

## Profile



### Contact Information:

Dr. Niteen L. Bhirud

E-Mail: -niteenbhirud@gmail.com

Mob: 9923391305

### Summary:

Dedicated and accomplished teacher with a proven track record in the field of engineering education, combining expertise in teaching, research, and administrative leadership. Committed to fostering a dynamic learning environment, enhancing student engagement, and contributing to the continuous improvement of educational programs. As an adept administrator, I bring a strategic vision to drive innovation and excellence in engineering education.

### Education:

- Ph.D. in Mechanical Engineering, RSTM Nagpur University, Nagpur, 2021
- M. Tech in Mechanical Engineering: Thermal and Fluids, Dr. BATU, Lonere, 2007
- B.E. Mechanical Engineering, SPPU, 2000

### Professional Experience:

Having twenty-two years of experience in teaching and educational administration.

- Professor and Program Lead for Mechanical, 0.5 Year, School of Engineering, Ajeenkya DY Patil University.
- Associate Professor, 13.5 Years, Sandip Foundation Group, Nashik, University of Pune.
- Assistant Professor, 1.5 Years, Rajarshi Shahu College of Engineering, Pune.
- Lecturer and Assistant Professor, 07 Years, Amrutvahini CoE, Sangamner, University of Pune.
- Facilitated engaging and effective courses in Mechanical Engineering, incorporating cutting-edge technologies and real-world applications.
- Supervised numerous postgraduate and undergraduate research projects, contributing to the advancement of knowledge in Heat transfer, Refrigeration, Solar energy.
- Actively participated in curriculum development and assessment activities, ensuring alignment with industry trends and academic standards.

### Administrative Roles

Has got excellent administrative skills and shouldered many administrative responsibilities for a period of around 10 years as Head of the Department, Dean-Academics and Dean-administration.

### Research Contributions:

- Published 40 research articles in reputable journals and conferences, showcasing expertise in Mechanical Engineering domain.
- Patent Granted: Patent No: 358590, Date 15/02/2021. Design and development of a machine to prepare and resize the sugarcane for sowing
- Patent Granted: Patent No: 432250, Date 19/05/2023 Traveling of drum by trolley with auto lock system based on conversion of gravitational energy into kinetic energy.
- Secured around 10 Lacs as grants for organization of various programs and workshops.
- Received Rs 30000 as research grant to support ongoing projects and promote interdisciplinary research collaborations.

### Professional Memberships:

- Fellow Member of "Institution of Engineering (FIE)": F-1226718).
- Life Member of "Indian Society for Technical Education" LM -35498.
- Member of "International Association of Engineers (IAENG)" Member Number: 269716.
- Professional Member of Institute of Engineering Research and Publication (IFERP).

- Member of ISHRAE Member Number: PN/NSK/AM/0113.
- Member of International Association of Academic Plus Corporate Society (IAAC).

**Skills:**

**Teaching and Mentoring:**

Designing and delivering effective lectures  
Mentoring students in research projects  
Creating inclusive and engaging learning environments

**Research:**

Experimental design and data analysis  
Publishing in peer-reviewed journals  
Securing research funding

**Administration:**

Strategic planning and implementation  
Team leadership and development

**Communication:**

Effective communication with students, faculty, and stakeholders  
Public speaking and presentations  
Writing grant proposals and reports

**Honors and Awards:**

- Ranked Third in SSPU in B. E. Mechanical Examination conducted in April May 2000.
- GATE Score in year 2002: 91.19 percentile, in year 2004: 85.20 percentile.
- Throughout distinction in engineering career.

**Professional Development:**

- Attended numerous professional development programs and also organised many such programs like,
- Organized Two days' international conference on International Conference on Emerging Trends in Engineering and Technology (ICETET-2020) in June 2020.
- Organized and participated in one week FDP on "Basics of Scilab Programming" at Sandip University Nashik during 19- 23 November 2019.
- Organized three days' workshop on "Solar PV plant installation: Theory and Practices" at SIEM, Nashik on 15-17 May 2016.
- Organized (Team member) one-day international conference on International Conference on "Science & Technology for Sustainable Development" on May 26, 2016.
- Organized two days National Conference on "Machine design" at AVCOE, Sangamner in 2003.
- Organized and Attended Two Days National level workshop by IIM on "Failure analysis: root cause and remedies" at SIEM Nashik on 12 and 13 June 2013.
- Organized and attended one-day National level workshop by IIM on "Product development: Material and design perspective" at SIEM Nashik on 15 Sept, 2014.

**Languages:**

Proficient in English, Marathi and Hindi

**References:**

Available upon request.

Date:

Place:

**Dr Niteen L Bhirud**