

KINGS

ENGINEERING COLLEGE

An Autonomous Institution

Affiliated to Anna University, Chennai



RESEARCH POLICY

As per the Approval of Governing Council
(Updated in 2025)

Department of Research and Development Cell

The Research and Development Cell plays a vital role in enhancing the academic excellence, innovation culture and global recognition of the institution. The policy aims to encourage quality research, interdisciplinary collaboration, consultancy, innovation, publications, funded projects and professional development among faculty members and students.

Objectives:

- To create a strong research environment within the institution.
- To motivate faculty members and students towards quality research and innovation.
- To promote interdisciplinary and industry-oriented research activities.
- To improve research publications, patents, funded projects, and consultancy activities.
- To strengthen the institution's ranking and academic reputation.

1. Promotion of Research Culture

The institution shall identify faculty members with strong passion and interest in research activities and encourage them to actively participate in research-oriented work. Faculty members shall be motivated to undertake analytical, experimental, simulation-based, and interdisciplinary research activities in emerging areas of science, engineering, and technology. The institution believes that a vibrant research culture can significantly contribute to academic excellence and innovation.

Faculty members and students shall be encouraged to continuously upgrade their knowledge and research skills through active participation in workshops, seminars, faculty development programmes, conferences, and guest lectures related to research methodology and advanced technologies. Such initiatives will enhance the quality and scope of research activities carried out within the campus.

2. Research Infrastructure and Facilities

The institution shall provide adequate research infrastructure and facilities required for carrying out quality research activities. Departments shall establish advanced laboratories and research facilities in emerging areas to support interdisciplinary and multidisciplinary

research initiatives. The institution shall continuously strengthen its research ecosystem through modernization of laboratory equipment, software tools, and technical resources.

To facilitate effective literature survey and research development, the institution shall provide access to digital library facilities and reputed e-journal databases such as IEEE, IET, Elsevier, Springer Nature, and other scholarly resources. These facilities shall enable researchers to identify unexplored research gaps and contribute innovative solutions to societal and industrial problems.

3. Collaborative and Industry-Oriented Research

The institution encourages collaborative research activities with industries, research organizations, universities, and national laboratories. Faculty members shall be motivated to undertake industry-oriented research that addresses practical challenges and contributes to technological advancements. Interdisciplinary collaboration among departments shall also be encouraged to solve complex and emerging research problems effectively.

Faculty members may be permitted to participate in national and international conferences conducted by premier institutions such as IITs, NITs, Central Universities, and reputed research organizations. Participation in such academic forums provides opportunities for interaction with globally recognized researchers, thereby improving the quality, visibility, and impact of research activities undertaken by the institution.

4. Consultancy and Revenue Generation

The institution recognizes consultancy as an important extension of research activities. Faculty members shall be encouraged to undertake consultancy services utilizing the available expertise and research facilities of the institution. Consultancy activities may be carried out for industries, external organizations, faculty members, scholars, and students.

Revenue generated through consultancy activities shall contribute to institutional development and research enhancement. A portion of the consultancy revenue may also be shared with the faculty members involved in providing consultancy services, as per institutional norms and management approval.

5. Research Responsibilities of Faculty Members

Faculty members shall actively engage in research publications, patent filing, funded projects, consultancy work, and collaborative research activities. Faculty members pursuing research work may be granted On-Duty (OD) permission for activities such as experimentation, testing, simulations, discussions, and interpretation of research findings.

Faculty members possessing Ph.D. qualifications shall be encouraged to apply for Research Supervisor Recognition from Anna University. In addition, departments shall strive to obtain Research Centre recognition from the Centre for Research, Anna University, thereby strengthening the institutional research ecosystem and enhancing research output.

6. Publication and Patent Policy

The institution encourages faculty members and students to publish their research contributions in reputed SCI, SCI-E, and Scopus indexed journals. Faculty members are also encouraged to publish patents, copyrights, books, book chapters, and conference proceedings in recognized platforms.

Professors shall publish a minimum of two papers annually in SCI/SCI-E indexed journals. Associate Professors shall publish two papers annually, including one SCI indexed and one Scopus indexed journal paper. Assistant Professors shall publish at least one paper annually in either SCI or Scopus indexed journals.

Final-year students shall also be encouraged to publish their project work through patents, journal publications, or presentations in international conferences, thereby improving the institution's innovation and research culture.

7. Funded Research Projects

Faculty members shall be encouraged to submit research proposals to various government and non-government funding agencies. Professors shall submit a minimum of two project proposals annually, while Associate Professors and Assistant Professors shall submit at least one project proposal every year.

The institution may provide seed funding support to aspiring researchers for innovative research initiatives and pilot projects. Incentives may also be provided to Principal

Investigators (PI) and Co-Principal Investigators (Co-PI) for funded projects sanctioned by recognized funding agencies.

8. Research Scholars and Ph.D. Programmes

The institution shall promote research scholar registration under recognized faculty supervisors to enhance institutional research productivity and scholarly output. Full-time Ph.D. scholars may be provided stipend support for a period of three years as per institutional norms and management approval.

Research scholars may also be assigned laboratory workload up to ten hours per week. Faculty supervisors shall guide research scholars towards consistent publication in SCI and Scopus indexed journals, thereby contributing to the institution's academic reputation and ranking performance.

9. Research Monitoring and Evaluation

A Research Monitoring Committee headed by the Dean (Research) shall periodically review the progress of research activities carried out by faculty members and departments. The committee shall monitor research publications, funded projects, consultancy activities, patents, and proposal submissions on a regular basis.

Monthly review reports may be submitted to the management to evaluate research performance and to ensure continuous improvement in research productivity and institutional outcomes.

10. Faculty Career Advancement and Incentives

The institution recognizes research performance as an important criterion for faculty career advancement and professional growth. Faculty promotions may be considered based on research publications, funded projects, patents, conference organization, keynote addresses, editorial board memberships, and consultancy contributions.

The institution may also provide incentives to faculty members for research publications, patents, funded projects, consultancy work, and other outstanding research achievements. Incentives may be provided to first authors, second authors, corresponding authors, Principal Investigators, and Co-Principal Investigators as per institutional norms.

11. Sabbatical Leave and Professional Development

Faculty members interested in pursuing higher education, doctoral research, post-doctoral fellowship programmes, or advanced collaborative research may be granted sabbatical leave subject to institutional regulations and management approval. Such opportunities shall support faculty development and improve the overall research capabilities of the institution.

12. Research Ethics and Academic Integrity

The institution is committed to maintaining the highest standards of research ethics and academic integrity. Faculty members, research scholars, and students shall ensure originality and authenticity in all research activities, publications, thesis work, and project reports.

Plagiarism and unethical research practices shall not be tolerated under any circumstances. All researchers shall strictly adhere to ethical guidelines, proper citation practices, and institutional research standards while conducting scholarly activities.



**KINGS ENGINEERING COLLEGE
IRUNGATUKOTTAI, CHENNAI.**

Phone: 04471224400, Fax: 71224410

Website: www.kingsedu.ac.in