




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

Accredited NBA, NAAC with A+, New Delhi

DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Name	Mr. SANTOSH D NADUVINAKERI	
Designation	Assistant Professor	
Educational Qualification	B E, M.Tech	
Experience in Years	9.5	
Area of Interest	Design, Material Science	
Email ID	santosh-me@dsatm.edu.in	

Educational Details

- Ph.D – Pursuing at VTU RRC
- M.Tech- In Design Engineering from JNNCE Shivamogga
- B.E- From STJIT Ranebennur

Personal Details

- Hobbies: Playing cricket, Writing short stories, Pencil sketching
- Languages Known : Kannada, Hindi, English

Professional Experience

- Working as Assistant Professor in Dayanand Sagar Academy of Technology and Management at Bangalore from 25/07/2012 to till date

Publications

International Journals:

- Study on water absorption behavior and impact properties of alumina filled jute-epoxy composites International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE)
- International Conference on Design, Materials & Manufacture (IcDeM 2018) January 29-31, 2018 @ NITK “Evaluation of Elastic properties and study on water absorption behavior of Alumina filled jute epoxy composites” Volume 1943: Advances in Mechanical Design, Materials and Manufacture Proceedings of the First International Conference on Design, Materials and Manufacture (ICDEM 2018). Number of Volumes: 1 ISBN: 9780735416383 <https://aip.scitation.org/doi/pdf/10.1063/1.5029696>
- “Prediction of tool force using DOE and design of turning tool-IISBN 978-93-846698-67-6” International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) ISSN 2394-3777 (Print), ISSN 2394-3785 (Online)
- “Investigation on Impact strength and water absorption behaviour of alumina filled Jute-Epoxy composite”. International Journal of Latest Technology In Engineering, Management and applied science-ISSN-2278-2540. Year 2018-19
- “Experimental investigation on load shared by rivets in different joint orientation” International Journal of Latest Technology In Engineering, Management and applied

science-ISSN-2278-2540. Year 2018-19

- “Development of alumina filled bamboo fiber epoxy composite and investigation on mechanical properties”. IEEE digital explorer-2018-19
- “Hybrid air conditioning system using solar heater”. Journal of thermal energy system-2020-21

Conferences:

- International Conference on Design, Materials & Manufacture (IcDeM 2018) January 29-31, 2018 Department Of Mechanical Engineering National Institute Of Technology Karnataka, Surathkal Mangalore Dk-575025, Karnataka State, India
- ICETIME-17 (26-27TH MAY Bengaluru) International Conference on Emerging Technological Innovations in Mechanical Engineering
- International conference on emerging trends in science and technology for engineering systems Evaluation of elastic properties of alumina filled jute epoxy composite National conference on emerging technology at GMIT Mandya
- National Conference on Green Computing Technologies -2015 at DSATM Bengaluru
- National Conference on NCCSTM – 2017 at DSATM Bengaluru.
- First international conference on advanced technologies in intelligent control, environment, computing and communication engineering 2018-19

Academic Activity

- Alumni Co-ordinator
- IEEE Co-ordinator
- In charge for Design laboratory.
- NBA criteria-4 co-ordinator
- NAAC criteria-4 co-ordinator

Faculty Development Activity

- Faculty development workshop on AUTODESK INVENTOR AND AUTODESK FUSION 360⁰ SOFTWARE held at Dayananda sagar college of engineering Bengaluru January 2015
- Faculty development workshop on AUTODESK AUTOCAD SOFTWARE held at Dayananda sagar college of engineering Bengaluru 2015
- National seminar on WORLD CLASS MANUFACTURING PRACTICES held at JSS Academy of Technical Education Bengaluru.
- Three day NBA workshop. Held at DSATM Bengaluru. Dec-2017
- Four day FDP on Computer Aided design, Modelling & Analysis of mechanical system. mechanical engg dept, DSATM, Bengaluru. Jan-2018
- Three day workshop on OBE Practices. DSATM Bengaluru. Jun-2018
- Three day workshop on teaching learning Methodology. DSATM, Bengaluru. Jul-2018
- Five day FDP on Hydraulics, Pneumatics, Programmable Logic controller and Industry 4.0, held at dayananda sagar university, Bengaluru. Sep-2018
- Five day FDP on Research opportunities on materials and manufacturing , held at mechanical engg dept, DSATM, Bengaluru. Jan-2019
- Two day FDP on Intellectual Property rights. held at mechanical engg dept, DSATM, Bengaluru. Feb-2019
- FDP on Augmented and virtual reality interfaces for 3D printing and Design held at mechanical engg dept, DSATM, Bengaluru. Feb-2019
- Five day FDP on recent Innovation in manufacturing and welding technology, held at mechanical engg dept, DSATM, Bengaluru. Jul-2019
- Participated in online quiz on “*Machine Design*” on June-2020 which was organized by school of Mechanical Engineering, Reva University, Bengaluru

- Participated in online FDP on “Emerging Engineering materials” on 1/06/2020 to 05/06/2020 which was organized by school of Mechanical Engineering, BITM, Bellari.
- Participated in online FDP on “Applications of finite element analysis (FEA) & Computational Dynamics (CFD) using ANSYS” on 13/06/2020 to 17/06/2020 which was organized by Govt college of Engineering, Karad.
- Participated in online webinar on “Thermodynamic design, modeling, simulation, analysis & optimisation software” on 10/06/2020 which was organized by Indiasoft Technologies (P) Ltd
- Participated in online quiz on “Design of machine elements” on 16/06/2020 t which was organized by PES institute of Technology & mgmt.
- Participated in online quiz on “Basic Mechanical Engineering” on 16/06/2020 t which was organized by Bharat institute of Technology & mgmt.
- Participated in online quiz on “Faculty Awareness on NBA” on 16/06/2020 t which was organized by Mallareddy college engineering & Technology.
- Participated in online quiz on “CAED” on 13/06/2020 which was organized by school of Mechanical Engineering, Reva University, Bengaluru.

Contact Details

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