



Name: Mr. Vinayak Chandrakant Gavali

Email: vinayakgavali@dkteycp.ac.in

Mobile No.-9767681186

Contact Details

- **Lecturer in Mechanical Engineering**

DKTE's YashwantraoChavan Polytechnic, R.S. No.644,Sangli Road, Near Adinath Housing Society, Ichalkaranji-416115

Qualification

- M. E Mechanical-Production Engineering

Area of Expertise

- ❖ Mechanical-Production Engineering
- ❖ Additive Manufacturing

Workshop / Training

- Attended One Week Industrial training Program on “Micro Stations” from 20/02/2024 to 24/02/2024 which is organized by Tata Consulting Engineering Ltd and MSBTE.
- Participated VLCI Training in Government Polytechnic Pune.
- Attended one week FDP program on “Mechatronics and Industrial Automation” at SIT Polytechnic, Yadrav.
- Participated In one week online Faculty Development Program on “Applications of Artificial Intelligence and Machine learning in Mechanical Engineering” at KIT’s College of Engineering, Kolhapur.
- Attended 2 days online FDP Program on “Innovative Tools in Online Teaching and Learning Process” at SVSVM, s KKI Polytechnic, Akkalkot.
- Participated in one week STTP on “Recent Trends in Mechanical Engineering” at Sanjay Bhokare Group of Institute, Miraj
- Attended Online Three days STTP Program On “Mechatronics” at Sanjay Bhokare Group of Institute, Miraj

Achievements

- Got Silver Medal in Swayam NPTL course
- Paper Presented in 2nd International Conference on Materials and Environmental Science (ICMES-2018) at shivaji university, Kolhapur
- Paper Presented in 2nd International Conference on Materials, Manufacturing and Modelling (ICMMM-2019) at VIT, Vellore. T.N. India.

Paper Publish

- ❖ “Mechanical and thermo-mechanical properties of carbon fibre Reinforced thermoplastic composite fabricated using fused Deposition modelling (FDM) method: a review” paper published in “International Journal Of Mechanical and Production Engineering Research and Development (IJMPERD) (Scopus) (Citation- 57)
- ❖ “Property Enhancement of Carbon Fiber Reinforced Polymer Composites Prepared by Fused Deposition Modeling” paper published in “Materials Today: Proceedings 23, 221-229 (Elsevier) Science Direct” (Citation- 18)
- ❖ “Mechanical and Thermo-mechanical Properties of Carbon fiber Reinforced Thermoplastic Composite Fabricated Using Fused Deposition Modeling Method” Paper Published in “Materials Today: Proceedings 22 (Part 4.), 1786-1795 (Elsevier) Science Direct”
- ❖ “Property Enhancement of Carbon Fiber Reinforced Polylactic Acid Composites Prepared by Fused Deposition Modeling” Book chapter published in “Handbook of Research on Recent Developments in Electrical and Mechanical Engineering, 455-478 IGI Global” (H Index) (Citation 01)
- ❖ “Vapour Compression Refrigeration Cycle Consisting of Hermetically Sealed Compressor” Paper Published in “Journal of Thermal Energy System” Volume-6, Issue-3 (September-December, 2021)

Work Experience

- 6 Years