Jayasheel I Harti

ASSISTANT PROFESSOR

DEPARTMENT OF ME

PROFILE

- Dedicated & Committed Faculty in Department of ME, with 12 years of experience in teaching UG & PG Students.
- Trained in CNC Programming from HMT ltd,Kerala.
- Subjects Handled: CAMD, Additive Manufacturing, Management and Economics, CIM, TQM, Foundry Technology, Fluid Power Engineering, Mechatronics and Microprocessor etc.
- Skills: Organiser & a good communicator/Speaker

CONTACT & LINKS

Email ID:
jaysharti@gmail.com

EDUCATIONAL QUALIFICATIONS

B.E(I & P)-B.V.B College of Engineering & Technology,Hubli-1998
M.Sc (Engg and Research)- SSIT, Tumkur-2017
Ph.D pursuing-Advanced Materials-SSIT-Tumkur

PROFESSIONAL EXPERIENCE

Teaching Experience: 12 years
Industry Experience:11 years
Total: 23 years

INSTITUTION/DEPARTMENT RESPONSIBILITIES

- CAD In-charge
- Class Teacher
- Part of Departmental NBA Accreditation Team/Mentor
- Involved in admission process
- Industrial visit In-charge
- Coordinator for M-Tech Programs

RESEARCHAREA/SPECIALISATION/ RESEARCH GRANTS/ PROJECTS IF ANY

Specialization: Strong knowledge In manufacturing and Design of Aerospace Components, Automotive Components and Locomotive Components. Proficient in using **CatiaV4,Catia V5 with Enovia(VPM-DMA2.2,DMA 2.3), and Unigraphics PLM package TeamCentre**

Research Interest: Advanced Material Science

ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION/GUEST LECTURES DELIVERED

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- Reviewer for Nigerian Journal of Technological Research-2018
- **Reviewer for Journal of Testing and Evaluation**
- Reviewer for Emergent Materials
- **Reviewer for Mechanics of Advanced Composite Structures**
- **Promising Research award from Green ThinkerZ.**

PUBLICATIONS/PATENTS/BOOKS

Published a paper on "Microstructure,Mechanical Behavior and Tensile Fractography of 90 microns sized Titanium Carbide Particles Reinforced Al2219 Alloy Die Cast Metal Composites" Journal of Failure Analysis and Prevention,J Fail. Anal. And Preven. (2021) 21:631–639

Filled Patent 07-02-2020 APPLICATION NO-202021004729A "NOVEL DESIGN OF PNEUMATIC PICK AND PLACE ROBOTIC AEM FOR MANUFACTUREING APPLICATION

FILLED PATEN IN 27-02-2020 WITH APPLICATION NO-202041008294A " A NOVEL DESIGN OF HYDRAULIC JACK USING ANDROID BY BLUETOOTH CONNECTION"

ASSOCIATION WITH PROFESSIONAL BODIES

PROFESSIONAL COURSES COMPLETED