



Sri SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi

Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution

Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



RESEARCH & DEVELOPMENT

Policy for promotion of Research:

Preamble

One of the important limbs of any Engineering College is research. Research is performed to understand the scientific mysteries, to fathom the truths hidden in nature, to develop methods to solve certain specific problems; to invent new devices that make life easy and to meet more such objectives.

Research in any engineering should reflect the intellectual strength of the University, its response towards the problems in the vicinity of the college and vision of the college. For a successful progress of the institute, it has to focus on both academics and research.

Research includes scientific experiments, projects, publications, intellectual assets, collaborations and such allied activities.

Sri Sai Ram Institute of Technology was established in 2008 in rural setup of kancheepuram Dist., with a vision to provide quality education to the rural students. True to the vision of the Institute, it has been successful in providing good quality education in Engineering, and management subjects. Grown for a decade, the college has put sincere efforts in promoting quality research along with academics. The Institute has set itself, very high expectations in the domain of research.

The promotional initiatives of SSIT include capacity building in terms of human resources and facilities, encouragement and incentives to faculty to carryout research, organization of conferences and workshops to disseminate the new knowledge, and a strong doctoral program for award of Ph.D on completion of quality research work.

These different activities and initiatives over the last one decade are consolidated to prepare this Policy of SSIT on Promotion of Research & Innovation, Consultancy & Extension Services.



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Objectives

- Place our institute among leading Institutes in research and development
- Create a conducive atmosphere for Research with simplified and encouraging policies with adequate infrastructure.
- Undertake locally relevant problems and find suitable technical solutions.
- Bridge the gap between industry and the University by promoting collaborative Research Projects and consultancy.

Policy

SSIT R&D creates, builds, and sustains the research and innovative environment through the following policies:-

- Enable and encourage researchers to take up funded Projects involving technology development and inter disciplinary research work through research cluster concept.
- Resource mobilization to carryout various research activities through budget allocations and by attracting research grants through funding agencies.
- Establish specialized labs and Centres of Excellence with appropriate equipment, tools and software.
- Capacity building through human resource development to reach a critical mass level for quality research.
- Provide incentives, and waivers from the academic and administrative activities to the potential faculty researchers.
- Factor the research excellence into career promotion opportunities to the faculty.
- Special incentives for researchers and faculty for achieving State, National and International recognitions / awards.
- Encourage and enable publication of research work through papers / articles in quality journals, International conferences, National conferences and Workshops.
- Encourage participation of researchers and faculty in international, national conferences through appropriate grants and funds.

- Encourage organizing international and national conferences in the Institute to generate new ideas and concepts, and to network experts in relevant domains.

Create a strong doctoral programs leading to award of Ph.D in different disciplines of Science, Engineering and Management.

- Encourage fulltime research scholars through financial assistance and scholarships.
- Encourage the researchers to file applications for patents in the case of novel process and product development, and to encourage the same through sharing of Intellectual Property Rights.
- Create technology and Technology business incubation centres to enable start up companies to evolve.
- Encourage the researchers through incentives to take up and successfully complete Projects.
- Provide seed money for initial development of concepts into viable proposal and activities.
- Identify and carryout research on the latest industry / technology problems.
- Carryout applied and inter-disciplinary research in focused areas in collaboration with relevant industries.
- Work with local communities to identify the urgent and real life problems which can be solved by induction and adoption of technologies.
- Identify and focus on the challenges in the rural environment and occupations, and to carryout research on the relevant problems.
- Offer specialized University facilities and labs, and expertise to the Organisations and Industries as consultancy service.
- Maintain highest standards of ethics in the research activities, and utilization of research outputs.



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Implementation:

SSIT R&D will implement and monitor the above policies through the following mechanisms:-

- Institute Research Committee
- Office of Dean, Research and Development
- Research Monitoring Coordinators
- Research Guides
- Doctoral Committees
- Core Research faculty team
- Through competitions and selections, where applicable.