

Faculty Profile - VTU FACULTY ID: 4GMME0000533

Manjunatha G B

Assistant Professor,

Department of Mechanical Engineering,

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[Researcher ID: D-5416-2018](#)

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Educational Qualifications

1	MTech in Machine Design
2	BE (Mechanical Engineering)

Professional Details

Total experience: 3.5 years (Teaching:3.5)

GM Institute Of Technology, Davangere	3.5 Years
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Academic / Research Publications

1	G.B.Manjunath ^{1*} , T.N.Vijaykumar ¹ and K.N.Bharath ² , “ Optimization of Notch Parameter on Fracture Toughness of Natural Fiber Reinforced Composites Using Taguchi Method ” <i>Journal of Materials Science & Surface Engineering</i> Vol. 3 (2), 2015, pp 244-248.	International Journal
2	Manjunath GB, Bharath KN, Ganesh D B, Raj Kumar D G, Shivprakash P, Harsha H M, “ ANOVA and Response Surface Methodology for the Optimization of Fracture Toughness parameters on Jute Fabric-Epoxy composites using SENB specimens ” <i>Materials Today: Proceedings-Elsevier</i> .	International Journal
3	Ashwini P ¹ , SureshBabu S U ² and Manjunath G B ³ “ Experimental Investigation Of Jute & E-Glass Fiber Reinforced Hybrid Composites For Free vibration ” <i>Journal of Research in Science, Technology, Engineering and Management (JoRSTEM)</i> . ISSN: 2456-0197.	International Journal
4	G B Manjunath and K N Bharath, “ Investigating the contribution of geometrical parameters and immersion time on fracture toughness of jute fabric composites using statistical techniques ” <i>Frattura ed Integrità Strutturale</i> , 46 (2018) 14-24; DOI: 10.3221/IGF-ESIS.46.02.	International Journal

5	K.N.Bharath, G.B.Manjunatha, K.Santhosh. Failure analysis and the optimal toughness design of sheep–wool reinforced epoxy composites. Failure Analysis in Bio composites, Fibre-Reinforced Composites and Hybrid Composites , Woodhead Publishing Series in Composites Science and Engineering.2019, Pages 97-107.	Chapter
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Conference attended	
1	International Conference & Exhibition on Fatigue, Durability and Fracture Mechanics, 28 - 30 May 2015, J N Tata Auditorium, Indian Institute of Science, Bangalore India.
2	International conference on Advanced materials, Manufacturing & Thermal Sciences-2016, 23-24 September 2016, SIT Tumkur.
3	Presented Paper” Failure Analysis of Natural Fiber Composites-Review. In National conference Delta 15.O, GMIT, Davangere.
4	Presented Paper "Fiber reinforced composites as an Implant material for medical application -Review "In NCETERM-2016, GMIT, Davangere.
5	Presented Paper Experimental Investigation of Jute & E-Glass Fiber Reinforced Hybrid Composites For Free vibration <i>In 5th national conference NCETERM-2017, GMIT, Davangere.</i>
6	Presented Paper Vibrational characteristics Of Jute & E-Glass Fiber Reinforced Hybrid Composites – Experimental investigation <i>In 7th national conference POLYCON-2017, 15th -16th September 2017 @ SJCE, Mysuru.</i>
7	Presented Paper Fracture Characterization of Glass-Sheep wool fabric reinforced Epoxy hybrid composite using stacking sequence <i>In National Conference on processing of Materials NCOPOM-18, 19th -21st September 2018 @ NITK Surathkal.</i>

Workshops / Seminars attended	
1	Two days Workshop On 3D fracture mechanics simulation crack growth simulation Remaining Life Prediction. 11-12 th May 2016 @ DHIO Research and Engineering Pvt Ltd.,
2	Participated to AICTE sponsored Two Days Seminar “Advance in Design of Aerospace Components and Pressure Vessels- Fatigue, Creep, Fracture” at <i>Ramaiah Institute of Technology, Bengaluru</i> on 21 st and 22 nd of December 2017.
3	Participated to AICTE sponsored Two Weeks’ Faculty Development Programme on Finite Element Methods & Stress Analysis during 22 nd January to 3 rd February 2018 at <i>Cambridge Institute of Technology, Bengaluru, Karnataka, India.</i>
4	Participated to Two day workshop on Intellectual Property Rights (IPR) organised by GMIT-KSCST-IPR cell on 17 th and 18 th September 2018 at <i>GM Institute of Technology, Davanagere.</i>
5	Participated to 21 st ISTE State Level Faculty Convention-2018 on Challenges and Opportunities in Engineering Education in India held on 3 rd November 2018 at <i>BKIT, Bhalki.</i>

University responsibilities	
1	Theory Exam Invigilation, External Lab Examiner.

New Technology / Information learnt / exposed	
1	Successfully completed the course in CATIA V5 at MSM consultancy services, Authorized CAD/CAE training provider. Bangalore.
2	Secured PRO-E Basic at CADD Center, Vidyanagar.

Details of Academic e-Contents prepared / used	
1	Used NPTEL Videos: Lecturing on Experimental Stress Analysis from Prof. K. Ramesh, Department of Applied Mechanics, Indian Institute of Technology, Madras.
2	Used IEEE Journals, Springer E-journals, Sage journals for Academics.

Membership details	
Indian Society for Technical Education (ISTE)	LM108234
International Association of Engineers(IAE)	217424
International Society for Research and Development(ISRD)	M4150906315
Teaching and Education Research Association (TERA)	TERA-M18392

Personal Details	
Gender	Male
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