

**Department of Mechanical Engineering,
Tezpur University, Tezpur - 784028**

List of MOOC offered by Mechanical Engineering (ME) in Autumn 2025

I . MOOC as Program or ME Electives

SN	TU code	NPTEL code	Course Name	no of weeks	credit	for whom
1	ME 462	noc25-me154	Automation in Manufacturing	12	3	UG
2	ME 453	noc25-me122	Work system design	12	3	UG
3	ME 627**	noc25-me160	Vibrations of Plates and Shells	12	3	UG/PG/PhD
4	ME 456	noc25-me147	Aircraft Propulsion	12	3	UG/PG
5	ME 577	noc25-mg105	Operations and Supply chain management	12	3	UG
6	ME 463	noc25-me170	Heat Exchangers: Fundamentals and Design Analysis	12	3	UG
7	ME 470**	noc25-ge43	Carbon Accounting and Sustainable Designs in Product Lifecycle Management	12	3	UG
8	ME457**	noc25-me125	Rapid Manufacturing	12	3	UG

**** School Board and AC approvals pending**

II . MOOC as OPEN Electives

SN	Nptel code	Offering dept.	Course	Course Name	no of weeks	for whom
1	ME 455	noc25-bt53	Genetic Engineering: Theory and Application	12	3	UG/PG
2	ME 461	noc25-ee105	Linear Systems Theory	12	3	UG