Department of Mechanical Engineering
Research & Development

Objectives of Research Center:

The Department of Mechanical Engineering is actively involved in both theoretical and applied research in various areas of present and future relevance. They include multifaceted fields such as Thermal Engineering, Materials Engineering, Machine Design and Manufacturing Science & Engineering,

Goals and Objectives:

- To provide a solid theoretical and practical basis for high-quality educational research based on studies and educational processes.
- To encourage national and international collaboration with academic institutions, universities, and prominent scientific institutions.
- To promote the adoption of creative and entrepreneurial ideas.
- Involvement in a range of local and worldwide educational research projects.
- Faculty academic staff training to share educational advances with them.
- Conducting national and international conferences and organising workshops on critical educational topics.

Research Lab:

The Department is recognized as Research Centre by VTU during 2019-20. The Faculties of the Department are actively involved in research and consultancy works in the areas of Composite Materials, Fuels & Lubricants, Energy Systems Engineering and Renewable Energy.

The Research Laboratory has the following facilities:

- Basic Material Testing facilities like UTM, Fatigue testing machine, impact testing machine, wear testing machine etc are equipped to inspect the material properties for research activities.
- Analysis software's like SOLID EDGE and ANSYS are used to carry out design & analysis.
- Sufficient research related books and Internet facility.'

List of Ph. D Guides in ME RC, RIT

Serial No.	Name of Faculty	Designation	Teaching Experience	Research Experience	Industrial Experience	Total Experience

1.	**Dr. Dhananjaya D A**	**Professor & Head**	**34**	**4**	**---**	**34**
2.	**Dr. Kuldeep B**	**Associate Professor**	**9**	**6**	**-----**	**9**

List of Ph.D Pursuing Candidates in Mechanical Engineering Department, RIT, Hassan

List of Faculty: Pursuing Ph.D

Serial No.	Name of the Faculty	Research Center	Status
1	Hanoca P	MCE, Hassan	Comprehensive Viva-Voce Completed
2	Anand H R	VTU, RRC	Thesis Submitted
3	Vinay L	VTU, RRC	Comprehensive Viva-Voce Completed

List of Ph.D Scholars

Research Guide: Dr. Dhananjaya D A

Number of Research Scholars Guiding: 3

Serial No.	Name of the Faculty	Year of Registration	Research Center	Status	
1	Mr. Narayanaswamy K M	Dec-2014	RIT, Hassan	Awarded	External Scholar
2	Mr. Naveen Kumar R R	Dec-2016	RIT, Hassan	Thesis Submitted	External Scholar
3	Mr. Suchith Kumar M T	Dec-2011	VTU, RRC	Comprehensive Viva-Voce Completed	External Scholar