

RESUME

Madhu K S

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Objective

To work in a time sensitive fast paced challenging environment and make best use of my technical and research skills to provide value to my employer, for reaching the organizational goals and enhance my personal knowledge by growing with the organization.

Education

Course	Year of Passing	Institution	Board/University	Result
M.Tech [Computational Analysis in Mechanical Sciences]	2013	Government Engineering college, Hassan	VTU,Belgaum	77.64 %
B.E.[Mechanical Engineering]	2010	Malnad College of Engineering, Hassan	VTU,Belgaum	72.42 %
PUC	2006	Sri Venkateshwara PU College, Hassan	Karnataka Pre- University Board	81 %
SSLC	2004	Sri Aravinda High School, Hassan	K.S.E.E.B	81.92 %

Technical Skills

- ANSYS, SOLID WORKS, Hypermesh – 11.0
- MS Office

Publication

- An international journal on “Buckling Analysis of Composite Driveshaft”, Journal of Innovative Research and Solutions (JIRAS) ISSN: 2320 1932 Volume No.1A, Issue No.2, Page No: 63-70, Jan – Jun 2013.
- Sharath, B.N., Madhu, K.S. and Venkatesh, C.V., 2019. *Experimental Study on Dry sliding Wear Behaviour of Al-B₄C-Gr Metal Matrix Composite at Different Temperatures*. *J. Applied Mechanics and Materials*, **895**, pp. 96-101.

Workshops Attended

1. Work shop on “Application of X-Ray Diffraction on Thin Films and Bulk Materials” at IIT Hyderabad, July 2016.
2. Advanced Manufacturing Processing Techniques, MCE, February 12th to 17th 2018
3. Challenges in Non-Conventional Energy Sources, MCE, April 9th to 13th 2018
4. Recent Trends in Automotive Technology, MCE, June 25th to 29th 2018

5. “Thermo- Mechanical Simulator”, July 17th to 20th 2018 IIT Roorkee, Roorkee (Uttarakhand)
6. “Being a Great Teacher”, November 3rd to 4th 2018 MCE, Hassan
7. One Week FDP on “Recent Trends in Automotive Technology”.
8. “Feel Teacher”, November 2nd 2019 MCE, Hassan
9. AICTE Sponsored two weeks FDP on, “Light Weight Structures for Engineering Applications through composites and Topology optimization”, 27th January to 07th February 2020, GEC Hassan
10. Workshop on, “Digital Transformation in teaching and Learning Process” 06th to 22nd Apr 2020
11. Workshop on, “Recent Advances & Trends in Mechanical Engineering & Material Science” 27th to 31th Jul 2020
12. ATAL FDP on, “Novel Materials” 05th to 09th Oct 2020.
13. Recent Advances in Tribology and Surface Engineering: Series 3 of 4 – “Introduction to Special Topics like – Nanotribology, Biotribology, Space tribology, Biomimetics” 12th to 17th Oct 2020.
14. Workshop on, “Advances in synthesis of Nano Materials and their applications in the field of Science and Engineering” 19th to 23rd Oct 2020.

Conferences

1. International Conference on Innovative Research and Solutions [ICIRS 2013] “Buckling Analysis of Composite Driveshaft”, in Bharath University, Chennai, April 2013.
2. International Conference on Advanced Materials, Manufacturing, Management and Thermal Sciences [AMMMT 2013] “Static and Dynamic Analysis of Kevlar49/Epoxy and HM Carbon Composite drive shafts”, in SIT, Tumkur, May 2013.
3. International Conference on Advances in Mechanical Sciences Finite Element Analysis of Multi Leaf springs from GFRP Composite material, march 2017
4. International Conference on Green Trends in Mechanical Engineering Sciences, “Experimental Study on Dry Sliding Wear Behaviour of Al-B4C-Gr Metal Matrix Composite at Different Temperatures”. Applied Mechanics and Materials, 895.”03rd to 05 th October 2018.

Workshop Conducted

1. “Skill development on Press Tool Design” 26th to 28th April 2018 ,TEQIP-III sponsored MCE Hassan
2. Twinning System “Skill development on Press Tool Design” 26th to 28th April 2018 ,TEQIP-III sponsored MCE Hassan

Achievements

1. Educational Leadership, NPTEL Online Certification Course (Jul-sept 2019).
2. Swayam Arpit Online Course Certification Refresher Course on “Teacher and Teaching in Higher Education” February 2nd 2020.
3. IUCEE International Educator Certification Programme Spring 2020, 05th dec 2019 to 06th Dec 2020.

Work Experience

1. From (Aug-2015 to Present): **Assistant Professor**, Mechanical Department at Malnad college of Engineering, Hassan.
2. From (July-2014 to Aug-2015): **Assistant Professor**, Mechanical Department at Shree Devi Institute of Technology, Kenjar, Mangalore.
3. From (Oct-2010 to Sep-2011): INDO-US MIM TEC (Pvt.) Ltd. An ISO 9001, ISO/TS 16949:2002 Company, Bangalore as a GET in the field of 'PRODUCT DEVELOPMENT'.

Languages

English, Hindi and Kannada.

Personal Details

Father's Name : Somashekara K R
Mother Name : Vanajakshi M D
Passport no. : G4745440
Marital Status : Married
Date of Birth : Dec-02-1988
Permanent Address : S/o Somashekara K R
Kodigarahalli Byrapura post
Alur taluk-573218
Hassan District.

I declare that the information given above is true to the best of my knowledge.

Place:

Signature

Date:

(Madhu K S)