

BIO-DATA

Name: Mr. Sandep P Nevgi

Designation: Assistant Professor

Educational Qualifications:

M.Tech. Mechanical from Walchand College of Engineering, Sangli. (Pursuing Ph.D.)

TEACHING:

Assistant Professor in Department of Mechanical Engineering, Walchand College of Engineering Sangli,

MEMBER OF PROFESSIONAL BODIES: Lifetime member of ISTE

SUBJECTS TAUGHT:

- **Under Graduate Students:** Total Quality Management, Industrial Engineering, Mechatronics, Metrology and Quality Control, CAD, Manufacturing Processes.
- **Post Graduate Students:** Industrial Automation and Manufacturing

RESEARCH PROFILE:

- **Research Interests:** machining, electric discharge machining and quality assurance.

RESEARCH PUBLICATIONS:

Number of Publications (International/ National Peer Reviewed Journal):

| Sr. No. | Author/s | Title | Name of Journal (with volume, pp. and year) |
|-------------------------------|--------------------------------|--|--|
| International Journals | | | |
| 01 | S P Nevgi | Some trends in Friction Stir Welding | International Journal for scientific research and development, ISSN (Online): 2321 0613, Vol. 11, Issue 5, July 2023 |
| 02 | Farhan Mutawalli and S P Nevgi | Review of Rotating Machinery fault diagnosis with Vibration Analysis | Advancement in Mechanical Engineering and Technology, 6(2), 38– 46. https://doi.org/10.5281/zenodo.80950 |
| 03 | S P Nevgi, R A Patil | Effect of High Pressure Coolant On Surface Finish In Turning Operation | International Journal of Innovative Research in Science, Engineering, issn PRINT (2347-6710), Vol. 2 |

Paper Presentations by faculty in International/ National Conferences:

| S. No. | Title of Paper | Name of conference |
|--------|--|--|
| 01 | Some Study on Die sinking EDM of Inconel-718 | International Conference on Advances in Mechanical Engineering, SVNIT, Surat |
| 02 | A review on Wire EDM process | National Conference on Recent Advancements in Manufacturing, SVNIT, Surat |

Patents: Two Design Patents

Number of PG students guided (completed):

| Sr. No. | Name of Student | Dissertation Title | Year |
|---------|------------------|---|---------|
| 01 | Farhan Mutawalli | Design and Development of Machinery Fault simulator | 2022-23 |

Committee Member: FY BTech, FY MTech DSY BTech Admission committee 2022-23- 2023-24

Industrial Visits: Sangli Aluminum, BASHKO, Bharat Rerolling, Mahabal Metals

TRAINING PROGRAMS PARTICIPATED:

- NAAC sponsored National Level Seminar on “Design and Development of Curriculum to Enhance the Quality of Outcome Based Education”, organized by TKIET, Warnanagar in association with Shivaji University Kolhapur on 07th - 08th Dec 2018.
- Two Days Workshop on “Formulation and Assessment of PEOs, PO and Cos for NBA Accreditation Process”, Organized by SGI Atigre, under Lead college Activity SUK on 23rd and 24th March 2017.
- One week STTP on “Micromachining for the future technologies”, organized by the Department of Mechanical Engineering, SITCOE, Yadrav from 11th Jan. to 15th Jan. 2020.
- 3-Day Faculty Development Program (FDP) held from 19th to 21st December 2024 at Center of Excellence in Digital Manufacturing and Robotic Automation, Baramati