



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT
22 Mile, B.M Kaval, Udayapura, Kanakapura Road, Bangalore-560082.
(Accredited 3 years by NBA, New Delhi)
DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Name	Khalid S S	
Designation	Assistant Professor	
Educational Qualification	M.Tech	
Experience in Years	9Years	
Area of Interest	Composites, Vibrations & KOM	
Email ID	Shakhalid-me@dsatm.edu.in	

Educational Details

- MTech: Design Engineering from JNNCE, Shivamogga. Year: Nov-2010(VTU)
- B.E: Mechanical Engineering from JNNCE, Shivamogga. Year :Sep-2008(VTU)

Personal Details

- Date of Birth: 05/April/1986
- Hobbies: Playing Chess, Cricket.
- Languages Known : English, Kannada, Hindi

Professional Experience

- Worked as Assistant Professor in GAT at Bangalore from 02.04.2012 to 12.10.2015
- Working as Assistant Professor in Dayananda Sagar Academy of Technology & Management at Bengaluru from 21.8.2016 to till date
- Pursuing Ph.D. under Visveshvaraya Technological University (VTU) since June-2019

Publications

International Journals:

- **Published paper in International Journal of Intelligent Manufacturing and Energy Sustainability “Design and Modeling of Wye piece”** Volume 169 ISBN978-981-15-1615-3, pp 461-471: Publisher Name: Springer, Singapore.
- Published paper in **International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS)** on “Experimental Investigation on Loads Shared by Rivets in Different Joint Orientation” Volume VII, Issue VIII, August 2018 | ISSN 2278-2540, Page No.27-31.
- Published paper in **International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE)** on “Study on water absorption behavior and impact properties of alumina filled jute epoxy composites” Vol 2, Issue 5, May 2017, ISSN (Online) 2456-1290, Page No.903-908.
- Published **Journal in Materials and Designon** “Dry sliding wear behavior of SiC/Al₂O₃ filled jute/epoxy composites” 36 (2012) 306–315.

Conferences:

International conferences

- Presented Paper Entitled “Static Stress Analysis of Wye-Piece for Penstock Application” in the **International conference** on Intelligent Manufacturing and Energy Sustainability (ICIMES 2019), held on June 21-22, 2019 at Malla Reddy College of Engineering & Technology, Hyderabad, India.
- Presented Paper “Analysis of penstock WYE piece bifurcation” in the First **International conference** on Advance Technology in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE-2019) held on 19th & 20th March 2019 at Dayanada Sagar Academy of Technology and Management, Bengaluru-82.
- Presented Paper “Study on water absorption behavior and impact properties of alumina filled jute epoxy composites” in **International conference** on engineering technology Innovations in mechanical engineering (ICETIME-17) held at R R Institute of Technology, Bengaluru.
- Presented paper “Study on dry sliding wear behavior of jute/epoxy composites filled with alumina” in **International conference** of ICDAME-2011 SKP Engineering College, Thiruvannamalai, Tamilnadu, India -606 611.
- Presented Paper “Buckling of skew plates subjected to linearly varying in-plane edge loading on two opposite edges using FEM” as Nominee in the **International conference** on Advance and Robotics, Mechanical Engineering and Design 2011.

National Conferences

- Published paper titled " Influence of Cenosphere Filled Particles On Mechanical Properties of MMC", in Fifth **National Conference** on Convergence Science Technology and Management (NCCSTM-2019) ISBN No.:978-93-85682-52-4, Page No. 91-95, held at DSATM Bengaluru on 03.05.2019.
- Published paper titled "Power Generation using Vehicle Suspension", in Fourth **National Conference** on Convergence Science Technology and Management (NCCSTM-2018) ISBN No.:978-93-85682-52-4, Page No. 91-95, held at DSATM Bengaluru on 03.05.2018.

Academic Activity

- Participated in One Week live online certificate course on “ Composite Materials and its Characterizations” organized by Department of Mechanical Engineering, Acharya Institute of Technology from 22nd to 26th June, 2020.
- Participated in webinar session on “Industry 4.0 & Role in Manufacturing” Organized by M/Bosch Rexoth Innovation Lab & Dept. Of Mechanical Engineering on 25th July 2020
- Participated in 5 Days Virtual FDP on “Role of Light weight Material Design & Processing for Aerospace & Spacecraft Applications: A Novel Approach by Machine Learning & IoT Using Python Programming” organized by Dayananda Sagar Academy of Technology & Management, Bengaluru during 27th July to 31st July 2020.
- Has Cleared Quiz on “CAD/CAM/CIM” conducted by ATME College of Engineering, Mysuru from 21st – 23rd July 2020
- Participated in two Days webinar on “Research : New Avenues for Budding Researchers” organised by Dept. of Mechanical Engineering University Visvesvaraya college of Engineering Bengaluru held on 1st & 2nd August 2020.
- Participated in webinar on “Operation Research” held by Mechanical Engineering Dept, GMIT, Bharathinagar, K.M.Doddi, Madduru tq. Mandaya Dist. On 12/08/2020

- Participated in One Week FDP on “Role of Teaching in Quality Enhancement & Accreditation” Organized by Santhiram Engineering College, Nandyal in Association with Kristu Jayanti College, Bangalore from 05.06.2020 to 11.06.2020.
- Participated in two days National Level Online FDP on “Advancements in Materials Science” organized by the Science Club on 05.06.2020 and 06.06.2020
- Has Attended webinar of FDP on “ Emerging Engineering Materials” organized by Department of Mechanical Engineering in associated with ISME from 1st to 5th June 2020
- Online Participated in FDP on “Fundamentals of Hybrid Electric Vehicle” held on 12 May 2020.
- Participated in 5 Days FDP on “Augmented and Virtual Reality Interfaces for 3D Printing and Design” organized by Dayananda Sagar Academy of Technology & Management Bengaluru during 28th Jan to 1st Feb 2020.
- Attended 5 Days FDP on “Recent Innovations in Manufacturing and Welding Technology” held on 28th June to 2nd July 2019 at Dayananda Sagar Academy of Technology & Management, Bengaluru-560082
- Participated in 11th Summer School in Tribology organized by Tribology Society of India during 14-18 May 2019 at Indian Oil Institute of Petroleum Management, Gurugram.
- Awarded certificate for successfully completing 4-week NPTEL (Funded by the Ministry of HRD, Govt. of India) online course “Product Design and Development” Jan-Feb 2019.
- Attended "3 Days National Level Workshop on Research Methodology" held on 21st to 23rd February 2019 at Dayananda Sagar Academy of Technology & Management, Bengaluru-560082
- Participated in 2 Day Faculty Enhancement program on "Intellectual Property Rights" Jointly organized by DSATM-ISTE CHAPTER, DSATM-KSCST IPR Cell & Department of Mechanical Engineering, Dayananda Sagar Academy of Technology & Management Bengaluru during 14th to 15th February 2019 in association with Karnataka State Council for Science and Technology, IISc, Campus, Bengaluru-560012
- Participated in Five days FDP on “Research Opportunities on Materials and Manufacturing” organized by Department of Mechanical Engineering of Dayananda Sagar Academy of Technology & Management, Bengaluru during 16th to 20th of January 2019.
- Participated in 3 days Work Shop on "Teaching Learning Methodology" held on 26th to 28th July 2018 in Dayananda Sagar Academy of Technology & Management, Bengaluru-82.
- Participated in 6 days Faculty development program on Introduction to CATIA Design Tool held on 9th July to 14th July 2018 in Dayananda Sagar University, Bengaluru-82.
- Participated in 3 days NBA workshop on OBE (Outcome based Education) held on 18th, 19th & 20th June 2018 in Dayananda Sagar Academy of Technology & Management, Bengaluru-82.
- Attended Four days Faculty development program on "Computer Aided Design, Modelling & Analysis of Mechanical Systems" 8th to 11th January 2018 held in Dayananda Sagar Academy of Technology & Management, Bengaluru-82.
- Participated in 3 days NBA workshop 2017" held on 11th, 12th & 13th December 2017 in Dayananda Sagar Academy of Technology & Management, Bengaluru-82.
- Participate in the 2nd VTU Intercollegiate State level Staff Tennis Ball Cricket Tournament 2013, Organized by HKBK College of Engineering on 28th to 30th January 2013.

Professional Membership

- Member of IAENG International Association of Engineers Member Number: 253805

Contact Details

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My Vision

- To Continue Research work where ever I go.
- To complete Academic, NBA & NAAC work allotted by the organization.