

List of MOOCs for newly Admitted Students of BE for Even Term (January 2025)of A.Y. 2024-25 (Part-1)											
Course	Sem	Category	Subject Name	Faculty Name	Institute	Duration	Credit	Link	Enrolment Date	Exam Registration Date	Swayam / NPTEL
Chemical Engineering 05	5	PEC-01	Chemical Engineering Fluid Dynamics and Heat Transfer	Prof. Rabibrata Mukherjee , Prof. Arnab Atta	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/103105218	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	Characterization of Polymers, Elastomers and Composites	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/103105219	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Renewable Energy Engineering: Solar, Wind And Biomass Energy Systems	Prof. Vaibhav Vasant Goud,Prof. R. Anandalakshmi	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/103103206	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Aspen Plus Simulation Software - A Basic Course for Beginners	Prof. Prabirkumar Saha	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/103103209	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Membrane Technology	Prof. Kaustubha Mohanty	IIT Guwahati	12 weeks	3	https://nptel.ac.in/courses/103103163	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Physico-chemical processes for wastewater treatment	Prof. Vimal Chandra Srivastava	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/103107212	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	Chemical Process Utilities	Prof. Shishir Sinha	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/103107211	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Biomass Conversion and Biorefinery	Prof. Kaustubha Mohanty	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/103103207	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Computer Aided Applied Single Objective Optimization	Prof. Prakash Kotecha	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/103103164	January 27, 2025	February 14, 2025	NPTEL
Plastic Technology 23	5	PEC-01	Industrial Hydraulics and Automation	Prof. Niranjan Kumar Prof. Ajit Kumar	IIT-ISM Dhanbad	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	5	PEC-02	Principles Of Industrial Engineering	Prof. D. K. Dwivedi	IIT Roorkee	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Principles of Management	Prof. Usha Lenka	IIT Roorkee	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_mg52/preview	January 20, 2025	February 14, 2025	NPTEL
	6	PEC-03	Introduction to materials science and engineering	Prof. Rajesh Prasad	IIT Delhi	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	6	PEC-04	Polymer Reaction Engineering	Prof. Shishir Sinha	IIT Roorkee	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Business Fundamentals for Entrepreneurs	Prof. Devdip Purkayastha	IIT Bombay	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	7	PEC-05	Characterization of Polymers, Elastomers and Composites	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	7	PEC-06	Introduction to materials science and engineering	Prof. Rajesh Prasad	IIT Delhi	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Product Design and Manufacturing	Prof. J.Ramkumar Prof. Amandeep Singh	IIT Kanpur	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
Plastic Engineering 53	5	PEC-01	Industrial Hydraulics and Automation	Prof. Niranjan Kumar Prof. Ajit Kumar	IIT-ISM Dhanbad	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	5	PEC-02	Principles Of Industrial Engineering	Prof. D. K. Dwivedi	IIT Roorkee	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Principles of Management	Prof. Usha Lenka	IIT Roorkee	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_mg52/preview	January 20, 2025	February 14, 2025	NPTEL
	6	PEC-03	Introduction to materials science and engineering	Prof. Rajesh Prasad	IIT Delhi	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	6	PEC-04	Polymer Reaction Engineering	Prof. Shishir Sinha	IIT Roorkee	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Business Fundamentals for Entrepreneurs	Prof. Devdip Purkayastha	IIT Bombay	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	7	PEC-05	Characterization of Polymers, Elastomers and Composites	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	7	PEC-06	Introduction to materials science and engineering	Prof. Rajesh Prasad	IIT Delhi	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Product Design and Manufacturing	Prof. J.Ramkumar Prof. Amandeep Singh	IIT Kanpur	12 weeks	3	https://onlinecourses.nptel.ac.in/45677/preview	January 20, 2025	February 14, 2025	NPTEL
Rubber Technology - 26	5	PEC-01	Carbon Materials and Manufacturing	Prof. Swati Sharma	IIT Mandi	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_mm05/preview	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	Forests and their Management	Prof. Ankur Awadhiya	IIT Kanpur	12 Weeks	3	https://onlinecourses.nptel.ac.in/45684/preview	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Introduction to materials science and engineering	Prof. Rajesh Prasad	IIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/45684	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Characterization of Polymers, Elastomers and Composites	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/103105219	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Fundamentals of Spectroscopy	Prof. Sayan Bagchi Prof. Anirban Hazra	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/45684	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Surface Engineering for Corrosion and Wear Resistance Application Engineering	Prof. Indranil Manna Prof. Jyotsna Dutta Majumdar	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/45684	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	Polymer Reaction Engineering	Prof. Shishir Sinha	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/103107206	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Methods of Adhesion Measurement for Pressure Sensitive Adhesives: Theory and Practice	Prof. Animangsu Ghatak	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/103104569	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Fundamentals of Automotive Systems	Prof. C. S. Shankar Ram	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/107106088	January 27, 2025	February 14, 2025	NPTEL

Environment Engineering-13	5	PEC-01	Groundwater hydrology and management	Prof. Pennan Chinnasamy	IIT Bombay	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_ge16/preview	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	Remote Sensing Essentials	Prof. A. K. Saraf	IIT Roorkee	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_ce47/preview	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Safety and Risk Analytics	Prof. Jhareswar Maiti	IIT Kharagpur	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_mg57/preview	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Environmental Quality Monitoring & Analysis	Prof. Ravi Krishna R	IIT Madras	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_ch24/preview	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Water and Waste Water Treatment	Prof. Bhanu Prakash Vellanki	IIT Roorkee	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_ce63/preview	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Introduction to Environmental Engineering and Science - Fundamental and Sustainability	Prof. Brajesh K Dubey	IIT Kharagpur	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_ge17/preview	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	Industrial Wastewater Treatment	Prof Alok Sinha Prof S K Gupta	IIT-ISM Dhanbad	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_ce33/preview	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Environmental Impact Assessment	Prof. Harshit Sosan Lakra	IIT Roorkee	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_ar03/preview	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Biomass Conversion and Biorefinery	Prof. Kaustubha Mohanty	IIT Guwahati	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_ch09/preview	January 27, 2025	February 14, 2025	NPTEL
Electronics and Communication Engineering-11	5	PEC-01	Integrated Circuits, Mosfets, OP-Amps and their Applications	Prof. Hardik Jeetendra Pandya	IISc Bangalore	12 Weeks	3	https://nptel.ac.in/courses/108108111	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	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
	5	MOPEC-02	Network Security	Prof. Gaurav S. Kasbekar	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/108101585	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Optical Wireless Communications for Beyond 5G Networks and IoT	Prof. Anand Srivastava	IIIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/108106190	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Digital Communication using GNU Radio	Prof. Kumar Appaiah	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/108101373	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	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
	7	PEC-05	EMI /EMC and Signal Integrity: Principles, Techniques and Applications	Prof. Amitabha Bhattacharya	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105375	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Embedded Sensing, Actuation and Interfacing Systems	Prof. Banibrata Mukherjee	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105376	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Fuzzy Sets, Logic and Systems & Applications	Prof. Nishchal K Verma	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/108104157	January 27, 2025	February 14, 2025	NPTEL
Electronics and Communication(Communication System Engineering)-54	5	PEC-01	Integrated Circuits, Mosfets, OP-Amps and their Applications	Prof. Hardik Jeetendra Pandya	IISc Bangalore	12 Weeks	3	https://nptel.ac.in/courses/108108111	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	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
	5	MOPEC-02	Network Security	Prof. Gaurav S. Kasbekar	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/108101585	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Optical Wireless Communications for Beyond 5G Networks and IoT	Prof. Anand Srivastava	IIIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/108106190	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Digital Communication using GNU Radio	Prof. Kumar Appaiah	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/108101373	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	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
	7	PEC-05	EMI /EMC and Signal Integrity: Principles, Techniques and Applications	Prof. Amitabha Bhattacharya	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105375	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Embedded Sensing, Actuation and Interfacing Systems	Prof. Banibrata Mukherjee	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105376	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Fuzzy Sets, Logic and Systems & Applications	Prof. Nishchal K Verma	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/108104157	January 27, 2025	February 14, 2025	NPTEL
Electronics Engineering-10	5	PEC-01	Integrated Circuits, Mosfets, OP-Amps and their Applications	Prof. Hardik Jeetendra Pandya	IISc Bangalore	12 Weeks	3	https://nptel.ac.in/courses/108108111	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	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
	5	MOPEC-02	Network Security	Prof. Gaurav S. Kasbekar	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/108101585	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Optical Wireless Communications for Beyond 5G Networks and IoT	Prof. Anand Srivastava	IIIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/108106190	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Digital Communication using GNU Radio	Prof. Kumar Appaiah	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/108101373	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	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
	7	PEC-05	EMI /EMC and Signal Integrity: Principles, Techniques and Applications	Prof. Amitabha Bhattacharya	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105375	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Embedded Sensing, Actuation and Interfacing Systems	Prof. Banibrata Mukherjee	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105376	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Fuzzy Sets, Logic and Systems & Applications	Prof. Nishchal K Verma	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/108104157	January 27, 2025	February 14, 2025	NPTEL
	5	PEC 01	Principles of Communication Systems - I	Prof. Aditya K. Jagannatham	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/108104091	January 27, 2025	February 14, 2025	NPTEL
	5	PEC 02	Integrated Circuits and Applications	Prof. Shaik Rafi Ahamed	IIT Guwahati	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_ee43/preview	January 27, 2025	February 14, 2025	NPTEL

Electrical Engineering (09)	5	MOPEC 02	Non-conventional energy Resources	Dr. Prathap Haridoss	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/121106014	January 27, 2025	February 14, 2025	NPTEL
	6	PEC 03	Industrial Automation and Control	Prof. Alokanti Deb	IT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105088	January 27, 2025	February 14, 2025	NPTEL
	6	PEC 04	Semiconductor device modeling and Simulation	Prof. Vivek Dixit	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105188	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC 03	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
	7	PEC 05	Smart Grid: Basics to Advanced Technologies	Prof. N.P. Padhy, Prof. Premalata Jena	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/108107113	January 27, 2025	February 14, 2025	NPTEL
	7	PEC 06	Computer-Aided Design of Electrical Machines	Prof. Bhim Singh	IIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/108102372	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC 04	Engineering Statistics	Prof. Manjesh Kumar Hanawal	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/127101233	January 27, 2025	February 14, 2025	NPTEL
Power Electronics / Power Electronics Engineering (24)	5	PEC 01	Principles of Communication Systems - I	Prof. Aditya K. Jagannatham	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/108104091	January 27, 2025	February 14, 2025	NPTEL
	5	PEC 02	Integrated Circuits and Applications	Prof. Shaik Rafi Ahamed	IIT Guwahati	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_ee43/preview	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC 02	Non-conventional energy Resources	Dr. Prathap Haridoss	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/121106014	January 27, 2025	February 14, 2025	NPTEL
	6	PEC 03	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	PEC 04	Semiconductor device modeling and Simulation	Prof. Vivek Dixit	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105188	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC 03	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
	7	PEC 05	Smart Grid: Basics to Advanced Technologies	Prof. N.P. Padhy, Prof. Premalata Jena	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/108107113	January 27, 2025	February 14, 2025	NPTEL
	7	PEC 06	Computer-Aided Design of Electrical Machines	Prof. Bhim Singh	IIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/108102372	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC 04	Engineering Statistics	Prof. Manjesh Kumar Hanawal	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/127101233	January 27, 2025	February 14, 2025	NPTEL
Smart and Sustainable Energy (50)	5	PEC 01	Principles of Communication Systems - I	Prof. Aditya K. Jagannatham	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/108104091	January 27, 2025	February 14, 2025	NPTEL
	5	PEC 02	Integrated Circuits and Applications	Prof. Shaik Rafi Ahamed	IIT Guwahati	12 weeks	3	https://onlinecourses.nptel.ac.in/noc25_ee43/preview	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC 02	Non-conventional energy Resources	Dr. Prathap Haridoss	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/121106014	January 27, 2025	February 14, 2025	NPTEL
	6	PEC 03	Industrial Automation and Control	Prof. Alokanti Deb	IT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105088	January 27, 2025	February 14, 2025	NPTEL
	6	PEC 04	Semiconductor device modeling and Simulation	Prof. Vivek Dixit	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/108105188	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC 03	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
	7	PEC 05	Smart Grid: Basics to Advanced Technologies	Prof. N.P. Padhy, Prof. Premalata Jena	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/108107113	January 27, 2025	February 14, 2025	NPTEL
	7	PEC 06	Computer-Aided Design of Electrical Machines	Prof. Bhim Singh	IIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/108102372	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC 04	Engineering Statistics	Prof. Manjesh Kumar Hanawal	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/127101233	January 27, 2025	February 14, 2025	NPTEL
Bio-Medical Engineering IC-03	5	PEC-01	Sustainable Management of Biodiversity	Dr. Shachi Shah	Indira Gandhi National Open University, New Delhi	12 Weeks	4	https://onlinecourses.swayam2.ac.in/nou25_bt01/preview	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_cs69/preview	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Understanding Incubation and Entrepreneurship	Dr. B.K. Chakravarthy	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/107101092	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-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
	6	PEC-04	Introductory Mathematical Methods for Biologists	Dr. Ranjith Padinhateeri	IIIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/102101067	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Geography of Health and Well Being	Dr. Aakriti Grover	Dr. B. R. Ambedkar University Delhi	12 Weeks	4	https://onlinecourses.swayam2.ac.in/nou25_ge34/preview	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	Advanced Fluorescence Microscopy and Image Processing	Prof. Gunjan Mehta	IIT Hyderabad	12 Weeks	3	https://nptel.ac.in/courses/102106553	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Biological Data Analysis and Visualization with R	Prof. Riddhiman Dhar	IIT Kharagpur	8 Weeks	2	https://nptel.ac.in/courses/102105556	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Exercise and Sports Biomechanics/Reinforcement Learning	Prof. Viswanath Sundar, Prof. P.Rajinikumar, Prof. Rahul Tiwari	Visva Bharati University, Santiniketan	12 Weeks	3	https://nptel.ac.in/courses/109105596	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-01	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
	5	PEC-02	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_cs69/preview	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Operations Management	Prof. Inderdeep Singh	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/112107238	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Introduction to Machine Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/106106139	January 27, 2025	February 14, 2025	NPTEL

Instrumentation & Control -17	6	PEC-04	Introduction to Internet of Thing	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105166	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Fundamentals of Automotive Systems	Prof. C. S. Shankar Ram	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/107106088	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	Digital VLSI Testing	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_ee25/preview	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Understanding Incubation and Entrepreneurship	Dr.D.K.Chakravarthy	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/107101092	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Robotics: Basics and Selected Advanced Concepts	Prof.Ashitava Gosal	IISc Bangalore	12 Weeks	3	https://nptel.ac.in/courses/112108298	January 27, 2025	February 14, 2025	NPTEL
IC_Electronics & Instrumentation - 47	5	PEC-01	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
	5	PEC-02	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_cs69/preview	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Operations Management	Prof. Inderdeep Singh	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/112107238	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Introduction to Machine Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/106106139	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Introduction to Internet of Thing	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/106105166	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Fundamentals of Automotive Systems	Prof. C. S. Shankar Ram	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/107106088	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	Digital VLSI Testing	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_ee25/preview	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Understanding Incubation and Entrepreneurship	Dr.D.K.Chakravarthy	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/107101092	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Robotics: Basics and Selected Advanced Concepts	Prof.Ashitava Gosal	IISc Bangalore	12 Weeks	3	https://nptel.ac.in/courses/112108298	January 27, 2025	February 14, 2025	NPTEL
Aeronautical Engineering -01	5	PEC-01	Processing of Polymers and Polymer Composites	Prof. Inderdeep Singh	IIT Roorkee	8 Weeks	3	https://nptel.ac.in/courses/112107221	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	Fundamentals of Theoretical and Experimental Aerodynamics	Prof. Arnab Roy	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/101105088	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Principles of Management	Prof. Usha Lenka	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/110107150	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Gas Dynamics: Fundamentals and Applications	Prof.Srisha Rao M V	IISc Bangalore	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_ae06/preview	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Lighter than Air Systems	Prof. Rajkumar Pant	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/101101087	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Product Engineering and Design Thinking	Prof. Pranab K Dan Prof. Prabir Sarkar	IIT Kharagpur	8 Weeks	3	https://nptel.ac.in/courses/112105316	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	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
	7	PEC-06	Space Flight Mechanics	Dr. Manoranjan Sinha	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/101105029	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	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
Automobile Engineering-02	5	PEC-01	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
	5	PEC-02	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	MOPEC-02	Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems	Prof. Vaibhav Vasant Goud, Prof. R. Anandalakshmi	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/103103206	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Traction Engineering	Prof. Hifjur Raheman	IIT Kharagpur	8 Weeks	3	https://nptel.ac.in/courses/126105026	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Computational Fluid Dynamics for Incompressible Flows	Prof. Amaresh Dalal	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/112103289	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Design of Mechanical Transmission Systems	Prof. Ramkumar	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/112106424	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	Inspection and Quality Control in Manufacturing	Prof. Kaushik Pal	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/112107259	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Principles of Industrial Engineering	Prof. D K Dwivedi	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/112107292	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Introduction to Uncertainty Analysis and Experimentation	PROF. S. R. KALE	IIT Delhi	8 Weeks	3	https://nptel.ac.in/courses/112102298	January 27, 2025	February 14, 2025	NPTEL
Mecha-34- Manufacturing	5	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	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	MOPEC-02	Industrial Hydraulics and Automation	Prof. Niranjan Kumar, Prof. Ajit Kumar	IIT-ISM Dhanbad	12 Weeks	3	https://nptel.ac.in/courses/112105423	January 27, 2025	February 14, 2025	NPTEL
	6	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	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	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	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	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	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
Mechanical Engg-19	5	PEC-01	Robotics: Basics and Selected Advanced Concepts	Dr.D.K.Chakravarth	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/107101092	January 27, 2025	February 14, 2025	NPTEL
	5	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	MOPEC-02	Industrial Hydraulics and Automation	Prof. Niranjn Kumar, Prof. Ajit Kumar	IIT-ISM Dhanbad	12 Weeks	3	https://nptel.ac.in/courses/112105423	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Design of Mechanical Transmission Systems	Prof. Ramkumar	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/112106424	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Non-conventional energy Resources	Dr. Prathap Haridoss	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/121106014	January 27, 2025	February 14, 2025	NPTEL
	6	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	PEC-05	IC Engines And Gas Turbines	Dr. Vinayak Kulkarni, Prof. Pranab K. Mondal	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/112103262	January 27, 2025	February 14, 2025	NPTEL
	7	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	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
Mechanical-20-Mechatronics	5	PEC-01	Introduction to Reliability Engineering	Prof. Neeraj Kumar Goyal	IIT Kharagpur	8 Weeks	3	https://nptel.ac.in/courses/127105234	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	Digital Signal Processing and its Applications	Prof. V. M. Gadre	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/108101174	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Roadmap for patent creation*	Prof. Gouri Gargate	IIT Kharagpur	8 Weeks	3	https://nptel.ac.in/courses/127105008	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Optimal control	Prof. Barjeev Tyagi	IIT Roorkee	8 Weeks	3	https://nptel.ac.in/courses/108107098	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	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	MOPEC-03	Design Practices for Intelligent Product Design	Prof. Bishakh Bhattacharya	IIT Kanpur	8 Weeks	3	https://nptel.ac.in/courses/107104581	February 17, 2025	February 24, 2025	NPTEL
	7	PEC-05	Finite Element Method	Prof. Biswanath Banerjee Prof. Amit Shaw	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/112105308	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Introduction to Machine Learning	Dr. Balaraman Ravindran	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/106106139	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Introduction to Internet of Things*	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	3	https://onlinecourses.nptel.ac.in/noc25_cs44/preview	January 27, 2025	February 14, 2025	NPTEL
Mechanical-21-Metallurgy	5	PEC-01	Principles of Extractive Metallurgy	Prof. Tarun Kumar Kundu	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/113105441	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	Introduction To Composites	Prof. Nachiketa Tiwari	IIT Kanpur	12 Weeks	3	https://nptel.ac.in/courses/112104168	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Elements of Modern Physics	Prof. Saurabh Basu	IIT Guwahati	12 Weeks	3	https://nptel.ac.in/courses/115103640	January 27, 2025	February 14, 2025	NPTEL
	6	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	PEC-04	Surface Engineering For Corrosion And Wear Resistance Application	Prof. Indranil Manna Prof. Jyotsna Dutta Majumdar	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/45684	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Ethics In Engineering Practice	Prof. Susmita Mukhopadhyay	IIT Kharagpur	8 Weeks	3	https://nptel.ac.in/courses/110105097	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	Aqueous Corrosion and Its Control	Prof. V.S. Raja	IIT Bombay	12 Weeks	3	https://nptel.ac.in/courses/113101098	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Welding Processes	Prof. Murugaiyan Amirthalingam	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/113106087	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Qualitative Research Methods and Research Writing	Prof. Aradhna Malik	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/109105115	January 27, 2025	February 14, 2025	NPTEL
Mining Engineering -22	5	PEC-01	Bulk Material Transport and Handling Systems	Prof. Khanindra Pathak	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/113105104	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	Mining Machinery	Prof. Khanindra Pathak	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/123105005	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Industrial Hydraulics and Automation	Prof. Niranjn Kumar Prof. Ajit Kumar	IIT-ISM Dhanbad	12 Weeks	3	https://nptel.ac.in/courses/112105423	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Drilling and Blasting Technology	Prof. Kaushik Dey	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/123105003	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Sustainable Mining and Geoinformation	Prof. B. K. Prusty Prof. M. D. Behera	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/127105593	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Non-conventional energy Resources	Prof. Prathap Haridoss	IIT Madras	12 Weeks	3	https://nptel.ac.in/courses/121106014	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	Rock Engineering	Prof. Priti Maheshwari	IIT Roorkee	12 Weeks	3	https://nptel.ac.in/courses/105107208	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Introduction to Mineral Processing	Prof. Arun Kumar Majumder	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/105105171	January 27, 2025	February 14, 2025	NPTEL

	7	MOPEC-04	Non-conventional energy Resources	Prof. Bibhuti Bhusan Mandal Prof. Shantanu Kumar Patel	IIT Kharagpur	12 Weeks	3	https://nptel.ac.in/courses/123105637	January 27, 2025	February 14, 2025	NPTEL
Textile Technology -29	5	PEC-01	Evaluation of Textile Materials	Dr. Apurba Das	IIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/116102049	January 27, 2025	February 14, 2025	NPTEL
	5	PEC-02	Textured Yarn Technology	Prof. Kushal Sen	IIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/116102053	January 27, 2025	February 14, 2025	NPTEL
	5	MOPEC-02	Testing of Functional and Technical Textiles	Prof. Apurba Das	IIT Delhi	8 Weeks	3	https://nptel.ac.in/courses/116102050	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-03	Advanced Textile Printing Technology	Prof. Kushal Sen	IIT Delhi	8 Weeks	3	https://nptel.ac.in/courses/116102052	January 27, 2025	February 14, 2025	NPTEL
	6	PEC-04	Textured Yarn Technology	Prof. Kushal Sen	IIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/116102053	January 27, 2025	February 14, 2025	NPTEL
	6	MOPEC-03	Theory of Yarn Structure	Prof. Dipayan Das	IIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/116102051	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-05	Testing of Functional and Technical Textiles	Dr. Apurba Das	IIT Delhi	8 Weeks	3	https://nptel.ac.in/courses/116102050	January 27, 2025	February 14, 2025	NPTEL
	7	PEC-06	Theory of Yarn Sturcture	Prof. Bohuslav Neckar or Dr. Dipayan Das	IIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/116102034 OR https://nptel.ac.in/courses/116102051	January 27, 2025	February 14, 2025	NPTEL
	7	MOPEC-04	Textile Product Design and Development	Prof. R Chattopadhyay	IIT Delhi	12 Weeks	3	https://nptel.ac.in/courses/116102058	January 27, 2025	February 14, 2025	NPTEL