

Department of Computer Science & Engineering
Tezpur University
Autumn Semester 2023

Date: 21-07-2023

List of MOOCs courses offered as electives by the Dept. of CSE in Autumn 2023

The course details and procedure for registration are available in the NPTEL web portal <https://nptel.ac.in/>

Course Code	NPTEL Course id	Course Name	Course Instructor	Total Credit
CS651	noc23-cs92	Artificial Intelligence: Search Methods for problem Solving	Prof. Deepak Khemani, IITM	3
CS652	noc23-cs69	Privacy And Security In Online Social Media	Prof. Ponnuragam Kumaraguru, IIITH	2
CS654	noc23-cs95	Programming, data structures and algorithms using Python	Prof. Madhavan Mukund, CMI	2
CS658	noc23-cs107	Social Networks	Prof. Sudarshan Iyengar Prof. Yayati Gupta, IIT Ropar	3
CS660	noc23-cs74	Programming in Java	Prof. Debasis Samanta, IITKGP	3
CS661	noc23-cs97	Data Science for Engineers	Prof. Ragunathan Rengasamy and Prof. Shankar Narasimhan	2
CS669	noc23-cs82	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Sudip Misra, IIT KGP	3
CS670	noc23-cs110	Deep Learning	Prof. Sudarshan Iyengar Prof. Padmavati, IIT Ropar	3
CS671	noc23-cs100	Reinforcement Learning	Prof. Balaraman Ravindran, IIT Madras	3
CS672	noc23-cs75	Ethical Hacking	Prof. Indranil Sengupta, IITKGP	3
CS673	noc23-cs124	Demystifying networking	Prof. Sridhar Iyer Prof. Ashutosh Raina, IITB	1
CS674	noc23-cs70	Theory of Computation	Prof. Raghunath Tewari, IITK	2
CS677	noc23-cs98	Introduction to Machine Learning	Prof. Balaraman Ravindran, IIT Madras	3
EC431	noc23-cs108	The Joy of Computing using Python	Prof. Sudarshan Iyengar, IIT Ropar	3

(Dr. S. Saharia)

Head, CSE

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List of MOOCs courses adopted as OPEN CELECTIVES for CSE students in Autumn 2023

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Course Code	NPTEL Course id	Course Name	Course Instructor	Total Credit
CE587	noc23-de17	Geographic Information System	Prof. Bharath H Aithal, IITKGP	3
EE610	noc23-ge41	Solar Energy Engineering and Technology	Prof. Pankaj Kalita, IITG	3
FE671	noc23-ch56	Aspen Plus® simulation software - a basic course for beginners	Prof. Prabirkumar Saha, IITG	3
FE676	noc23-de16	Understanding incubation and entrepreneurship	Prof. B.K. Chakravarthy, IITB	3
FT494	noc23-ch45	Chemical Engineering Thermodynamics	Prof. Jayant K. Singh, IITK	3
ME453	noc23-me124	Work system design	Prof. Inderdeep Singh, IITR	3
ME454	noc23-mg82	Game Theory	Prof. K.S. Mallikarjuna Rao, IITB	3
ME455	noc23-bt35	Genetic Engineering: Theory and Application	Prof. Vishal Trivedi, IITG	3
ME456	noc23-me103	Aircraft Propulsion	Prof. Vinayak N. Kulkarni, IITG	3
ME461	noc23-ee144	Linear Systems Theory	Prof. Ramkrishna Pasumathy, IITM	3
ME462	noc23-me105	Automation in Manufacturing	Prof. Shrikrishna N. Joshi, IITG	3
ME463	noc23-me121	Heat Exchangers: Fundamentals and Design Analysis	Prof. Prasanta Kr Das & Prof. Indranil Ghosh, IITKGP	3
ME577	noc23-mg71	Operations and Supply chain management	Prof. G. Srinivasan, IITM	3

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