

## Research and Development Cell

S. No.	Name of Member	Designation	Department	Role
1	Dr. R. D. Kanphade	Principal	ENTC	Chairman
2	Dr. P. A. Patil	Professor	MECH	Convener
3	Dr. C. A. Manjare	Professor	ENTC	Member
4	Dr. S. M. Hambarde	Asso. Professor	ENTC	Member
5	Dr. P. D. Lambhate	Professor	COMP	Member
6	Dr. Sudhir Rangari	Assistant Professor	IT	Member
7	Dr. M. K. Gawali	Assistant Professor	AIDS	Member
8	Prof. N. G. Padulkar	Asso. Professor	ELECT	Member
9	Dr. P. N. Gokhale	Professor	ELECT	Member
10	Dr. P. E. Kosbe	Asso. Professor	MECH	Member
11	Dr. M. K. Gaikwad	Asso. Professor	MECH	Member
12	Dr. D. Waghole	Asso. Professor	COMP	Member
13	Dr. P. A. Kalyankar	Asso. Professor	ENTC	Secretary

- **Aims and Objectives:**

1. Foster a scientific mind-set and encourage research interest among learners, guiding them to develop research skills
2. Align research activities with the vision and mission of the college, enabling student and faculty participation in research endeavours.
3. Encourage research that addresses societal needs and promotes interdisciplinary collaboration across different fields.
4. Encourage faculty in seamlessly integrating research projects into the regular curriculum, enhancing the learning experience.
5. Promote joint research projects involving multiple disciplines and external partners, both academic and non-academic.
6. Strengthen partnerships with national and international institutions, industry, government bodies, and research organizations to expand research opportunities and access funding.
7. Promote the publication of research outcomes in reputed academic journals, fostering academic recognition and dissemination of knowledge.
8. Create awareness amongst the academic community on patents and IPR.

## **Research Policy**

Institute research policy encourage high-quality, impactful research. To promote interdisciplinary research and to create opportunities for students and faculty to engage in research and development. It also builds partnerships with industry, government, and other academic institutions. Institute also encourages guaranteeing research ethics, compliance with regulations, and research integrity.

The institution has a Research Committee (RC) to oversee and guide research activities. The RC will be responsible for approving research proposals, setting research priorities in alignment with the institution's goals, facilitating funding opportunities for research projects and ensuring ethical standards are maintained. The committee consists of senior faculty members, researchers, and external experts.

### **➤ Research Areas**

The institute focuses on key areas of Mechanical, Electrical, Computer, Artificial Intelligence and Data Science, Social and Environmental Sustainability. Research efforts should align with national and global engineering challenges, and interdisciplinary research is strongly encouraged.

### **➤ Research Funding**

The institute provides seed grants for faculty and students to initiate research projects. Funding could be used for materials, equipment, conferences, and publication costs. Faculty members are encouraged to apply for external research grants from government agencies, industry partners, and research organizations. The institute will continuously upgrade laboratory facilities, provide access to digital libraries and databases, and offer necessary tools to support research activities.

### **➤ Research Collaboration**

The institute is having collaboration with industries to solve real-world engineering problems and provide students with practical research experience. Industry-sponsored research projects will be encouraged. Institute also fosters partnerships with other universities, research centres, and academic institutions for joint research and faculty exchange programs. The institute always encourages participation in international research projects, conferences, and exchanges to foster global exposure.

### **➤ Research Promotion**

Offer financial incentives, recognition, and career advancement opportunities for faculty members who contribute significantly to research outputs, including publications in peer-reviewed journals, patents, and successful research collaborations. Encourage faculty and students to publish their research in reputed journals, present papers at conferences, and contribute to the intellectual property of the institution. Facilitate interdisciplinary and collaborative research both within the institution and with external research organizations, industries, and academic partners.

Organize workshops, seminars, and training programs on research methodologies, writing research proposals, grant application processes, and intellectual property management.

### ➤ **Research Ethics**

All research activities at the institute are adhering to the highest ethical standards, including honesty, transparency, and accountability. The college will use plagiarism detection tools to ensure originality in research publications. Researchers are educated on intellectual property rights, and the college provides guidance on patenting inventions and protecting research outcomes.