

Faculty Profile

Brief Profile (Few Paragraphs)



Personal Information

- **Name:** GIRISHA VA
- **Designation:** Assistant Professor
- **Department:** Mechanical Engineering]
- **Email:** girishva@rvce.edu.in
- **Phone:** 08068188144

Google Scholar / ResearchGate / LinkedIn: [Link if applicable]/ **ORCID:**

<https://scholar.google.com/scholar?scilib=1&hl=en>

<https://orcid.org/0000-0003-0410-4395>

Domain of Expertise

- Tool Engineering, CNC programming, Die casting design, Plastic mould design, Product design.

Research Focus

- **Primary Area:** Tool Engineering
- **Allied Areas:**
 - Manufacturing,
 - Die castings

Academic Qualifications

- **Ph.D.:** Mechanical Engineering Discipline], VTU, 2023
- **M.Sc./M.Tech:** Tool Engineering , VTU, 1995
- **B.E./B.Tech:** Mechanical Engineering, Bangalore university, 1990

Professional Experience

Experience

S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	Government Tool room and Training center	Deputy manager	10years
2.	Bharath earth movers limited	Manager	03years
3	RVCE	Assistant professor	current

Publications & Patents

Journal Publications

V. A. Girisha, et.al., "Thermal fatigue analysis of H13 steel die adopted in pressure-diecasting process" *Sādhanā* (2019) 44:148 Indian Academy of Sciences <https://doi.org/10.1007/s12046-019-1111-3>

Maruti Bhovi¹, Prof. V A Girisha², Dr. Kirthan L J³ Optimum design parameters for effective moldability of gassensor" international research journal of engineering and technology (irjet) E-ISSN: 2395-0056, VOLUME: 06 ISSUE: 07 | JULY 2019 WWW.IRJET.NET P-ISSN: 2395-0072

"Influence of Heat Treatment on Fatigue Behavior of Aluminum Silicon Carbide Graphite Hybrid Composite" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 6 (2016) pp 4179-4183 © Research India Publications. <http://www.ripublication.com>

Chetan Prasad SundaraRaj¹ · Mahantesh M. Math¹ · V. A. Girisha¹ et.al., "Machinability Study of Multilayer Coated Tungsten Carbide Inserts Using Chemical Vapor Deposition Techniques" *J. Inst. Eng. India Ser. D* <https://doi.org/10.1007/s40033-023-00604-5>

Syed Jabiulla¹, V. A. Girisha¹ et.al., "Experimental and Numerical Evaluation of In-plane Tensile Mode Stress Intensity Factor for Edge Crack Using Empirical Formulation of Displacement Extrapolation Method" *J. Inst. Eng. India Ser. D* <https://doi.org/10.1007/s40033-024-00640-9>

Conference Papers

V. A. Girisha, et.al., "Thermal fatigue analysis of stellite coated P20 tool steel" AIP Conference Proceedings **2274**, 030012 (2020); <https://doi.org/10.1063/5.0025406> Published Online: 05 October 2020.

Student Supervision

- **M.Tech/M.Sc. Students:** 02
- **Undergraduate Research Mentees:** 04

Teaching

Core Courses: **[Current semester]**

- Manufacturing Technology
- Engineering Graphics, CNC programming

Advanced/Lab Courses:

- CNC programming, Design thinking, Material testing