

**CSMSS****Chhatrapati Shahu Maharaj Shikshan Sanstha's
CHH. SHAHU COLLEGE OF ENGINEERING**

Kanchanwadi, Paithan Road, Chhatrapati Sambhajinagar 431 011
Ph. No. : (0240) 2646373, 9922668199, 2646350 Fax: (0240) 2646222
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Approved by AICTE New Delhi, DTE (Govt. of Maharashtra) and affiliated to Dr. BATU, Lonere (Raigad). DTE Code: 2533

Ref. No.: CSMSS/CSCOE/R&DC/2026-27/03**Date : 24-August-2026****NOTICE****Research & Development Cell****Subject: Implementation of R&D Activities**

All Academic Departments are hereby informed that the Research & Development (R&D) Cell requests each department to plan, select, and implement two (02) R&D-related activities during the Academic Year 2026-27, with one activity to be conducted in each semester.

The activities should be aligned with the respective department's academic and research objectives and should contribute to strengthening the overall research, innovation, and development environment of the Institute. It is mandatory that at least one of the two activities should be related to innovative research, innovation, or a Student Project/Innovation Competition. All Departmental R&D Coordinators are requested to:

1. Select any two suitable activities from the list of possible R&D activities (Refer Encl. Possible list of Activities) provided.
2. Ensure that at least one selected activity is related to innovative research, innovation, or a Student Project Competition.
3. Finalize the probable date of execution for each activity.
4. Submit the selected activities along with their proposed dates to the Director, R&D Cell on or before 28-08-2026.
5. Ensure that the activities are properly planned, executed, documented, and completed within the specified timeframe during the respective semesters.
6. Submit a detailed activity report in both soft and hard copy to the R&D Cell immediately after completion of each activity.

All departments are requested to plan and execute the activities effectively and submit the required documentation within the stipulated time. Kindly refer to the following indicative list of possible R&D activities for planning and selection.

yubhosale
R&D Cell

24/08/2026
Vice Principal



[Signature]
Principal

Attachment: Possible list of Activities

Copy to: AI&DS *[Signature]* Civil Engg. *[Signature]* CS&E *[Signature]* Electrical *[Signature]*
 E&C(ACT) *[Signature]* E&CE *[Signature]* EE-VLSI *[Signature]* Mech. Engg. *[Signature]* S&H *[Signature]*
 OFFICE *[Signature]* : Registrar : *[Signature]*



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Possible R&D Activities

1. Workshops and Training Programs

- Organize workshops and training sessions on emerging technologies, research methodologies, and advanced tools related to research and development.
- Invite industry experts, researchers, or academic professionals to share insights and best practices.

2. Collaborative Research Projects

- Initiate collaborative research projects with other departments or external partners such as universities, research institutions, and industries.
- Focus on practical problem-solving and innovative solutions.

3. Innovation Competitions

- Organize internal innovation competitions where student and faculty teams can propose and develop innovative ideas, products, or solutions.
- Provide recognition and incentives to encourage creativity and knowledge sharing.

4. Literature Review and Research Paper Development

- Encourage faculty members and students to conduct comprehensive literature reviews in emerging research areas.
- Conduct activities related to research paper writing, publication, and conference presentations.

5. Technology Scouting and Trend Analysis

- Monitor and analyze emerging technologies and current research trends.
- Organize seminars, webinars, or expert sessions on new technologies and their potential applications.

6. Prototype Development and Testing

- Facilitate the development of prototypes for innovative products or solutions.
- Conduct experiments and performance testing to evaluate feasibility and effectiveness.

7. Research Presentations and Knowledge Sharing

- Organize research presentations, meetings, and technical sessions for sharing research findings, project progress, and challenges.
- Promote interdisciplinary knowledge sharing and collaboration.

8. R&D Infrastructure and Tool Development

- Develop or upgrade research infrastructure, laboratories, software, specialized tools.
- Encourage the development of in-house research tools and software.

9. External Collaborations and Funding

- Explore opportunities for research grants and external funding.
- Establish collaborations with industries, universities, research organizations, and other stakeholders.

10. Research Impact Assessment

- Develop mechanisms to assess the impact and outcomes of R&D activities.
- Evaluate outcomes such as research publications, patents, products, prototypes, innovations, and societal or industrial impact.

11. Student Project Competition

- Organize department-level or interdepartmental project and innovation competitions.
- Encourage students to develop innovative, research-oriented, and socially relevant projects.

12. Research Article Writing



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- Conduct training or guidance sessions on writing high-quality research articles.
- Cover journal selection, manuscript preparation, research ethics, publication practices.
- 13. Hands-on LaTeX Training**
 - Organize practical training sessions on LaTeX for preparing research papers, theses, technical reports, and presentations.
- 14. How to Conduct a Literature Review**
 - Conduct workshops or training sessions on systematic literature review, identifying research gaps, using research databases, and organizing references.
- 15. Awareness Sessions on Intellectual Property Rights (IPR) and Patent Filing**
 - Organize awareness programs on patents, copyrights, trademarks, design rights, and intellectual property protection.
 - Conduct guidance sessions on identifying patentable innovations, conducting patent searches, preparing patent specifications, and filing patent applications.

All Departmental R&D Coordinators are requested to treat this matter as important and ensure timely submission and execution of the planned activities.

Research & Development Cell