

# RESUME



**Dr .Vishwanath Patil**

**Address: S/O Late Shri  
Mallikarjun Patil**

Gulam Hussain Galli Beside  
Anjuman Degree College Vijayapur  
586104 Karnataka

**Email:** [drvp2018@gmail.com](mailto:drvp2018@gmail.com)

**Mobile:** +91-8494910220/+91-9164193338

## **Career Objective:**

To work innovetly in a challenging and progressive environment that provides an opportunity for professional and personal growth to enhance self-potential and maximize the contribution to the organization in particular and nation at the large.

## **Professional Experience:**

**Awarded Ph.D. in the year 2019, under the guidance of Dr. Suneelkumar N Kulkarni, Professor & HoD, Mechanical Engineering, Cambridge Institute of Technology, Bengaluru.**

Working as Associate Professor in Robotics and Artificial Intelligence Maratha  
Mandala Engineering College Belagavi  
From: May 4 2026- To Date

Worked as Associate Professor Mechanical Engineering Department Cambridge Institute of  
Technology Bengaluru.

**From: Aug 2024- April 2026**

Worked as Associate Professor Mechanical Engineering Department **Sharnbasva University  
Kalaburagi**

**From: Sept 2019 – July 2024.**

Worked as Assistant Professor

Institute: **APPA Institute of Engineering Technology Kalaburagi**

**From: Aug 2015 to Sept 2019.**

Worked as Assistant Professor

Institute: **BTLIT& Management Bengaluru**

From: **Aug 2013 to Aug 2015.**

Worked as a Assistant Professor

Institute: **Alpha College of Engineering Bengaluru.**

From: **Aug 2011 to Aug 2013.**

Worked as a Lecturer

Institute: **Basava Academy of Engineering Bengaluru.**

From: **Aug 2010 to Aug 2011.**

Worked as a Graduate Trainee

Company: **Divagi Metal Wares Pvt Ltd Shivare, Pune**

From: **Aug 2006 to Aug 2007**

### **Educational Qualification:**

**1. Degree: PhD** in Mechanical Engineering.

**Discipline:** Composite Materials

**University:** Visvesvaraya Technological University, Belgaum

**Year: 2019**

**2.Degree: Master of Technology** in Mechanical Engineering.

**Discipline:** Design Engineering

**University:** Visvesvaraya Technological University, Belgaum

**College:** K.L.E.C.E.T Belgaum.

**Percentage: FCD**

**3. Degree: Bachelor of Engineering**

**Discipline: Mechanical**

**University:** Visvesvaraya Technological University, Belgaum

**College:** B.L.D.E.C.E.T Bijapur.

**Percentage: SC**

### **Software Skills:**

**a) CATIA V5 (MTP-MCAD course from M.S. RAMAIAH School of Advanced Studies, Bangalore.)**

**b) CAE HyperMesh, ANSYS 10**

### **Seminar Attended:**

- 3D Experience Forum by Dassault Systems at Leela Palace Bengaluru.
- “Choice Based Credit System” Organized by VTU at BNMIT Bengaluru

**Work Shop Attended:**

- National Level Work Shop on “ Mechanical Vibrations”
- National Level Work Shop on “ Emerging Trends In Mechanical Engineering”
- Work Shop on “ Intellectual Properties” at VTU Regional office Bangalore
- Workshop on “ Internet on things ” at VTU Regional office Gulbarga

**Conference Organized:**

- 3 days National Conference on “ Awareness & Opportunities in Mechanical Engineering” on 1<sup>st</sup> -3<sup>rd</sup> July 2022 organized by Department of Mechanical Engineering, Sharnbasva University Kalaburagi.

**Faculty Development Programme (FDP) Attended:**

- One week FDP on “ Emerging Trends in Teaching, Learning and Research” at APPA IET Gulbarga.
- One week online Faculty Development Program (FDP) on Moodle- Learning Management System organised by the KLS Vishwanathrao Deshpande Institute of Technology, Haliyal, Uttara kannada, Karnataka in association with IIT Bombay Spoken Tutorial ( An initiative of National Mission on Education through ICT,MHRD, Govt. of India,) from 4th May 2020 to 8th May 2020.

**Academic Administration Responsibility:**

- Worked as Chief Superintendent for Semester End Examination.
- Worked as Deputy Chief Superintendent for Summer/Makeup Examination.

**PATENT PUBLICATIONS:**

1. Title of the Invention “ DEVELOPMENT OF BIO MATERIALS PROCESS FOR ENGINEERING PRODUCTION AND CONRTROL”. Application Number 202241000069, Indian Patent, Publication Date 04/02/2022

2. Title of the Invention “ MPPT in solar photo voltaic system under fluctuating irradiance condition technique” . Application Number 202241007315A, Indian Patent, Publication Date 18/02/2022
3. Title of the Invention “ Artificial Intelligence enabled comparative study to analyze the characteristics of silicon to calcium titanium oxide in solar panel setup” . Application Number 202241015031A, Indian Patent, Publication Date 25/03/2022

#### **DESIGN PATENT GRANT:**

1. Certificate of Registration Of Design Patent Grant On Designing A Smart Charging Plug In Cables For Laptops Design No. 372032-001 Date: 05-10-2022

#### **PATENT APPLIED:**

1. “ DEVICE, SYSTEM AND APPARATUS FOR METAL CASTING” (C.000396)

#### **BOOK PUBLICATION:**

1. TITLE OF THE SUBJECT: DESIGN OF MACHINE ELEMENTS PUBLISHER: KRIPA DRISHTI PUBLICATION PUNE ISBN:978-93-94570-43-6 DATE-MAY 2023

#### **Research Scholars Guiding:**

| SL.NO | NAME                | TITLE                                                                                                                                                         | PRESENT STATUS        |
|-------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1     | Maheshkumar Nippani | Tribological behaviour of Aluminium Copper alloy metal matrix composite reinforced with Alumina- Silica using liquidforging process for Aerospace application | Course Work Ongoing   |
| 2     | Sanjana Ukamanal    | Tribological and Mechanical Behaviour of Mg-Al alloy MMC reinforced with continuous boron carbide fibers using squeeze casting approach                       | Course Work Ongoing   |
| 3     | Pratibha V Patil    | Evaluation of properties for pure aluminium reinforced with silicon carbide fiber for automobile application                                                  | Course Work Ongoing   |
| 4     | Sreenath B          | Fabrication and Evaluation of hybrid composites using Glass Fiber and Sisal Fiber with epoxy by cold pressing                                                 | Course Work Completed |
| 5     | Shivakumar M        | Synthesis & Analysis of Titanium carbide dispersed composite in Magnesium Alloy matrix                                                                        | Course Work Ongoing   |

#### **Technical Paper Published:**

- Studies on mechanical behavior and morphology of alumina fibers reinforced with aluminium-4.5% copper alloy metal matrix composites V Patil, S Janawade, SN Kulkarni, A Biradar Materials Today: Proceedings 46, 99-106
- A study on mechanical properties of aluminium-4.5% copper alloy metal matrix composites reinforced with alumina fibers using squeeze casting process V Patil, SKN Kulkarni, BK Sriranga J. Polym. Compos 6, 22-31
- Crack Initiation, Propagation and Stress Intensity Factor of Rectangular Plate with Circular Hole by FEA Approach TSRSK vishwanath Patil, Sanjeev Janawade

**JoEAM 11 (3)**

- **A Perspective Study: Online education/Classes for Students to Aid During Covid-19 Pandemic** MN Vishwanath Patil, Pankaj Jadhav IOR INTERNATIONAL, 2
- **“Evaluation of Properties For Aluminium Alloy Metal Matrix Composites Reinforced With Fly-Ash”** SJ Vishwanath Patil, Suneelkumar N Kulkarni IJIERT 8 (7), 12
- **A study on mechanical properties of aluminium-4.5% copper alloy metal matrix composites reinforced with alumina fibers using squeeze casting process** V Patil, SKN Kulkarni, BK Sriranga J. Polym. Compos 6, 22-31
- **National Conference on Developments and Opportunities in Civil Engineering, Applied Sciences and Mechanical Engineering, May 18<sup>th</sup> -19<sup>th</sup>, 2012, East West Institute of Technology. “Hybrid Power Generator”.**
- **“Design of Stretching Unit for continuous  $\beta$ -phase PVDF film And Analysis of Piezoelectric film Sensor for Transducer Applications”** International Journal of Engineering Research and Technology (IJERT) ISSN: 2278-0181 Vol.2 Issue 12, December 2013
- **“ Characterization of Mechanical Properties of Aluminium Alloy Metal Matrix Composites”** International Journal of Engineering Research and Technology (IJERT) ISSN: 2278-0181 Vol.3 Issue 12, December 2014
- **“ Interface Heat Transfer coefficient between casting and Round Chilled Moulds During Solidification of Aluminium Alloy Casting”** International Journal of Engineering Research and Technology (IJERT) ISSN: 2278-0181 Vol.4 Issue 03, March 2015
- **" A Wear behavior of Aluminium alloy metal matrix composites"** International journal of research and innovation in applied science (IJRIAS) Vol.1 issue 09, Dec 2016

**Membership:**

- **ISTE ( Life Time) LM 74125**
- **International Association of Engineers (IAENG) (Member No: 101712)**
- **International Association of Educators and Corporate Trainers (IAECT)**

**Subject Taught:**

**Finite Elements Method, Design Of Machine Elements-1, Elements of Mechanical Engineering, Kinematics of Machines, Dynamics of Machines, Mechanical Vibrations, Computer Aided Modeling and Analysis Lab, Material Testing & Metallographic Lab**

**PERSONAL INFORMATION**

**Name** : Vishwanath M Patil

**Father' s name** : Mallikarjun  
**Date of birth** : 15<sup>th</sup> May 1984  
**Nationality** : Indian  
**Gender** : Male  
**Marital Status** : Married  
**Languages known** :

| Languages | Read | Write | Speak |
|-----------|------|-------|-------|
| English   | YES  | YES   | YES   |
| Kannada   | YES  | YES   | YES   |
| Hindi     | YES  | YES   | YES   |
| Marathi   | YES  | NO    | NO    |

**References:**

1. Dr Prasannakumar  
Former Professor & HoD Department of Metallurgical Engineering  
Indian Institute of Technology Madras  
Contact Details: +91-9740655022
2. Dr Suneelkumar.N. Kulkarni  
Professor & HOD Department of Mechanical Engineering  
Cambridge Institute of Engineering & Technology Bangalore  
Contact Details: +91-9844203368

**(Vishwanath Patil)**