

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TEZPUR UNIVERSITY**

List of MOOCs courses offered as electives by the Dept. of CSE in Autumn-2025

Course Code	NPTEL Code	Name	Duration (weeks)	Credit	Degree
CS654	noc25-cs89	Programming, data structures and algorithms using Python	8	2	UG
CS658	noc25-cs102	Social Networks	12	3	UG
CS660	noc25-cs110	Programming in Java	12	3	UG
CS661	noc25-cs101	Data Science for Engineers	8	2	UG/PG
CS669	noc25-cs146	Introduction to Industry 4.0 and Industrial Internet of Things	12	3	UG/PG
CS670	noc25-cs106	Deep Learning/ IIT Ropar	12	3	UG/PG
CS671	noc25-cs92	Reinforcement Learning	12	3	UG/PG
CS672	noc25-cs142	Ethical Hacking	12	3	UG/PG
CS673	noc25-cs125	Demystifying networking	4	1	UG/PG
CS677	noc25-cs91	Introduction to Machine Learning	12	3	UG/PG
CS678	noc25-cs103	The Joy of Computing Using Python	12	3	UG/PG
CS652	noc25-cs117	Privacy and Security in Online social media	12	3	UG

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**List of MOOCs courses offered as Open electives for the Dept. of CSE in Autumn-
2025**

Code	Name	Duration	Credit	Degree
EE610	Solar Energy Engineering and Technology	12	3	UG/PG
FE676	understanding incubation and entrepreneurship	12	3	UG
ME577	Operations and Supply chain management	12	3	UG/PG
ME462	Automation in Manufacturing	12	3	UG
ME453	Work system design	12	3	UG
ME456	Aircraft Propulsion	12	3	UG/PG
EE602	Electronic Systems for Cancer Diagnosis	12	3	UG
EE611	Design of photovoltaic systems	12	3	UG
EE685	Industrial Safety Engineering	12	3	UG
EE688	Entrepreneurship	12	3	UG
CE461	Municipal Solid Waste Management	12	3	UG
CE576	Introduction to Engineering Seismology	12	3	UG
EC473	Introduction to Photonics	12	3	UG/PG

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(S. Saharia)
Head, CSE