




**DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT**  
22 Mile, B.M Kaval, Udayapura, Kanakapura Road, Bangalore-560082.

**DEPARTMENT OF MECHANICAL ENGINEERING**

<b>Faculty Name</b>	<b>MANJUNATH B T</b>	
<b>Designation</b>	<b>Assistant Professor</b>	
<b>Educational Qualification</b>	<b>B E ,M E. (PhD.)</b>	
<b>Experience in Years</b>	<b>16 years (both Industrial &amp; Teaching)</b>	
<b>Area of Interest</b>	<b>Design of Mechanical components and Analysis of Fracture surfaces</b>	
<b>Email ID</b>	<b>manjunathbtlit@gmail.com</b>	

**Educational Details**

- Ph.D - (Fracture Mechanics) Registered in VTU Belgaum
- M.E - Machine Design from Bangalore University ,U V C E Bangalore, Passed with First Class
- B.E- Mechanical from Bangalore University P E S Institute of Technology Bangalore passed with First class

**Personal Details**

- Date of Birth: 05-09-1973
- Hobbies: New Innovation in technical field, Reading
- Languages Known :Hindi,Kannada,English,

**Professional Experience**

**INDUSTRIAL EXPERIENCE:**

- Worked as Process Engineer in Bangalore Malleable Casting Ltd., Bangalore, from 01.01.1997 to 01.09.2000
- Worked as Junior Research Fellow in Gas Turbine Research Establishment from 09-09-2000 to 10-09-2005

**TEACHING EXPERIENCE:**

- Worked as Assistant Professor in B T L Institute of Technology and Management from 05-10-2005 to June 26-07-2016.
- Worked as Assistant Professor in D S A T M from 28-07-2016 to till date.

**Publications**

**International Journals:**

- Computational Procedures for Evaluation of Stress Intensity Factor - A Review International Journal of Research in Mechanical Engineering Volume 3, Issue 4, July-August, 2015,

- Evaluation of Energy Release Rate for Mode I Crack propagation in GFRP structures  
International Journal of Engineering and Technology (IJET) Vol 9 No 3 Jun-Jul 2017
- Experimental Investigation of Energy Release Rate for In-plane Shear Mode in GFRP composites. International Journal of Engineering and Technology (IJET) Vol 9 No 4 Aug-Sep 2017.
- Evaluation of Critical Strain Energy Release Rate for Mode II Crack Propagation in Glass/Epoxy Composites Madhu S<sup>1</sup> Manjunatha C<sup>2</sup> B T Manjunath<sup>3</sup>IJSRD - International Journal for Scientific Research & Development| Vol. 4, Issue 04, 2016 | ISSN : 2321-0613
- Development of tricycle model for aircraft steering system Poovarasana Dhanush Rakshith Parineeth<sup>[1]</sup> B T Manjunath<sup>[2]</sup>
- Genetical algorithm on energy and direct material optimisation Bharathraj S Sharath<sup>[1]</sup> Raysad<sup>[1]</sup> B T Manjunath<sup>[2]</sup>
- Modular Transportation Using Robotugs Using Bio-Mimicry of Gecko Feet Bharath S,<sup>[1]</sup> Dinakar B R,<sup>[1]</sup> Jaishree G Jalde<sup>[1]</sup> B T Manjunath<sup>[2]</sup>
- Automatic mechanism for cattle feed distribution<sup>[1]</sup> Chandrashekhar g t<sup>[1]</sup>, Karthik t kerker<sup>[1]</sup>, Punith b j<sup>[1]</sup>. Rajesh m<sup>[1]</sup> B T Manjunath<sup>[2]</sup> world Journal of Engineering Research and Technology ,2018,Vol 4,Issue 5,173 - 186

#### Conferences:

- Numerical and Experimental evaluation of energy release rate for in plane mixed mode bending. “National Level Conference on Convergence of Science and Technology and Management”. June 2017”

**FACULTY DEVELOPMENT PROGRAM** conducted on “COMPUTER AIDED DESIGN, MODELLING AND ANALYSIS OF MECHANICAL SYSTEMS” 8-11th JANUARY 2018

#### Awards

Recognized and awarded shield and citation as the best teacher by Bangalore Thimmaiah Lakshman Institute of Technology and Management, Bangalore during the academic year 2010-11

## Academic Activity

- 3 Day Workshop on “National Board of Accreditation (NBA)” on 11<sup>th</sup> to 13<sup>th</sup> of December 2017 organized by DSATM, Bengaluru.
- Teaches many Mechanical Engineering subjects like Machine Design, Vibrations, Strength of Materials, Dynamics of Machinery, Kinematics of Machines, Finite Element Methods, Engineering Drawing, Machine Drawing, Material Science and Metrology, and also handled almost all Laboratory subjects during my teaching experience.
- Attended as trainer program on Computer Aided Engineering Drawing held at Siddaganga Institute of Technology Tumkur, Karnataka
- Attended train the trainer program on Computer Aided Engineering Drawing held at BMSCE, Bangalore
- Participated in five days Faculty development program held in B T L Institute of technology and management, Bangalore
- Participated in Three days International conference on “Emerging Science and Technology” held in B T L Institute of Technology and Management, Bangalore

## Faculty Development Activity

- Participated in five days Faculty development on “ Continuous improvement in Science and technology” program held in B T L Institute of technology and management, Bangalore ( 2011)

## Administrative Activity

- Internal Test Co-ordinator 2006-2007
- VTU Exam Co-ordinator 2007-2009
- Placement Co-ordinator 2010-2012
- IN charge HOD in B T L Institute of Technology Management (2013 to 2015)
- Placement Co-ordinator in D S A T M from August 2016 to till date.

## Professional Membership

- International Association of Engineers
- Member Number: 149981

## Contact Details

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Udayapura, Kanakapura Road  
Bengaluru-560082  
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Phone No.: **9945193146**

## My Vision

- To impart quality technical education to today’s students
- To be a excellent teacher and Engineer by keeping myself updated with the latest available technology in Mechanical Engineering Field
- To be a role model in developing technical carrier and Research activates to students
- To be a good human being who cares for dignity, respect, knowledge and understanding.
- Giving practical examples about engineering subjects.