

Curriculum Vitae

Mr. SwapnilShashikantMali

Teaching Experience: 15 Years

Lecturer Mechanical Engineering

Dean Industry Institute Interaction

Sharad Institute of Technology Polytechnic, Yadrav (Ichalkaranji)

Research Area: Solar Thermal Energy Conversion, Refrigeration & Air conditioning

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Mobile: 9763270982

DateofBirth:30/06/1987

Address: Near Bethesda School, Agrawal Deluxe Apartment 2, Miraj-416410

Tal: Miraj Dist: Sangli (Maharashtra)

Academic Details

Sr. No	Degree	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Mechanical Engineering	S.P.P.U. Pune	Pursuing	-
2	M.Tech	Energy Technology	S.U. Kolhapur	F.C. D	2016
3	B.E.	Mechanical Engineering	S.U. Kolhapur	F.C. D	2008

Work Experience

Teaching Experience: 15 Years

Lecturer Sharad Institute of Technology Polytechnic, Yadrav (Ichalkaranji)
[08.07.2010 to Till Now]

Head of Department- Sharad Institute of Technology Polytechnic, Yadrav (Ichalkaranji)
[01.04.2017 to 30.06.2020]

Lecturer P.V.P.I.T, Polytechnic Budhgaon [01.01.2009 to 30.04.2010]

Achievements

1. Secured Best position in oral presentation in the national conference on “Emerging Technologies for Sustainable Development” held at Shivaji University Kolhapur on (27- 28 December 2012)
2. Best Teacher Award for the Academic Year 2013-14.
3. Worked as project coordinator for the project sanctioned under the scheme Modernization and Removal of Obsolescence (MODROB)

Administrative Responsibilities

1. Institute N.B.A. Coordinator (01.01.2018 – till now)
2. Institute Autonomous Coordinator (01.01.2019- 30.06.2023)
3. Head Facilitation Centre.
4. Head of Mechanical Department (01.04.2017 – 30.06.2020)
5. Dean Industry Institute Interaction Cell (13.04.2016 – Till Now)
6. Dean Student Affairs (01.01.2015 – 12.04.2016)
7. Dean Administration (01.01.2014- 30.12.2014).

Other Responsibilities

1. Worked as an MSBTE “K scheme curriculum development expert for the course Thermal Engineering & Power Engineering”.
2. Worked as an expert for MSBTE Bilingual Course material Development for the courses Power Engineering, Thermal Engineering & Theory of Machines.
3. Paper setter for MSBTE Theory Examination
4. Officer in Charge of M S B T E examination.
5. Officer in Charge Distribution Centre
6. Controller for MSBTE Theory Examination
7. Member of MSBTE External Academic Monitoring Committee.
8. Member of MSBTE External Vigilance Squad.
9. Examiner/Moderator for assessment of MSBTE answer books

International/National Paper Publications

1. Mr. Swapnil S. Mali “Design & Development of Automatic Potato Conditioner” Journal of Mechanical and Mechanics Engineering (e-ISSN: 2581- 3722) Volume 6 Issue 2 Year 2020
2. Mr. S. Mali, Prof. M.M. Wagh “Design and Construction of Lithium Bromide - Water Based Single Effect Solar Vapor Absorption Air Conditioning System” International Journal of Engineering Sciences & Research Technology ISSN: 2277-9655 Vol. No.4, Issue No.12, July, 2015
3. Mr. S. S Mali, Prof. M.M. Wagh, Prof. N.N. Shinde “Review of design of single effect solar powered vapor absorption air conditioning System” International Journal of Advance Research in Science and Engineering IJARSE, Vol. No.2, Issue No.7, July, 2013 ISSN- 2319-8354 (E)

International/National Conference

1. Presented paper entitled “Design & Development of the product of heating & cooling by Peltier effect “In (NCRET- ISBN 978-93-860074-55-3) organized by Sharad Institute of Technology, College of Engineering Kolhapur, Maharashtra on (24/03/2018).
2. Presented paper titled “Thermal Analysis of Ca-FeSi Inoculated Ductile Iron” during the second International Conference on Recent Challenges in Engineering and Technology held at Sharad Institute of Technology, College of Engineering Kolhapur, Maharashtra on (23-24/2/2017).
3. Presented paper titled “Design of Single Effect Solar Vapor Absorption Air Conditioning System” during National Conference on Recent Practices in Conventional & Nonconventional Energy Resources held at Sanjay Ghodawat Institute Atigre, Maharashtra.

NPTEL Certifications

1. Completed the 8-week course on “Research Methodology” with a consolidated score of 90 % during Aug-Oct 2023.
2. Completed the 8-week course on “Accreditation and Outcome-based learning” with a consolidated score of 90 % during Aug-Oct 2022.

3. Completed the 12-week course on “Non-Conventional Energy Resources” with a consolidated score of 70 % during Aug-Oct 2022.

Workshops/Seminars/STTP/ConferencesAttended

1. Completed ISTE approved one-week faculty development program on “Research Methodology & Project Proposal Writing” organized by department of Mechanical Engineering Sharad Institute of Technology Polytechnic Yadav from 28/07/2024 to 01/08/2025.
2. Completed training program “NEP aligned curriculum and content development phase 8” conducted by NITTR Bhopal from 24/03/2025 to 28/03/2025 at RBTE Pune.
3. Completed ISTE approved one-week faculty development program on “AI tools” organized by department of Mechanical Engineering Sharad Institute of Technology Polytechnic Yadav from 18/12/2024 to 23/12/2024.
4. Completed training program “NEP aligned curriculum and content development phase 5” conducted by NITTTR Bhopal from 22/07/2024 to 26/07/2024 at RBTE Pune.
5. Completed one-week faculty development program on “PLC Programming” organized by department of Mechanical Engineering Sharad Institute of Technology Polytechnic Yadav from 8/06/2024 to 13/06/2024.
6. Completed training program “NEP aligned curriculum and content development phase 2” conducted by NITTR Bhopal from 12/02/2024 to 16/02/2024 at RBTE Pune.
7. Completed one-week faculty development program on “Digital Manufacturing” organized by department of Mechanical Engineering Sharad Institute of Technology Polytechnic Yadav from 28/11/2023 to 02/12/2023.
8. Completed ISTE approved one-week faculty development program on “Teaching Pedagogy” organized by department of Mechanical Engineering Sharad Institute of Technology Polytechnic Yadav from 12/06/2023 to 16/06/2023.
9. Completed one-week faculty development program on “Introduction to Robotics” organized by department of Mechanical Engineering Sharad Institute of Technology Polytechnic Yadav from 02/01/2023 to 06/01/2023.
10. Completed one-week faculty development program on “Advanced Research Methodology” organized by department of Mechanical Engineering of NanaSaheb Mahadik College of

Engineering. Peth from 26/07/2021 to 30/07/2021.

11. Participated in the online faculty orientation program on “Academic Writing and IPR” organized by the Department of Mechanical Engineering and approved by ISTE, New Delhi from 8th June to 12th June 2020. at SIT, Polytechnic, Yadrav.
12. Undergone Three days of Industrial training in M/s. Saj Test Plant Pvt Ltd. Pune from 23/8/2019 to 25/08/2019.
13. Completed 5 days of “Industrial training program on Basic Metrology” held from 8/4/2019 to 12/4/2019 in Advance Measuring System.
14. Undergone five days of Industrial training in M/s. BOSCH- DYP SOEA Joint Certification Center Pune organized by MSBTE from 18/3/2019 to 22/03/2019.
15. Completed MSBTE sponsored training program on “Mechatronics & Robotics” conducted by PVPIT Budhgaon from 03/12/2018 to 07/12/2018.
16. Completed a one-week short-term training program on “Advance Documentation Using MS Office 13” from 06/04/2018 to 11/04/2018.
17. Completed one-week training on Molding & Tool designing on Catia from 23/11/17 to 29/11/17
18. Participated in STTP Program on “Recent trends in Advanced Manufacturing and Quality through Six Sigma, SQC, ISO & Tooling structure” from 06/05/2017 to 11/05/2017 at SIT, Polytechnic, Yadrav.
19. Participated in the One Week Faculty Development Program on “Teaching Pedagogy” arranged by SIT College of Engineering, Yadrav from 07/12/2016 to 13/07/2016.
20. Completed a one-week short-term training program on “LaTeX” organized by department of Mechanical Engineering Sharad Institute of Technology Polytechnic Yadrav from 19/10/2016 to 23/10/2016.
21. Undergone Three days of Industrial training at Suzlon Energy Ltd Pune from 20/9/2016 to 22/9/2016 organized by MSBTE.
22. Attended Two days Short Term Training Programme “Outcome Base Education” organized by department of Mechanical Engineering Sharad Institute of Technology Polytechnic Yadrav from 14/05/2016 to 15/05/2016.
23. Completed the training program on “Fundamentals of Steam Engineering in Process Industries” at Forbes Marshall Steam Engineering Centre, Pune from 10/2/2016 to

12/2/2016.

24. Attended a one-week orientation program on “Advanced Trends in PLC- Automation” sponsored by ISTE from 30/11/2015 to 4/12/2015 at Sharad Institute of Technology, College of Engineering Yadrav.
25. Attended One Week Workshop on “Personality Development” organized by department of Mechanical Engineering Sharad Institute of Technology Polytechnic Yadrav from 15/06/2015 to 19/06/2015.
26. Completed ISTE approved one-week short term training program on “Teaching Pedagogy & Soft skills” organized by department of Mechanical Engineering Sharad Institute of Technology Polytechnic Yadrav from 04/05/2015 to 14/05/2015.
27. Completed MSBTE sponsored training program on “Reviewing Guidelines for Examination Procedures and Gradation System” conducted by the Government Institute of Printing Technology, Mumbai. from 18/3/2015 to 20/3/2015.
28. Attended Three days’ workshop on “Teaching Methodology” (16th – 18th June 2014) at SIT Polytechnic Yadrav.
29. Attended a one-day seminar on “Energy efficiency improvement & energy management In Industries” arranged by Shivaji University Kolhapur, on 6/9/2013.
30. Attended state-level two-day workshop on “Solar Concentrating Collector” organized by Sharad Institute of Technology college of Engineering Yadrav from 22/3/2013 to 23/3/2013.
31. Attended a one-day seminar on “Introduction to Research Methodologies” arranged by Shivaji University Kolhapur, on 2/3/2013
32. Attended International Conference on “Recent trends in Energy Technology” held at Sanjay Ghodawat Institute of Technology Atigre during 8/2/2013 to 9/2/2013.
33. Attended a two-day workshop on “Emerging Technologies for Sustainable Development” arranged by Shivaji University Kolhapur, from 27/12/2012 to 28/12/2012.
34. Undergone MSBTE sponsored Three days Industrial Training at “M/s Thermax Ltd Pune” from 21/05/2012 to 23/5/2012.
35. Undergone MSBTE sponsored Three days of Industrial Training in “Fiat India Automobiles Ltd Pune” from 22/02/2012 to 24/2/2012.

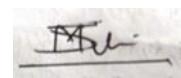
Professional Memberships

Life member of the Indian Society for Technical Education (ISTE). LM -94947

Subject Taught

- Basic Mechanical Engineering.
- Power Engineering
- Thermal Engineering
- Strength of Materials
- Elements of Machine Design
- Mechanical Measurement & Control.
- Theory of Machines.
- Heat Power Engineering.
- Automobile Component Design.
- Energy Technology.

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



Mr. Swapnil Shashikant Mali

