

Research & Development Cell (RDC)

Introduction

Annamacharya Institute of Technology & Sciences, Tirupati has promoted meaningful, scientific and industrial R&D activities with the vision and mission of pursuing and promoting research in frontier technologies as well as the various disciplines of Engineering, Science, Humanities, and Management. The RDC aims to reach the Vision and Mission of the college by encouraging the students and faculty to undertake the research in newly emerging frontier areas and multidisciplinary fields. The organizational structure of RDC consists of various committees to facilitate and monitor research activities.

Vision

To put in place a robust mechanism for developing and strengthening the research ecosystem within Institution, aligned with the provisions of NEP-2020.

Mission

- To create a conducive environment for enhanced research productivity.
- To encourage collaboration across industry, government, community-based organizations, and agencies at the local, national, and international levels.
- To facilitate greater access to research through mobilization of resources and funding

Objectives

- To create an organizational structure with role-based functions of RDC, formulate Research Policy for AITS, identify thrust areas of research, and form related cluster groups/ frontline teams/consortia of researchers.
- To create enabling provisions in Research Policies for recruitment of research personnel, procurement of equipment, and financial management with adequate autonomy to the Principal Investigator(s) and disseminate research outcomes to stakeholders and the public at large.
- To establish a special purpose vehicle to promote researchers and innovators, identify potential collaborators from industry, research organizations, academic institutions & other stakeholders for cooperation and synergistic partnerships.

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- To provide seed money grant to the faculty members each academic year for carrying out research projects and encouraging them to perform outcome based research. The provision of seed money grant is for the maximum period of two years, accounting to the grant of Rs.1Lakh (50,000/per year). A maximum of 10 research projects would be funded every year with effect from September 2021.
- To act as a liaison between researchers & relevant research funding agencies, extend guidance in preparation & submission of project proposals and post-sanctioning of the grants to oversee adherence to timelines.
- To have better coordination among other cells/centers dealing with Institute-Industry Linkage, Incubation, Innovation and Entrepreneurship Development and Intellectual Property Rights (IPR).
- To develop an Institutional Research Information System for sharing the status of ongoing/ completed research projects/Programmes, expertise & resources, etc., making effective use of Information & Communication Technology (ICT) for preparing the database of in-house experts to provide industrial consultancy and services.
- To engage & utilize the services of superannuated active faculty/scientists in research capacity building of talented young minds and promote mobility of researchers across institutions and R&D Labs.
- To serve as nodal center for ideation and conceptualization of research topics/themes by organizing workshops and training programs and ensuring the integrity and ethical practices in research activities.

Roles and Responsibilities of RDC:

1. To enhance the Research Ecosystem of the college
2. To promote Academic Research in the college with Faculty and students
3. To preserve the Code of ethics of the college while publishing
4. To help the faculty in applying for funds in the form of Sponsored research / Grants from government and non government agencies
5. To pave the path for the teachers, students and researchers to collaborate for research


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