

Abhijit Chate (ME Machine Design)

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Address for Correspondence:

Nerul East , Navi Mumbai



Professional Qualification:

- **Master of Mechanical Engineering(Machine Design), 2015**
University of Mumbai, Maharashtra
- **Bachelor of Mechanical Engineering, 2012**
University of Mumbai, Maharashtra

Short Biodata:

- **Assistant Professor in Terna Engineering College, Navi Mumbai**
- **Total : 7+ years of experience**
- **Certified Diploma in CAD from Computer Education Division Electronics Corporation of India Limited (ECIT)**

Reviewer:

- Reviewed papers of the 4th Biennial International Conference on Nascent Technologies in Engineering organised by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai,(India) in its premises in association with IEEE & IAS on January 15-16, 2021.

Major Subjects:

- Kinematics of Machinery
- CAD Modelling
- Machine Design
- Mechanical Vibration
- Production Process
- MSMC
- Entrepreneurship Development and Management
- Machine Shop Practice

List of Publication:

1. Abhijit chate, Dr. Nilaj Deshmukh “Stress Measurement of a Helical Coil Spring under static load using strain rosette”, 2nd ICDAMS 2016 Chennai.

Conferences and Workshops Publications:

1. Attended International Conference on Nascent Technologies in Engineering, FCRIT, Vashi (2015)
2. Attended International conference on Design, Analysis, Manufacturing and Simulation , ICDAMS, 2016
And presented paper on “Stress Measurement of a Helical Coil Spring under static load using strain rosette”

Workshop, Training and Faculty Development Program:

1. National level workshop on Accreditation and outcome based education, 2016
2. Successfully completed FDP by IIT Bombay FDP 101X and FDP 201X (2018)
3. Training of 12 days in Bangalore Aircraft Industries Ltd., Bangalore (2018)
4. Workshop on IPR on 4th August 2018 at Terna Engineering college, Navi Mumbai.
5. FDP on “Financial Literacy” from Terna Engineering College, Navi Mumbai on 11th December 2019.
6. One Week Online Faculty Development Program on “Innovation, Entrepreneurship and its Relevance in Industry 4.0 Practices in the Post Covid-19 Situation” conducted during May 25 – 29, 2020 & was organized by Terna Engineering College Navi Mumbai.
7. FDP arranged by D J sangvi college, Mumbai on “A Journey into the Manufacturing Sector in India in view of Industry 4.0 practices and COVID-19” from 9th to 13th June, 2020.
8. “One Week National Level Online Faculty Development Program on “Recent Trends in Mechatronics and Automation” from 30th June to 04th July, 2020 Jointly Organized by the Department of Mechanical Engineering and Electronics & Telecommunication Engineering, NBN Sinhgad School of Engineering, Ambegaon (Bk) Pune-41.
9. One week Faculty Development Program on ‘Research in Energy Technologies’ from 6th July, 2020 to 11th July, 2020 organized by Department of Mechanical Engineering, Bharti Vidhyapeeth Mumbai COE, Pune.
10. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "3D Printing Technology" from 12/07/2016 to 16/7/2021 at Govt. Engineering College Jhalawar, (Rajasthan)

Research and Scholarly Contributions:

- **M. E. Research:** Research on “Stress Measurement of a Helical Coil Spring under static load using strain rosette”

Software Tools:

1. AutoCAD
2. PTC Creo
3. Autodesk Inventor
4. CATIA
5. ANSYS
6. Python Language

7. LabView

Professional Association:

- SAEINDIA Member
- International Association of Engineers (IAENG) Member

Experience:

- Total 7+ years of experience

Responsibilities Handled:

- Faculty Advisor for SAEINDIA club and SUPRA event
- Result Analysis Coordinator
- Faculty coordinator for Start Up Activities
- Student Competitions and Participation Team member
- Member of Innovation Cell
- Engineering Product Innovation Cell (EPIC) coordinator
- Project Guide
- University responsibilities like paper setting, paper checking and syllabus setting for MSBTE
- Class Advisor
- Student Mentorship
- Equinox International Conference Publicity Team Member.

SESSION CHAIR/JUDGE:

1. Judging Project competition event at Avalon 2018, Avalon 2019

Declaration

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

Abhijit Chate

Place: Navi Mumbai