



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

No: 2976

Date: 02/12/2025

**B. Tech**  
**Academic Year: 2025-26 (Even Semester)**  
**Tentative Faculty for the Elective Courses**

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

| Semester                    | Subject Code & Name                                | Core Elective/<br>Institute Elective | Tentative Faculty                  |
|-----------------------------|----------------------------------------------------|--------------------------------------|------------------------------------|
| 4 <sup>th</sup><br>Semester | ME252: Control Systems                             | Core Elective-II                     | Dr. Sumit Khare                    |
|                             | ME254: Mathematical Elements for Computer Graphics | Core Elective-II                     | Dr. D. P. Vakharia                 |
|                             | ME256: Experimental Fluid Mechanics                | Core Elective-II                     | Dr. Nikhil A. Baraiya              |
|                             | ME258: Total Quality Management                    | Core Elective-II                     | Dr. Pallvita Yadav                 |
|                             | ME260: Advanced Engineering Materials              | Core Elective-II                     | Dr. Biranchi N. Sahoo              |
|                             | ME262: Risk, Reliability & Life Testing            | Core Elective-II                     | Dr. Susanta Behera                 |
|                             | ME264: Corrosion Engineering                       | Core Elective-II                     | Dr. Jyoti Menghani                 |
| 6 <sup>th</sup><br>Semester | ME352: Finite Element Methods                      | Core Elective-III                    | Dr. Achhe Lal                      |
|                             | ME354: Tribology in Machine Design                 | Core Elective-III                    | Dr. B. M. Sutaria                  |
|                             | ME360: Elements of Gas Turbine                     | Core Elective-III                    | Dr. Vikram Rathod                  |
|                             | ME362: Unconventional Machining Processes          | Core Elective-III                    | Dr. Pallvita Yadav                 |
|                             | ME364: Tooling for Manufacturing                   | Core Elective-III                    | Dr. K. P. Desai<br>Dr. H. K. Raval |
|                             | ME366: Logistics & Supply Chain                    | Core Elective-III                    | Dr. Sunil Kumar                    |
|                             | ME370: Robotics                                    | Inst. Elective-II                    | Dr. Rohit Tamrakar                 |
|                             | ME372: Mechanics of Composite Materials            | Inst. Elective-II                    | Dr. A. A. Shaikh                   |
|                             | ME374: Fatigue, Fracture and Failure Analysis      | Inst. Elective-II                    | Dr. Susanta Behera                 |
|                             | ME376: Automobile Engineering                      | Inst. Elective-II                    | Dr. Purnanand V. Bhale             |
|                             | ME380: Jet Propulsion                              | Inst. Elective-II                    | Dr. Prabhansu                      |
|                             | ME382: Machine Learning for Mechanical Engineer    | Inst. Elective-II                    | Dr. Krishna K. Mugada              |
|                             | ME384: Welding Technology                          | Inst. Elective-II                    | Dr. Vivek D. Kalyankar             |
|                             | ME386: Data Analytics in Smart Manufacturing       | Inst. Elective-II                    | Dr. Raju Prasad Mahto              |
|                             | ME388: Design for Additive Manufacturing           | Inst. Elective-II                    | Dr. Harshit K. Dave                |

Time-Table Committee

02 Dec 2025

Head, DoME

विभागाध्यक्ष / HEAD  
यांत्रिकी अभियांत्रिकी विभाग  
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स.व.रा.प्रौ.सं., सूत-७ / S.V.N.I.T., Surat-7.