



Sardar Vallabhbhai National Institute of Technology, Surat
Ichchhanath, Dumas Road, Surat – 395007, Gujarat, India
Department of Mechanical Engineering

No: 2977

Date: 02/12/2025

M. Tech 2nd Semester
Academic Year: 2025-26 (Even Semester)
Tentative Faculty for the Elective Courses

The details of the tentative faculty for the elective courses of M.Tech (2nd semester) to be offered in the even semester of the academic year 2025-26 are given below.

Semester	Subject Code & Name	Core Elective/ Institute Elective	Tentative Faculty
M. Tech MECHANICAL ENGINEERING- 2025-2026 (2nd Sem)	MEME112: Renewable Energy Systems	Core Elective-III	Dr. Purnanand V. Bhale
	MEME114: Design of Pressure Vessels	Core Elective-III	Dr. Achchhe Lal
	MEME122: Design of Experiments	Core Elective-IV	Dr. D. I. Lalwani
	MEME126: Combustion for Propulsion Systems	Core Elective-IV	Dr. R. D. Shah
	MEME128: Design of Heat Exchangers	Core Elective-IV	Dr. Bade Mukund H. Sh. A. B. Makwana
	MEME130: Non Destructive Testing	Core Elective-IV	Sh. D. B. Gohil
	MEME174: Intelligent Manufacturing Systems	Inst. Elective	Dr. Krishna Kishore Mugada
	MEME176: Energy Conservation, Management and Audit	Inst. Elective	Dr. Rajesh Choudhary
M. Tech CAD/CAM 2025-2026 (2nd Sem)	MECC118: Computer Aided Tool Design	Core Elective-III	Dr. A. A. Shaikh
	MECC124: Theory of Elasticity and Plasticity	Core Elective-IV	Dr. Mulay Amrut Shrikant
	MECC172: Extended Finite Element Methods	Inst. Elective	Sh. Anil Mahto
M. Tech Manufacturing Engineering 2025-2026 (2nd Sem)	MEMF110: Metal Casting	Core Elective-III	Dr. Neeraj Srivastava
	MEMF112: Finite Element Methods	Core Elective-III	Dr. Rohit Tamrakar
	MEMF120: Surface Engineering	Core Elective-IV	Dr. Vivek D. Kalyankar
	MEMF128: Numerical Methods in Manufacturing	Core Elective-IV	Dr. Saraf Atul Ramesh
	MEMF130: Non-Destructive Testing	Inst. Elective	Dr. R. Venkata Rao
	MEMF134: Logistics and Supply Chain Management	Inst. Elective	Dr. Ravi Kant
	MEMF136: Micro and Nano Manufacturing	Inst. Elective	Dr. Sunil Kumar
M. Tech Thermal System Design 2025-2026 (2nd Sem)	METD132: Design of Heat Exchangers	Core Elective-III	Dr. Manish Rathod Sh. A. B. Makwana
	METD142: Machine Learning for Thermal Systems	Core Elective-IV	Dr. Vipul M. Patel
	METD148: Renewable Energy Systems	Core Elective-IV	Dr. Rohan Rahul Pande
M. Tech Turbo Machines 2025-2026 (2nd Sem)	METM130: Micro-Hydro Power Plant	Core Elective-III	Dr. A. V. Doshi
	METM132: Theory and Design of Cryogenic Systems	Core Elective-III	Dr. Naresh Yarramsetty Dr. Yogendra Kuwar
	METM148: Machine Learning for Thermal Systems	Core Elective-IV	Dr. Vipul M. Patel
	METM170: Computational Fluid Dynamics	Inst. Elective	Dr. Jyotirmay Banerjee

Ritesh Nigam

Time-Table Committee

[Signature]

02 Dec 2025

Head, DoME

विभागाध्यक्ष / HEAD

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Department of Mechanical Engineering

स.व.रा.प्रौ.सं., सूत-७ / S.V.N.I.T., Surat-7.