

PROFILE

Name	Dr Vishwanath Patil
Position & Affiliation	Associate Professor, Department of Mechanical Engineering
Areas of Interest	Fracture Mechanics, Composite Materials, Finite Element Methods
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Scopus ID	NA
Professional Webpage (if any)	NA

Educational Qualifications:

Ph.D	Visvesvaraya Technological University Belagavi	India	2019
MTech	KLECET Belagavi, Visvesvaraya Technological University	India	2010
BE	BLDECET Vijayapur, Visvesvaraya Technological University	India	2006

Areas of Research:

Fracture Mechanics, Composite Materials, Finite Element Methods

Brief Profile: (write about yourself)

Completed M.Tech and PhD in Mechanical Engineering. Has over Fifteen years of Teaching Experience. The areas of interest are Fracture Mechanics, Composite Materials, Finite Element Methods. Worked as a Associate Professor in Sharnbasva University kalaburagi, Having six Patents, one Design Grant, author of Design of Machine Elements. Awarded for best patent and young researcher award. Worked as chief superintendent and Deputy chief superintendent, BOS,BOE Member sharnbasva University kalaburagi.

Awards/Achievements/Others: best patent Award and young researcher award

Courses Taught: FEM,HMT,CMT,TOM,DME,ESA,RM,SCM, FRACTURE MECHANICS

Publications/Patents:

Publications	<p>Studies on mechanical behavior and morphology of alumina fibers reinforced with aluminium-4.5% copper alloy metal matrix composites.Authors Vishwanath Patil, Sanjeev Janawade, Suneelkumar N Kulkarni, Akash Biradar Publication date 2021/1/1 Journal Materials Today: Proceedings Volume 46 Pages 99-106 Publisher Elsevier.</p> <p>An experimental study on hemp/sisal fiber embedded hybrid polymer composites. Akash, S Rachoti, V Patil, KG Girisha Trends in Manufacturing and Engineering Management: Select Proceedings of ..., 2020</p> <p>A Study on Mechanical Properties of Aluminum-4.5% Copper Alloy Metal Matrix Composites Reinforced with Alumina Fibers Using Squeeze Casting Process.VM Patil, SKN Kulkarni, BK Sriranga J. Polym. Compos 6, 22-31, 2018</p>
Patents	<p><i>MPPT in solar photovoltaic system under fluctuating irradiance condition techniques. Application No. 202241007315A, Date of publication 18/02/2022</i></p> <p><i>Development of Bio Materials process for engineering production and control. Application No 202241000069A, Date of Filing 02/01/2022, Date of publication 04/02/2022.</i></p>
Book/Book Chapters	<p>A Perspective Study: Online education/Classes for Students to Aid During Covid-19 Pandemic.MN Vishwanath Patil, Pankaj Jadhav IOR INTERNATIONAL, 2, 2020</p> <p>Textbook : Design of Machine Elements, Publisher Kripa Drishti Publication Pune, ISBN-978-93-94570-43-6</p>

Research and Consultancy: NA