

FACULTY PROFILE

Name of the faculty	Dr. TULSIDAS D
Designation	ASSOCIATE PROFESSOR
Contact Number	9886438036
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Educational Qualification

Degree	Specialization	University	Year of Passing
Ph.D	Design & Analysis	Bangalore University	2017
M.E	Machine Design	Bangalore University	2002
B.E	Mechanical Engineering	Bangalore University	1999

Work Experience

Teaching	Research	Industry
17	5	1

Publications

National/International Journals	National/International Conferences	Books Authored/Edited
7	3	0

Area of Interest

Design and Analysis	Product Design & Development
Finite Element Analysis	Agricultural Product Development
Vibrations	Automotive Technology
Experimental Stress Analysis	

Subjects Taught

Mechanics of Materials	Theory of Plasticity	Entrepreneurship and Management
Design of Machine Elements-I	Finite Element Modeling and Analysis	Computer Aided Machine Drawing.
Design of Machine Elements- II	Control Engineering	Elements of Mechanical Engineering Science.
Mechanical Vibrations	Hydraulics & Pneumatics	Computer Aided Engineering Drawing.
Theory of Elasticity	Mechatronics and Microprocessors	Manufacturing Process-II and III

Membership in Professional Bodies/University Bodies/Organization

- MISTE, IAENG
- BOE Member for PG (Machine Design), UVCE, Bangalore University. (2013 April to 2015 April)

Publications National/International Journals

1. Tulsidas.D, Shantharaja.M & Kumar.K., "Design Modification for Fillet Stresses In Steam Turbine Blade ", International Journal of Advanced Engineering Technology, Volume III, Issue I, PP 343-346. January-March 2012. **GOOGLE SCHOLAR/INDIAN CITATION INDEX.**
2. Tulsidas.D, Ranganatha.S.R & Chittappa.H.C , "Investigation on Three Body Abrasive Wear of Al2O3 Filler on CFRP Composites", International Journal of Advanced Engineering Research & Studies, Volume II, Issue III,PP 83-85, April-June 2013. **GOOGLE SCHOLAR/INDIAN CITATION INDEX.**
3. Tulsidas.D, Shantharaja.M& Kumar.K., "Improved Fillet Stresses In Steam Turbine Blade", International Journal of Computer Aided Engineering & Technology, Inderscience Publishers, Volume 5,Issue 4, PP 329-342, 2013.
4. Tulsidas.D, Shantharaja M. & Bharath V. , " Life Estimation of a Steam Turbine Blade using Low Cycle Fatigue Analysis ", Elsevier, Procedia Materials science, Volume 5, PP 2392-2401,2014.**SCOPUS INDEXED**
5. Tulsidas.D, Shantharaja.M., "Effect of Taper and Twisted Blades in Steam Turbines", International Journal of Science, Technology and Management, Volume 4, Issue 1,PP 319-325, 2015. **GOOGLE SCHOLAR/INDIAN CITATION INDEX.**
6. Tulsidas.D, & Kumar K., "Transient Stress Analysis and HCF life Estimation of a Gas Turbine Shrouded HP Compressor Blade ", ASME,2016.
7. Tulsidas D , Rahul N Dixit & Mithun Raghunandan, "Experimental Investigation and Analysis of Critical Speed of Shaft", Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, PP 378-383, 2019.

National /International Conferences

1. Tulsidas D., "Design Modification for Fillet Stresses In Steam Turbine Blade", National Conference on Emerging Trends in Mechanical Engineering, Rajarajeswari College of Engineering during 24th & 25th Feb 2012, Bengaluru.
2. Tulsidas D., " Life Estimation of a Steam Turbine Blade using Low Cycle Fatigue Analysis ", International Conference on Advanced Materials Manufacturing in Engineering 2014 held at NITK, Surathkal during 14th & 16th March 2014, Mangalore.
3. Tulsidas D, "Fatigue and creep analysis of a rotating shaft using ansys", International conference on recent research emerging trends in materials and Mechanical Engineering, Reva University,2019

Faculty Development Programme Participated

- Faculty Development Program on “Finite Element Method for Engineering Analysis” from 27th – 31st Jan 2009 at Bangalore Institute of Technology, Bangalore.
- Faculty Development Program on “Trainers Training Programme on Entrepreneurship Development” sponsored by VTU-EDC during March 2007 at BNM Institute of Technology, Bangalore

Workshop Attended

1. Two Days workshop on “Shock Waves in Science, Engineering and Medicine”, at Bangalore Institute of Technology, Bangalore on 24th -25th March 2017.
2. Two Days workshop on “Advancement in Stress Analysis and Dynamics”, at National Institute of Technology Karnataka, Surathkal, Mangalore on 16th-17th March 2017.
3. Two Days workshop on “Teaching Engineering using Autodesk Inventor”, on 11th and 12th February ,2011 at U.V.C.E, Bangalore
4. One day workshop on “Emerging Trends in Materials, Manufacturing and Design”, conducted on 14th March 2009 at Sri Krishna Institute of Technology.
5. One day workshop on “Emerging Trends in Mechatronics”, at Sambram Institute of Technology during 2004-05.
6. Two Days workshop on “Non conventional Energy Resources”, at East Point college of Engineering during 2003-04.

Awards/Recognition/Achievement/Others

1. Social Service appreciation by Karnataka Red Cross Society

FUNDS/PATENTS-
Applied-2019