



## AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY (AUTONOMOUS)

Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK, Kakinada,  
Recognized by UGC under 2(f) & 12(B) of 1956 Act.,  
ISO 9001:2015 Certified Institution, Accredited by NAAC "A" Grade,  
Paritala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.  
www.amritasai.edu.in, Phone: 0866 2428399.



### **Research and Development Cell**

The research and development cell was established in the year 2017 to promote research activities of the faculty members, scholars and students of the college. The R&D cell was setup with the objectives of developing the strategic plan for scientific and technology research ensuring the implementation of such plan.

The R&D cell comprises of faculty members from various departments of the Institute. This committee oversees the smooth and efficient coordination of research and development activities in the Institute, thus fostering overall growth. A senior faculty heads this cell in the capacity of Director (R&D), with the principal presiding over.

In all disciplines of technical education, knowledge is dynamic with new technologies being introduced very frequently. In this scenario, it is not possible for the teachers to deliver good quality instructions without being tuned to the current developments in the subjects, for which they must constantly update their knowledge.

A well-recognized way to deal with this paradigm is for the teachers to be active researchers in the areas in which they interested. As researchers, they need to understand the past and recent developments in their subject areas.

The research activities include supervision, execution of new research, interdisciplinary and multidisciplinary research, academic research collaboration with national and international institution/ Universities, Government/ private industry, government funded/ private funded projects that results in the development of new or existing products, process or projects, there by publication, IPR and transfer of technology.



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### **Research Promotion Policy**

Amrita Sai Institute of Science and Technology provides a good environment for research supported by its independent library resources concerning books from several International and National authors and a computer lab with an internet facility. The institute has a well-defined policy for the promotion of research.

Every year each faculty member is given a target to publish at least 3 research papers in UGC-recognized journals. Further teachers are encouraged to apply for research projects from different funding agencies of the government. Teachers are also encouraged to conduct joint research with scholars from other Universities.

Participation in academic conferences and seminars is also a part of the policy of promotion of research. The Institute frequently interacts with the stakeholders of the Tourism and Hospitality Industry to get input on the required areas of the trade that need research. Accordingly, research topics are selected for investigation so that the results of the research can be valuable and of utility both to the government and the industry.

The faculty members are also encouraged to keep their research methodology concepts updated by regularly participating in research methodology workshops organized by the Universities. The Institute makes it mandatory for the students to publish research work, participate in seminars and conferences and carry out field studies.



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### Objectives of Research and Development Cell

- ❖ Integrate research and education.
- ❖ Enable faculty members and students to transform the knowledge into research by adding incremental improvement to develop product so as to improve lifestyle of people.
- ❖ Promote research potential of faculty members with their innovative ideas.
- ❖ Generation of patents and IPRs.
- ❖ Ethics committee under Director R&D to Check Malpractices and Plagiarism in Research.

### Seed Money for Faculty Members

A grant of the research seed money of Rs.3 Lakhs is given to the full-time faculty Members of Amrita Sai, who have submitted project proposals for funding and Waiting for the sanction of grant.

The call for research proposals would be made by Director, Sponsored Research In the December month every year.

All proposals received would be evaluated for their quality by a committee Headed by Director, Research and recommend to the Principal. After approval in the governing body applicants will receive the seed Grant.

The Project period is one year from the date of sanction and is expected to be conducted by the faculty member himself or herself. Hence no additional manpower would be supported in the Grant.

It is expected that the grantee shall submit the report of the research done Director, Research.



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### **Research Committee:**

The Research Committee of Amrita Sai Engineering College of Science and Technology is committed towards enhancing the research profile of the institution. For this purpose, the committee constantly endeavours to encourage, enable and promote research environment in college through its various programs, workshops and seminars for faculty members as well as students.

A major objective of the research committee in colleges is to promote research in order to help the teachers in upgrading the pedagogies, teaching content and upgrading the course contents i. e., to facilitate research in a manner where it supplements and consolidates the teaching-learning process. Various research activities are geared towards motivating teachers to identify and engage with emerging fields of enquiries in different disciplines so that students can be equipped to choose their future areas of study and research for pursuing higher education.

The research committee also helps the teachers in strengthening their own research skills and working towards discovery of new ideas and concepts, for this purpose the committee organizes methodology workshops, training sessions and talks and seminars.

Promotion of newer ideas and research helps the development of college as a more inclusive, participatory and democratic space. It also helps in development of research aptitude of students. Further, it motivates students to develop an attitude of openness for accepting newer ideas.

### **Members of the Committee:**

The Principal (Chairman)

One professor to be nominated by the Principal of the college

Two Associate professors of the college

One Assistant professor of the college who was pursuing Ph.D



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**Plagiarism Checker:**

1. Each and every research work or academic copyrights shall go through the Amrita Sai college plagiarism detection cell which will be done through open access plagiarism check links.
2. Any Project, Patents, or any other such documents submitted by the students, scholars or faculty members to the Higher Education Institution shall submit an undertaking indicating that the document has been prepared by him or her and that the document is his/her original work and free of any plagiarism.