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GM UNIVERSITY

P. B. Road, Davanagere – 577 006 KARNATAKA | INDIA

## GMU - Faculty & Staff Profile Templet

### Mr. Anilkumar

Assistant Professor in Department of Mechanical Engineering

#### Faculty

Faculty of Engineering and Technology

#### School / Program

Faculty of Engineering and Technology/  
B.Tech. in Mechanical and Engineering

#### Faculty Introduction (Five to Six Lines)

Mr Anilkumar is currently serving as an Assistant Professor in the Department of Mechanical Engineering at GM University, Davanagere. With a strong academic background and a commitment to excellence in teaching and research, focuses on innovative thinking and practical skills among engineering students. Areas of interest include [Engineering Materials, Additive Manufacturing and CAD/CAM/ CNC Manufacturing processes, etc.], and actively contributes to academic development through seminars, workshops, and research initiatives.

#### Qualifications

##### M. Tech. (Production Engineering and systems Technology)

UBDT College of Engineering Davangerer  
Visvesvaraya Technological University – Belagavi, Karnataka, 2014

##### BE (Industrial Production & Engineering)

UBDT College of Engineering Davangerer  
Kuvempu University, Shivamogga, 2012

#### Experience

##### Teaching

- 10 Years at GM university Davanagere Karnataka

##### Research

- Forged steel and Aluminium friction weld joint for connecting road
- Mechanical Properties Evaluation Of 3d Printed Stainless Steel Material additive Manufacturing

##### Training Program Attended

- “Atal FDP on 3D Printing” organized by IIT Dharwad, 2022.
- Advanced Mathematical Techniques in Research and Engineering (Two day workshop) Feb, 2022.



#### Contact

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Phone-8095811553

#### Websites

1. [www.linkedin.com/in/anil-kumar36](http://www.linkedin.com/in/anil-kumar36)
2. <https://scholar.google.com/citations?user=k7Xut9IAAAAJ&hl=en>
3. [https://www.researchgate.net/profile/Anil-Kumar/626?ev=hdr\\_xprf](https://www.researchgate.net/profile/Anil-Kumar/626?ev=hdr_xprf)



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- Recent Advances in IC Engines- Research and Issues.
- (AICTE-ISTE approved 6 days Induction/Refresher Program)
- Two-Day Product Design Workshop at GM University (22–23 August 2025)

### Research Interest

- Engineering Materials
- Additive Manufacturing
- Friction welding

### Publication / Patents

#### International Conference Papers:

- S G Dileepkumar, K N Bharath, B C Navven, Anilkumar “A study of reponse Parameters during EDCM on Quartz Material” IOP Conferenc: Materials Science and Engineering, 925:012011 DOI:<https://doi.org/10.1063/5.0022871>
- **International Journal Papers:**  
Anil kumar. C.G. Sreenivasa., B.V. Dharmendra and V. Manohara., “Mechanical Properties Evaluation of Eucalyptus Fiber Reinforced Epoxy Composites”. Journal for materials and environmental science J. Mater. Environ. Sci. 6 (5) (2015) 1400-1410.

### Professional Membership

- Indian Society for Technical Education. (ISTE- LM 108226)

### Awards & Recognitions

#### Recognition

- Best Faculty in 2018

### Administrative Responsibilities

- Department Level-IIC Coordinator, Lab Budget Preparation, 5s Coordinator, student Mentor and lab facility
- University Level- techno centre member for 3D Printing and 5s Circle Leader for Mechanical Engineering

### Workshops / FDPs / Seminars Attended

- Application Software for Enhanced Course Delivery 3rd October to 5th October 2024 AUTO CAD 3D 2024
- Attended one day FDP “Demonstration on mendley journal finder”2024
- Trendy Manufacturing with generative Design using fusion 360 5 day workshop jan 2022
- FDP on Manufacturing Process simulation conducted VTU Belagavi and DHIO Research and Engineering Bangalore.2021
- FDP on Design Analysis and Optimisation conducted VTU Belagavi and DHIO Research and Engineering Bangalore.2021

### Workshops / FDPs / Seminars Organized

- One day FDP on “3D Printing” for Mechanical and RA Faculties Department of Robotics & Automation, GM University 2024



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- Organised 5 days Student development program on 3D printing for GMIT Mechanical Engineering Students 2023.

### **Projects Guided**

- Topology optimization and Finet element Analysis of internal combustion engine Connecting rod
- Electromagnetic air craft launching system 2024-25.
- Mechanical Properties Evaluation of 3d Printed Stainless Steel Material 2023-24.
- Effect of friction welding condition on joining phenomena tensile strength and impact strength of friction welded joint between 6063 aluminium and en8 forged steel
- Experimental Investigation on Wear properties of B 4 C coated Stainless Steel

### **Any Other Contributions**

- Consultancy work- 3D printing for NAIN Project 2024-25.