

**List of MOOCs for For B.Tech - IT/CSE/CE (A.Y.2024-25 - Even Term - January-2025)**

Semester	Subject Name	Faculty Name	Institute	Duration	Credit	Link	Enrolment Date	Exam Registration Date	Swayam / NPTEL
5	Object Oriented System Development Using UML, Java And Patterns	Prof. Rajib Mall	IIT Kharagpur	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_cs52/preview">https://onlinecourses.nptel.ac.in/noc25_cs52/preview</a>	20-Jan-25	14-Feb-25	NPTEL
6	Advanced Computer Architecture	Prof. Smruti Ranjan Sarangi	IIT Delhi	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_cs01/preview">https://onlinecourses.nptel.ac.in/noc25_cs01/preview</a>	20-Jan-25	11-Apr-25	NPTEL
7	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_cs11/preview">https://onlinecourses.nptel.ac.in/noc25_cs11/preview</a>	20-Jan-25	14-Feb-25	NPTEL

**List of MOOCs for For B.Tech - Civil (A.Y.2024-25 - Even Term - January-2025)**

Semester	Subject Name	Faculty Name	Institute	Duration	Credit	Link	Enrolment Date	Exam Registration Date	Swayam / NPTEL
5	Air pollution and Control	Prof. Bhola Ram Gurjar	IIT Roorkee	12 Week	3	<a href="https://onlinecourses.nptel.ac.in/noc25_ce04/preview">https://onlinecourses.nptel.ac.in/noc25_ce04/preview</a>	27-Jan-25	14-Feb-25	NPTL
5	Retrofitting and Rehabilitation of Civil Infrastructure	Prof. Swati Maitra, Prof. Sriman Kumar Bhattacharyya	IIT Kharagpur	12 Week	3	<a href="https://onlinecourses.nptel.ac.in/noc25_ce49/preview">https://onlinecourses.nptel.ac.in/noc25_ce49/preview</a>	27-Jan-25	14-Feb-25	NPTL
5	Geographic Information Systems	Prof. Arun K. Saraf	IIT Roorkee	12 Week	3	<a href="https://onlinecourses.nptel.ac.in/noc25_ce23/preview">https://onlinecourses.nptel.ac.in/noc25_ce23/preview</a>	27-Jan-25	14-Feb-25	NPTL
6	Modern Construction Materials	Prof. Ravindra Gettu, Prof. Aslam Kunhi Mohamed	IIT Madras	12 Week	3	<a href="https://onlinecourses.nptel.ac.in/noc25_ce41/preview">https://onlinecourses.nptel.ac.in/noc25_ce41/preview</a>	27-Jan-25	14-Feb-25	NPTL
6	Maintenance and Repair of Concrete Structures	Prof. Radhakrishna G. Pillai	IIT Madras	12 Week	3	<a href="https://onlinecourses.nptel.ac.in/noc25_ce38/preview">https://onlinecourses.nptel.ac.in/noc25_ce38/preview</a>	27-Jan-25	14-Feb-25	NPTL
6	Industrial Wastewater Treatment	Prof. Alok Sinha, Prof. S K Gupta	IIT Dhanbad	12 Week	3	<a href="https://onlinecourses.nptel.ac.in/noc25_ce33/preview">https://onlinecourses.nptel.ac.in/noc25_ce33/preview</a>	27-Jan-25	14-Feb-25	NPTL
7	Strategies for Sustainable Design	Prof. Shiva Ji	IIT Hyderabad	12 Week	3	<a href="https://onlinecourses.nptel.ac.in/noc25_de04/preview">https://onlinecourses.nptel.ac.in/noc25_de04/preview</a>	27-Jan-25	14-Feb-25	NPTL
7	Groundwater hydrology and management	Prof. Pennan Chinnasamy	IIT Bombay	12 Week	3	<a href="https://onlinecourses.nptel.ac.in/noc25_ge16/preview">https://onlinecourses.nptel.ac.in/noc25_ge16/preview</a>	27-Jan-25	14-Feb-25	NPTL
7	Structural Vibration	Prof. Arunasis Chakraborty	IIT Guwahati	12 Week	3	<a href="https://onlinecourses.nptel.ac.in/noc25_ce56/preview">https://onlinecourses.nptel.ac.in/noc25_ce56/preview</a>	27-Jan-25	14-Feb-25	NPTL

**List of MOOCs for For B.Tech - BioTech (A.Y.2024-25 - Even Term - January-2025)**

Semester	Subject Name	Faculty Name	Institute	Duration	Credit	Link	Enrolment Date	Exam Registration Date	Swayam / NPTEL
5	Computational Genomics	Prof. Vineet Kumar Sharma	IISER Bhopal	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_bt13/preview">https://onlinecourses.nptel.ac.in/noc25_bt13/preview</a>	20-Jan-25	14-Feb-25	NPTL
5	Bioinformatics: Algorithms and Applications	Prof. Michael Gromiha	IIT Madras	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_bt06/preview">https://onlinecourses.nptel.ac.in/noc25_bt06/preview</a>	20-Jan-25	14-Feb-25	NPTL
5	Thermodynamics for Biological Systems : Classical and Statistical Aspect	Prof. G. K. Suraishkumar, Prof. Sanjib Senapati	IIT Madras	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_bt42/preview">https://onlinecourses.nptel.ac.in/noc25_bt42/preview</a>	20-Jan-25	14-Feb-25	NPTL
6	Computational Genomics	Prof. Vineet Kumar Sharma	IISER Bhopal	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_bt13/preview">https://onlinecourses.nptel.ac.in/noc25_bt13/preview</a>	20-Jan-25	14-Feb-25	NPTL
6	RNA Biology	Prof. Rajesh Ramachandran	IISER Mohali	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_bt40/preview">https://onlinecourses.nptel.ac.in/noc25_bt40/preview</a>	20-Jan-25	14-Feb-25	NPTL
6	Biomechanics	Prof. Varadhan	IIT Madras	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_bt08/preview">https://onlinecourses.nptel.ac.in/noc25_bt08/preview</a>	20-Jan-25	14-Feb-25	NPTL
7	Research Methodology in Natural Sciences	Prof. Soumitro Banerjee	IISER Kolkata	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_ge29/preview">https://onlinecourses.nptel.ac.in/noc25_ge29/preview</a>	20-Jan-25	14-Feb-25	NPTL
7	Structural Biology	Prof. Saugata Hazra	IIT Roorkee	12 weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_bt41/preview">https://onlinecourses.nptel.ac.in/noc25_bt41/preview</a>	20-Jan-25	14-Feb-25	NPTL

List of MOOCs for For B.Tech - Mechanical (A.Y.2024-25 - Even Term (January-2025))

Semester	Subject Name	Faculty Name	Institute	Duration	Credit	Link	Enrolment Date	Exam Registration Date	Swayam / NPTEL
5	Oil Hydraulics and Pneumatics	Prof. Somashekhar S	IIT Madras	12 Weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_me58/preview">https://onlinecourses.nptel.ac.in/noc25_me58/preview</a>	27-Jan-25	14-Feb-25	Swayam
5	Computer Integrated Manufacturing	Prof. J. Ramkumar, Prof. Amandeep Singh Oberoi	IIT Kanpur	12 Weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_me11/preview">https://onlinecourses.nptel.ac.in/noc25_me11/preview</a>	25-Jan-25	14-Feb-25	Swayam
5	Industrial Automation	Prof. Alokanti Deb	IIT Kharagpur	12 Weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_ee42/preview">https://onlinecourses.nptel.ac.in/noc25_ee42/preview</a>	27-Jan-25	14-Feb-25	Swayam
6	Failure Analysis and Prevention	Prof. D. K. Dwivedi		12 Weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_me25/preview">https://onlinecourses.nptel.ac.in/noc25_me25/preview</a>	27-Jan-25	14-Feb-25	Swayam
6	Machinery Fault Diagnosis And Signal Processing	Prof. Amiya Ranjan Mohanty	IIT Kharagpur	12 Weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_me47/preview">https://onlinecourses.nptel.ac.in/noc25_me47/preview</a>	27-Jan-25	14-Feb-25	Swayam
6	Noise Management & Control	Prof. Nachiketa Tiwari	IIT Kanpur	12 Weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_me56/preview">https://onlinecourses.nptel.ac.in/noc25_me56/preview</a>	27-Jan-25	14-Feb-25	Swayam
7	Fundamentals Of Nuclear Power Generation	Prof. Dipankar N.Basu	IIT Guwahati	12 Weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_me32/preview">https://onlinecourses.nptel.ac.in/noc25_me32/preview</a>	27-Jan-25	14-Feb-25	Swayam
7	Phase Transformation in Materials	Prof. Krishanu Biswas	IIT Kanpur	12 Weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_me61/preview">https://onlinecourses.nptel.ac.in/noc25_me61/preview</a>	27-Jan-25	14-Feb-25	Swayam
7	Thermal Engineering: Basic and Applied	Prof. Pranab K. Mondal	IIT Guwahati	12 Weeks	3	<a href="https://onlinecourses.nptel.ac.in/noc25_me77/preview">https://onlinecourses.nptel.ac.in/noc25_me77/preview</a>	27-Jan-25	14-Feb-25	Swayam