM
	7	PEC 05	Biomedical Ultrasound: Fundamentals of Imaging and Micromachined Transducers	Prof. Karla P. Mercado-Shekhar, Prof. Himanshu Shekhar, Prof. Hardik Jeetendra Pandya	IIT Gandhinagar, IISc Bangalore	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_ge45/preview">https://onlinecourses.nptel.ac.in/noc24_ge45/preview</a>	29-Jul-24	16-08-2024	SWAYAM
	7	PEC 06	Introduction to LASER	Prof. M. R. Shenoy	IIT Delhi	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_ph45/preview">https://onlinecourses.nptel.ac.in/noc24_ph45/preview</a>	29-Jul-24	16-08-2024	SWAYAM
	7	MOPEC 04	Neuroscience of Human Movements	Prof. Varadhan	IIT Madras	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_ge55/preview">https://onlinecourses.nptel.ac.in/noc24_ge55/preview</a>	29-Jul-24	16-08-2024	SWAYAM
Electrical Engineering & Power Electronics	5	PEC 01	Electronic Systems Design: Hands-on Circuits and PCB Design with CAD Software	Prof. Ankur Gupta	IIT Delhi	12 weeks	3	<a href="https://nptel.ac.in/courses/108102481">https://nptel.ac.in/courses/108102481</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL
	5	PEC 02	Electrical Distribution System Analysis	Prof. G. B. Kumbhar	IIT Roorkee	12 weeks	3	<a href="https://nptel.ac.in/courses/108107112">https://nptel.ac.in/courses/108107112</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL
	5	MOPEC 02	Numerical methods for Engineers	Dr. Niket S.Kaisare	IIT Madras	12 weeks	3	<a href="https://nptel.ac.in/courses/127106019">https://nptel.ac.in/courses/127106019</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL
	6	PEC 03	Probability Foundations for Electrical Engineers	Dr. Krishna Jagannathan	IIT Madras	12 weeks	3	<a href="https://nptel.ac.in/courses/108106083">https://nptel.ac.in/courses/108106083</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL
	6	PEC 04	Design of Photovoltaic Systems	Prof. L. Umanand	IISc Bangalore	12 weeks	3	<a href="https://nptel.ac.in/courses/117108141">https://nptel.ac.in/courses/117108141</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL
	6	MOPEC 03	Sustainable Power Generation Systems	Dr. Pankaj Kalita	IIT Guwahati	12 weeks	3	<a href="https://nptel.ac.in/courses/127103236">https://nptel.ac.in/courses/127103236</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL
	7	PEC 05	Power Electronics Applications in Power Systems	Prof. Sanjib Ganguly	IIT Guwahati	12 weeks	3	<a href="https://nptel.ac.in/courses/117103488">https://nptel.ac.in/courses/117103488</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL
	7	PEC 06	Modelling, Analysis and Estimation of Three Phase Unbalanced Power Network	Prof. Biswarup Das	IIT Roorkee	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_ee121/preview">https://onlinecourses.nptel.ac.in/noc24_ee121/preview</a>	29-Jul-24	8/16/2024	NPTEL
	7	MOPEC 04	Mathematics for Machine learning	Prof. Debjani Chakraborty, Prof. Debashree Guha Adhya	IIT Kharagpur	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_ma61/preview">https://onlinecourses.nptel.ac.in/noc24_ma61/preview</a>	2024-05-16 to 2024-07-29	8/16/2024	SWAYAM
Electronics Engineering, Electronics & Communication Engineering and Electronics & Communication (Communication System Engineering)	5	PEC 01	Electronic Systems Design: Hands-on Circuits and PCB Design with CAD Software	Prof. Ankur Gupta	IIT Delhi	12 weeks	3	<a href="https://nptel.ac.in/courses/108102481">https://nptel.ac.in/courses/108102481</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL
	5	PEC 02	Electronic Systems for Cancer Diagnosis	Prof. Hardik Jeetendra Pandya	IISc Bangalore	12 weeks	3	<a href="https://nptel.ac.in/courses/108108124">https://nptel.ac.in/courses/108108124</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL
	5	MOPEC 02	Simulation Of Communication Systems Using Matlab	Dr. Ribhu	IIT Guwahati	12 weeks	3	<a href="https://nptel.ac.in/courses/108103191">https://nptel.ac.in/courses/108103191</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL
	6	PEC 03	Data Structure and Algorithms using Java	Prof. Debasis Samanta	IIT Kharagpur	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_cs96/preview">https://onlinecourses.nptel.ac.in/noc24_cs96/preview</a>	2024-05-16 to 2024-07-29	8/16/2024	SWAYAM
	6	PEC 04	VLSI Design Flow: RTL to GDS	Prof. Sneha Saurabh	IIT Delhi	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_ee102/preview">https://onlinecourses.nptel.ac.in/noc24_ee102/preview</a>	2024-05-16 to 2024-07-29	8/16/2024	SWAYAM
	6	MOPEC 03	Cyber Security and Privacy	Prof. Saji K Mathew	IIT Madras	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc24_ee102/preview">https://onlinecourses.nptel.ac.in/noc24_ee102/preview</a>	2024-05-16 to 2024-07-29	8/16/2024	SWAYAM
	7	PEC 05	Digital VLSI Testing	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 weeks	3	<a href="https://nptel.ac.in/courses/117105137">https://nptel.ac.in/courses/117105137</a>	2024-05-16 to 2024-07-29	8/16/2024	NPTEL