

SATHYABAMA

INSTITUTE OF SCIENCE AND
TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

POLICY FOR PROMOTION OF RESEARCH



S. Jee



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POLICY FOR PROMOTION OF RESEARCH

1 PREAMBLE

Sathyabama Institute of Science and Technology is an Institution that is committed to the promotion of quality research, innovation, and entrepreneurship. Research and development activities creates and disseminates knowledge which motivates better learning and teaching among faculties and students at our university as these are often incorporated in the courses.

2 OBJECTIVES OF THE POLICY

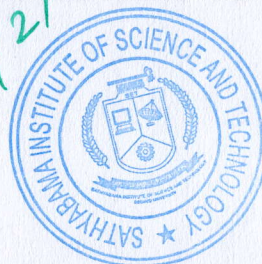
- To instill a research culture and establish research promoting environment in the Institution
- To provide required support through appropriate research guidelines.
- Ensure quality publications in science citation indexed journals with good impact factor.
- To nurture societal based research which will focus on products and processes for commercialization.
- To establish Centers of Excellence in thrust areas of research.
- To enhance the research of the University by effective dissemination of research outcomes, maximizing the impact and recognition of research done at Sathyabama at National and International level.

3 EXTENT AND APPLICABILITY

This policy shall apply to

- i. All faculty including permanent, probationary, and Adjunct, who are active in teaching, research, and administration.
- ii. All students studying in the Institution.
- iii. All external experts- mentors, guides and sponsors associated with any of the research activities of the Institution.

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4 ACADEMIC RESEARCH

- i. All faculty members shall conduct research in the thrust areas of research.
- ii. Faculty members shall regularly publish research articles in refereed journals and in SCI indexed journals with high impact factor. They are appreciated and encouraged with appropriate incentives.
- iii. All publications shall be original complying with the publication ethics.
- iv. Full time research scholars are provided with Institute Research fellowships.
- v. Students' project shall lead to research publications in a journal indexed in SCOPUS or WEB of SCIENCE.
- vi. Faculty shall be provided opportunity to pursue research work in reputed national, international institutions & Research Laboratories, leading to a PhD degree.
- vii. Research Scholars shall be awarded for their outstanding contributions based on the impact of research and impact on society.
- viii. Sabbatical may be provided to faculty members who wish to pursue post-doctoral research in International Universities.

5 SPONSORED RESEARCH

- a) Faculty members shall identify inter-disciplinary research in their chosen field of research. The faculty of all the departments of the university shall tie-up with industries and corporate bodies to undertake funded research in emerging areas and industry relevant areas.
- b) Every faculty member with doctorate shall apply for projects funded by National/International agencies
- c) Every faculty member in the professor cadre shall have a minimum of one Government funded project.
- d) The Institution shall provide the basic infrastructure required to conduct either internal funded or external funded research.
- e) Faculty members can take up joint research projects/consultancy collaborating with the industry/Universities/research organisations at national and International level. They can undertake consultancy projects to solve the needs of Industry and research organizations.
- f) Faculty Members can Collaborate in Joint Research Projects which can lead to outcomes including Joint Publications, Joint Patents, Joint Technology Transfer etc.
- g) Researchers from the collaborating Institutions can claim joint ownership for the Intellectual Properties.
- h) The Institution which contributes to the major part of the research work can claim primary authorship in publications.



6 RESEARCH ADDRESSING SOCIETAL ISSUES

- a) Faculty members and students will be encouraged to do research focusing on providing solutions to the problems of the society. Research addressing the Sustainable Development Goals (SDGs) including eradicating poverty and hunger, developing good health and well-being, creating access to clean and affordable energy, combating climate change, reducing economic inequalities, promoting gender equality, and developing sustainable community will be given high priority.
- b) Faculty and students will be encouraged to involve in research to provide technological solutions to the problems of the nearby community and villages.

7 RESEARCH INFRASTRUCTURE DEVELOPMENT

1. The Institution shall strengthen the research infrastructure from time to time, based on the requirements.
2. The Institution shall allocate adequate funds as a percentage of its income based on research needs for the development of research Infrastructure.
3. The request for Purchase of an equipment for executing a project, upgrading the existing facility etc shall be submitted for approval before the Research Advisory committee.
4. The Research advisory committee shall review the proposals submitted for purchase and shall forward the recommendations to the management.

8 INCENTIVES FOR OUTSTANDING RESEARCH

- Awards are instituted to motivate academic and research faculty for their outstanding performance in research.
- Recognition and rewards are given to those faculty who have key Projects, patents, and publications.

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9 SEED FUND

To promote a culture of research and innovation among faculty and students, University provides seed fund support. Innovative ideas that provide solutions to the societal problems in the areas such as Agriculture, Healthcare, Energy and Waste Management will be funded by the institution.

9.1 Eligibility for Seed Grant:

A Faculty member who is working full time is eligible to apply for the seed fund.

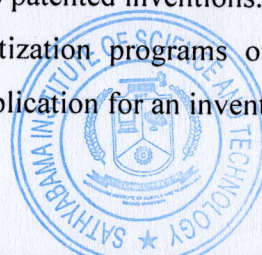
- A full-time regular student can apply for the seed fund.
- Student can apply as an individual or as a team and should have a faculty member as a mentor while applying.
- Faculty is solely responsible for receiving and dissemination of funds.

9.2 Guidelines for Grant of Seed Fund

- The Experts Advisory Committee (EAC) chaired by the Vce Chancellor shall evaluate the proposals based on need, feasibility, potential impact, novelty, uniqueness, technology type, market research, outreach and commercialization. A grant of up to Rs. 10 Lakhs will be released to the selected innovator in a milestone-based in a two (or) more instalments.
- Innovators shall use the grant only for project execution purposes and shall not use the grant for facility creation or any other expenses.
- The instalments shall be released to the innovators upon submission of proof of achievement of milestones as mentioned in the grant agreement.
- If the innovator has not utilized the funds in the given time line, the innovator will not be eligible for any further support. The Institution holds the rights to recover or terminate the financial support.
- The innovators are also expected to provide networking with investors and opportunities for showcasing at various national and international events.

10 SUPPORT FOR PROTECTION OF INTELLECTUAL PROPERTY

- a) All innovative projects of faculty and students shall be converted into products. Institution shall provide required support to translate ideas into patented inventions.
- b) IPR Cell of the Institution shall organize sensitization programs on IPR to spread awareness on the importance of filing the patent application for an invention.



11 RESEARCH COMMITTEE

A Research Advisory Committee is constituted to review the research and development activities of the Institution. Research Forums are conducted for knowledge sharing on thrust areas of research.

11.1 Constitution of Research Advisory Committee

Research Advisory Committee shall comprise of

1. Vice Chancellor- the Chairperson
2. Director, Research- the Member Secretary
3. Five senior faculty members as nominated by the Chairperson

The committee shall meet at least twice a year. The Chairperson shall convene an adhoc meeting, whenever required. Every major research oriented activity and its progress shall be brought to the knowledge of the Research Advisory Committee.

In addition to this, for Good Laboratory Practice and to adhere to the regulatory and ethical aspects in Science, Bio engineering and clinical research, Institutional Biosafety Committee (IBSC), Institutional Animal Ethical Committee (IAEC) and Institutional Human Ethical Committee (IHEC) as approved by Govt. of India meet at regular intervals.

12 REVIEW OF THE POLICY

The policy will be reviewed after a period of two years.

