

PROFILE

Name	MANJUNATHA T V
Position & Affiliation	Assistant Professor, Department of ME
Areas of Interest	Analysis, FEM, Tribology, Materials.
Email	Manjunath.mech@cambridge.edu.in
LinkedIn ID	linkedin.com/in/manjunatha-t-v-21964b99
Google Scholar ID	qIvNNsYAAAAJ&hl
Orchid ID	0000-0002-8441-0298
Vidwan ID	564904
Scopus ID	57235803700
Professional Webpage (if any)	NA

Educational Qualifications:

Ph.D			
MTech	VTU	India	2013
BE	VTU	India	2011

Areas of Research:

Materials, structural analysis.

Brief Profile: (write about yourself)

Completed MTech in machine design. Has two years of Industry experience and 11 years of Academic experience. The areas of interest are materials, tribology and design structural analysis Earlier was associated with SRSIT, currently Associated with CiTech from July 2014 onwards. Guided the students' projects at BE and MTech level since from 11 years.

Awards/Achievements/Others:sss

Courses Taught: Finite element analysis mechatronics, mechanical vibration elements of mechanical engg, computer aided engg drawing. Theory of machines, machine design, tool design, mechanics of materials, nontraditional machining process, kinematics of machines.

Publications/Patents:

Publications	<ol style="list-style-type: none"> 1. “Design and Analysis on Feeder System for Hydro Leak in the 10&quot, Class 300 Gate Valve Butt Weld End Body Casting” International Journal for Scientific Research and development, Vol. 6, Issue 11, August 2019. 2. “Design and Development of Hydraulic Tank through Structural and Fatigue analysis” International Research Journal of Engineering and Technology (IRJET), Volume: 06 Issue: 12 Dec 2019. 3. “Fem And Analysis Parameters In Heating Operation By Turning Of Inconel” International Journal of Research and Analytical Reviews, Volume 7, Issue 3, September 2020. 4. “Grass and Leaf Fiber Plate Making Machine”International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 9 Issue IV Apr 2021. 5. “Analysis of Crack Growth Behavior of Fan Rotor Blade Under Centrifugal Force” Published in: Recent Trends in Mechanical Engineering, Springer Singapore, and Proceedings of ICOFTIME 2020. 6. “Design And Finite Element Analysis Of Automatic Car Cover” International Research Journal of Engineering and Technology 08 Issue: 08 Aug 2021 e-ISSN: 2395-0056 7. “Design of Landing Gear using Different Materials for Stiffness and Maximum FOS and Minimum Stress Developed and Deflection “International Research Journal of Engineering and Technology, Volume: 08 Issue: 08 Aug 2021, e-ISSN: 2395-0056. 8. “International Research Journal of Engineering and Technology (IRJET)” Volume 8, Issue 12, December 2021. 9. “Debris Impact Study Fuselage Panel” International Research Journal of Engineering and Technology” Volume: 08 Issue: 12 Dec 2021 e-ISSN: 2395-0056 10. “Grass and Leaf Fiber Plate Making Machine” International Journal for Research in Applied Science & Engineering Technology, Volume 9 Issue IV Apr 2021. 11. “Analysis of Crack Growth Behavior of Fan Rotor Blade Under Centrifugal Force” Recent Trends in Mechanical Engineering Select Proceedings of ICOFTIME 2020, Springer Nature Singapore Pte Ltd. 12. “Evaluation of microstructure and prediction of hardness of Al–Cu based composites by using artificial neural network and linear regression through machine learning technique” Multiscale and Multidisciplinary Modeling, Experiments and Design Springer 12 July 2024 13. “Evaluation Of Microstructure And Hardness Of Al-Mg-Si Alloy Reinforced With SiCp” IJCRT Volume 12, Issue 5 May 2024. 14. Microstructure and wear study on Al-Zn-Mg alloy hybrid composites fabricated through die casting process” EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10, Issue 01, March 2023
Patents	<i>NIL</i>
Book/Book Chapters	NIL
Research and Consultancy: NIL	