



Name of Faculty: Jitesh J. Shewale

Designation: Assistant Professor

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Address for Correspondence:

General Engineering Department,
TERNA ENGINEERING COLLEGE ,
Plot. No. 12, Sector 22, Opposite Railway Station,
Nerul (W), Navi Mumbai 400706

Professional Qualification:

- **Master of Engineering, 2015**
Datta Meghe College of Engineering, Mumbai University, Maharashtra
- **Bachelor of Engineering, 2008**
Datta Meghe College of Engineering, Mumbai University, Maharashtra

Short Biodata:

Major Subjects:

- Engineering Mechanics, Engineering Graphics, Strength of Material, CAD/CAM, FEA

List of Publication:

Journal Publications:

1. Carbon and natural fiber reinforced polymer hybrid composite: Processes, applications, and challenges, Journal of Mechanical Engineering and Sciences (JMES)- VOL. 16, ISSUE 2 (2022), 8873 – 8891, DOI: <https://doi.org/10.15282/jmes.16.2.2022.06.0702>
2. Fabrication and Analysis of Three Dimensional Polymer Microneedle Array Potentially for Transdermal Drug Delivery, SSRG International Journal of Mechanical Engineering (SSRG-IJME) – volume 2 Issue 2 February 2015

Conferences and Workshops Publications:

1. 3D Polymer Microneedle Array: Fabrication and Analysis, An International Conference on Nascent Technologies in Mechanical Engineering (ICNTE-2015) – IEEE -Held at Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, Maharashtra, India on January 9th & 10th, 2015.

Software Tools:

1. PRO-E, 2. Ansys, 3. Siemens NX, 4. PLM, 5. AUTOCAD, 6. MATLAB

Professional Association:

- Indian Institution of Industrial Engineering (IIIE)- Life Member

Experience:

- Assistant Professor in K.G.C.E., Karjat, Since, Feb. 2010 till June 2019.
- Assistant Professor in T.E.C., Nerul, Navi Mumbai Since, July 2019 till date.

Responsibilities Handled:

- Terna Photography Forum coordinator, ERP coordinator, Sports Faculty member,

Declaration

I hereby declare that the foregoing information are correct and complete to the best of my knowledge.

Faculty Name: Jitesh Shewale

Place: Nerul, Navi Mumbai