

Research Policy of Saintgits College of Engineering

Saintgits College of Engineering recognizes that research is a key pillar of academic excellence. Research is essential to the teaching-learning process, and is not merely an activity supplementary to teaching. The college aims to create and support a research culture for developing and promoting scientific temper and research aptitude among its teachers and students. It has formulated clear plans to transform the institution to a research-based institution of higher education, to develop robust research programmes, and to incorporate research elements in both undergraduate and post graduate studies. Teaching blended with research enriches the students, faculty and the institution in several ways.

1. Teachers who engage in research activities can integrate their knowledge and experience in the classroom: an instructor can challenge students to grapple with fundamental questions and problems as researchers do. In such an environment, students show more interest in their coursework and better confidence in their teachers.
2. Instilling a research culture creates an institutional ecosystem which promotes innovation, greater aspirations, and a seriousness of the purpose and goal.
3. A research ecosystem can attract support from government, industry, and private sources
4. Research requires physical and digital infrastructure, including modern equipments, advanced software tools, access to online resources etc.
5. Robust research programmes open up possibilities for collaboration - national and international. This creates opportunities to connect with the industry which are very important for the students before they enter the practice of engineering in the industry.

To facilitate and support realization of the above goals, Saintgits College of Engineering has taken several steps which are listed below.

1. Ph.D. programme in Engineering, Mathematics, Science, Humanities and Management
2. Research seed money to kick start research activities for budding faculty researchers
3. Encourage preparation and submission of research proposals for funding
4. Financial support to cover cost of research-related equipment, consumables and accessories
5. Financial support to cover cost of research-related testing and analysis
6. Financial support to cover cost of research-related travel

7. Financial support to participate in conferences, symposia, colloquia, workshopsheld in India and abroad
8. Financial support to organize national and international conferences at Saintgits College of Engineering.
9. Research leave (30 days) for off-campus part time Ph.D. scholars.
10. Research leaves for three years for off-campus full time Ph.D. scholars
11. Sabbatical leave up to one year for collaborative research at other institutions/industry
12. Research leaves for attending conferences, seminars, symposia and workshops
13. Consultancy allowance for internal part-time Ph.D. scholars for six months
14. Cash incentives for publishing research/review papers in reputed SCI/SCOPUS-indexed journals /booksand book chapters
15. JRF/SRF schemes to support execution of funded research projects
16. Financial aid, legal support and advice to file Indian and international patents
17. One-time incentive after each successful Ph.D. open defense
18. One time incentive to Ph.D. Research Supervisors for each successful Ph.D.guided.
19. Yearly Research grantfor facultyto continue research activities after completion of Ph.D.
20. Financial support to invite/ arrange guest lectures by leading subject experts
21. Mentor assistance to qualify faculty members in Ph.D. entrance examination
22. Institutional access to online journal depositories.
23. Unlimited free-of-cost access to plagiarism checker software tools (Ex. TURNITIN)
24. Exclusive fully dedicated work space for external Ph.D. research candidates/JRF/SRF
25. Exclusive department-centric research laboratories, accessible 24h
26. Campus license for ANSYS, MATLAB, Solidworks, PSCAD, ETAP, PLAXIS, Cadence and other advanced software tools
27. Institutional membership ofprofessional bodies
28. Membership of professional bodies to students fully paid by the college
29. Financial support to travel abroad for researchcollaborations.