

<b>Faculty Name</b>	<b>Prof. Ravigouda Patil</b>	
<b>Department</b>	<b>Mechanical Engineering</b>	
<b>Experience in Years</b>	<b>7 years</b>	
<b>Area of Interest</b>	<b>Polymer Reinforced Composites, Computer Integrated Manufacturing, Advance Material Process.</b>	
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### **Seminar/Workshop Attended:**

Participated in the workshop on “**RESEARCH METHODOLOGY**” held at BIET, Davangere.

Attended one day workshop on “**RESEARCH ADD-ONS**” held at BIET, Davangere.

Attended three day Faculty Development Program on "**Advance in Mechanical Engineering and Manufacturing Process**" held at CMR Institute of technology Hyderabad.

Attended five days Faculty Development Program on “**Emerging Engineering Materials**" held at Bellary Institute of Technology and Management Bellary.

### **Paper Publication:**

Published paper on ‘**Materials Today: Proceedings Journal**’ title is “Comparison between Experimental and Theoretical Thermal Conductivity on Epoxy Based Aluminium Hydroxide and Silica Aerogel Composite Materials” volume 27 issue P1 ISSN 2214-7853 (2020)

Published paper on ‘**International Research Journal of Engineering and Technology(IRJET)**’ title is “Study on Flame Retardancy, Mechanical, and Thermal Property on Epoxy Based Aluminium Hydroxide and Aerogel Composite Material” Volume: 04 Issue: 01 | Jan -2017 e-ISSN: 2395 -0056 p-ISSN: 2395-0072.

Published paper on ‘**International Journal of Mechanical Engineering**’ title is “Investigation of Mechanical and Thermal Behaviour of Aluminium Hydroxide/Epoxy Composite filled with Silica Aerogel Material” ISSN: 2348-8360 Volume 2 issue 11 November 2015.

Published paper on ‘**International Journal of Combined Research and Development**’ title is “Study on Reduction of Manufacturing Cost and Cycle Time for Shaft sleeve used in horizontal Slurry Pump”, eISSN 2321-225, Vol-2, Number 6(June-2014).

**Conference Paper:**

Presented a paper in the **International Conference on Recent Trends in Technology, Engineering and Applied Science (ICRTTEAS-2019)** title is Fire Resistance of Epoxy Based Aluminium Hydroxide and Silica Aerogel Polymer Composite Materials.

Presented a paper in the **International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2019)** title is Investigation on Experimental and Theoretical Thermal Conductivity on Epoxy Based Aluminium Hydroxide and Silica Aerogel Composite Materials.

Presented a paper in the conference [**ADMM-13**] held at RV College Bangalore.

**Internship:**

Completed Internship Training in **WEIR MINERALS PVT LTD** Bangalore from Dec 2012 July 2013.

Completed Internship Training in **KIRLOSKAR ELECTRICAL COMPANY**, Hubli.

**Projects worked on:**

1. Study on reduction of Manufacturing Cost and Cycle Time for Shaft Sleeve Used in Horizontal Slurry Pump.
2. Design and Fabrication of Plastic injection mould.
3. Factors responsible for fluctuation of industrial growth.
4. Design and fabrication of 3 in 1 testing fixture for valves