



Name in Caps: RASHMI R
Designation: Assistant Professor
Qualification: M. Tech (Ph. D.)
Email-id: (official): rashmir.mech@bmsce.ac.in
Experience: 8 years
Teaching experience: 8 Years
Date of Joining this Institution (BMSCE): 13.09.2013

Research Interests: Green Manufacturing, Advanced Materials, Advanced Manufacturing, Measurements & Metrology

About Your self

I completed my B.E degree in Industrial Engineering and Management from VTU in the year 2011 and M.Tech degree in Engineering Management from VTU in year 2013. I have currently registered for Ph.D. degree in the field of Mechanical Engineering in 2020 at NITK. I am working in department of Mechanical Engineering since year 2013. I believe in continuous learning and self-development and try to use a creative approach to solve problems. Working individually and in team, handling multiple tasks and efficient time management are few of my strengths.

Education:

Doctoral Research: Pursuing in the field of Mechanical Engineering at NITK

Masters: In Engineering Management – VTU

Bachelors: Industrial Engineering and Management – VTU

Selected Publications

Low-temperature embrittlement studies on stainless steel 304 LN TIG welds
G.D. Maruthi, N Purushotham, R Rashmi Materials Today: Proceedings 5 (1), 2891-2900 – 2018

Microstructure and elementary analysis of SS-304/434 for solar water heater application
A G Dilip Maruthi, Rashmi R, Adithya y Bangera, Shalax International journal 5 (4) – 2018

Evaluation Of Corrosion Property Of Aluminium-Zirconium Dioxide (AlZrO₂) Nanocomposites
Journal Of Chemical, M Ramachandra, G.D. Maruthi, R Rashmi Molecular, Nuclear, Materials And Metallurgical Engineering 10 (10) – 2016

Evaluation of corrosion property of Aluminium-zirconium dioxide (AlZrO₂) Nanocomposites
M Ramachandra, G.D. Maruthi, R Rashmi International Journal of Materials and Metallurgical Engineering 10 (10) -2016

Think green to drive green computing, Keerthi Galagali G Dilip Maruthi, Rashmi R International journal of research in science & engineering – 2015

Study of Slurry Erosive Wear Behavior of Titania-30 Wt% Inconel-718 Plasma Sprayed Mild Steel using Taguchi Technique
CS Ramesh, R Suresh Kumar, G Dilip Maruthi, R Rashmi Applied Mechanics and Materials 813, 111-115 – 2015

Green Manufacturing: It's Tools and Techniques that can be implemented in Manufacturing Sectors
G.D. Maruthi, R Rashmi Materials Today: Proceedings 2 (4-5), 3350-3355 – 2015

	<p>Transforming Lean Thinking principles and key tools in manufacturing sectors to maximize productivity, Rashmi R, G Dilip Maruthi and Sweekar, NCAME 2015, Department of Mechanical Engineering, KS School of Engineering and Management</p> <p>Study of dry sliding wear behavior of TiO₂-15% Inconel 718 coated on Al6061 RSK CS Ramesh, G Dilip Maruthi, Rashmi Asiatribe-2014</p>
	<p>Courses Handled/List</p> <ol style="list-style-type: none"> 1. Material Science and metallurgy 2. Foundry and Welding Technology 3. Mechanical Measurements and Metrology 4. Elements of Mechanical Engineering 5. Elements of Engineering Drawing / CAED 6. Production and Operations Management 7. Project Management & Financial Accounting 8. Organizational Behavior 9. Product design and Manufacturing 10. Computer Aided Machine Drawing <p>Labs Handled/List</p> <p>: 1. MMM Lab 2. MSM lab 3. Machine shop 4. Workshop 5. NAM Lab 6. CAED Lab 7. Computer Aided Machine Drawing Lab</p>
	<p>Additional Responsibilities</p> <ol style="list-style-type: none"> 1. ME Dept. – Part of NBA documentation for the department in 2013- 2014, 2018. 2. Graduation day – ME Dept.- coordinator- 2013,14,15 3. Mechanical Engineering association – coordinator – 2017 - till date 4. Faculty Lab – In-charge for Foundry and Sand testing – 2020 – till date 5. Member of Editorial committee for magazine making at the department level. 6. Examination related – Valuation coordinator – 2014, 15, 16, 17, 21.
	<p>Funded Project: Study of machining characteristics of micro EDM in Inconel 625 and copper, funded for INR 65, 000, TEQIP – II, BMSCE.</p> <p>Industrial Visits</p> <ul style="list-style-type: none"> ● Visited National Aerospace Laboratories, Bangalore ● Visited A.C.E. micrometric Pvt. Ltd. ● Visited ISRO, Bengaluru ● Visited DRDO, Bengaluru ● Visited CMTI, Bengaluru ● Visited Fanuc India, Bengaluru