

Dr. Sumit Khare

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ACADEMIC CREDENTIALS

Ph.D. (Mechanical Engineering) from Maulana Azad National Institute of Technology Bhopal in 2019.

M. Tech. (Stress & Vibration Analysis) from Maulana Azad National Institute of Technology Bhopal in 2011. Secured GGPA 8.01.

B.E. (Mechanical Engineering) from Rajiv Gandhi Proudyogiki Vishwavidyalaya in 2009. Secured 73.53%.

CAREER CONTOUR

- Assistant Professor, Sardar Vallabhbhai National Institute of Technology, from September 2019 to till date
- Assistant Professor, Bansal Institute of Research & Technology Bhopal, from July 2012 to July 2013
- Research Scholar, Maulana Azad National Institute of Technology Bhopal, from August 2013 to April 2018

IT SKILLS

☞ AUTOCAD, MATLAB and ANSYS

PROJECT WORK

Ph. D. Thesis Title Vibration Analysis of Moderately Thick Laminated Circular and Annular Plates

M. Tech. Thesis Title Response of Thermal Effect on Symmetrical and Unsymmetrical Composite Laminate

MEMBERSHIP OF PROFESSIONAL BODIES

- ☞ Associate Member (AM-158267-7), The Institution of Engineers (India)
- ☞ Life Member (LM105020), Indian Society For Technical Education
- ☞ Associate Member (7130510967), SAEINDIA

PUBLICATION

- Khare, Sumit, and N. D. Mittal. "Axisymmetric bending and free vibration of symmetrically laminated circular and annular plates having elastic edge." *Ain Shams Engineering Journal* 10, no. 2 (2019): 343-352. ISSN: 2090-4479.
- Khare, Sumit, and Narain Das Mittal. "Free vibration of thick laminated circular and annular plates using three-dimensional finite element analysis." *Alexandria engineering journal* 57, no. 3 (2018): 1217-1228. ISSN: 1110-0168.
- Khare, S., and N. D. Mittal. "Free vibration analysis of thin circular and annular plate with general boundary conditions." *Engineering Solid Mechanics* 3, no. 4 (2015): 245-252. ISSN: 2291-8752.

- Khare, Sumit, and N. D. Mittal. "Three-dimensional free vibration analysis of thick laminated circular plates." *International Journal of Engineering, Science and Technology* 8, no. 2 (2016): 11-29. ISSN: 2141-2839.
- Khare, Sumit, and N. D. Mittal. "Prediction of natural frequencies of thick Circular plates using finite element analysis." *International Journal of Mechanical and Production Engineering Research and Development* 7, no. 4 (2017): 99-108. ISSN: 2249-8001.
- Khare, Sumit, and N. D. Mittal. "Three-dimensional free vibration analysis of thick laminated circular plates with simply supported boundary conditions, *Materials Today: Proceedings* 4 (2017) 10054–10061. ISSN: 2214-78531.

SUBJECT TAUGHT

Mechanics of Materials, Theory of vibration, Mechanics of Composite Laminates, Theory of Plates and Shell

TRAINING/WORKSHOP ATTENDED

- ✓ All India workshop on "Vibration fault diagnosis and its mitigation in large rotating Machinery held on April 16-17, 2015 organized by the Institution of Engineers (India), MPSC, Bhopal.
- ✓ Short term course on "Computational Techniques for scientific & Engineering Problems" during 18th-22 May 2015, organized by Department of Mechanical Engineering, Maulana Azad National Institute of Technology, Bhopal.
- ✓ Short term course on "Innovation in Science & Technology" during 26th -30th June 2015, organized by Department of Mechanical Engineering, Maulana Azad National Institute of Technology, Bhopal.
- ✓ Short term course on "IPR Issues: Patent Drafting and Processing of Patent Application" during 14th -18th June 2015, organized by IPR Cell, MANIT-Rolta Incubation Centre, Maulana Azad National Institute of Technology, Bhopal.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge & belief.

Place: Surat, India

Dr. Sumit Khare