

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi *, Permanently Affiliated to NTUK, Kakinada)

Accredited by NBA, Accredited by NAAC A+ with CGPA of 3.4

Recognized by UGC under section 2(f) and 12(B) of UGC Act,1956

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National Innovation and Startup Policy (NISP) -2022 for Students and Faculty

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Abstract

National Innovation and Startup Policy (NISP) -2022 for Students and Faculty

A Guiding Framework for Innovation and Research

National Innovation and Startup Policy (NISP) - 2022 enable students and faculty of Aditya College of Engineering & Technology in creating robust Innovations, Startup related activities Intellectual Property Rights, Copy rights and Design patents.

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Coordinator

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1. Preamble

The Institution took shape in 2004 in the form of Sri Sai Aditya Institute of Science and Technology(ACET) which is now renamed as Aditya College of Engineering and Technology with the approval of AICTE in the aegis of Sarojini Educational Society, Kakinada and permanently affiliated to JNTU Kakinada. ACET is Permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK) and is accredited by National Board of Accreditation(NBA) and National Assessment And Accreditation Council (NAAC) with 'A+' Grade with CGPA of 3.4. The college also received UGC recognition under Sections 2(f) & 12(B) of the UGC Act. Since its inception ACET has achieved national standing in terms of academic performance, co-curricular and extracurricular activities. Known for its creative dynamism and flexibility the college offers varied programs blending skill development and value orientation to shape the career of students.

2. Vision

To induce higher planes of learning by imparting technical education with

- International standards
- Applied research creative ability
- Value based instruction and
- To emerge as premier institute.

3. Mission

Achieve academic excellence by providing globally acceptable technical education by forecasting technology through

- Innovative research and development
- Industry Institute Interaction
- Empowered manpower

4. Strategies and Governance

ACET is committed to create, sustain and improve the learning process through total quality management and make itself a place for scientific and technological learning, with continual improvement and teamwork as its strength for achieving the said objectives. Innovation introduces something new which can be an idea, model or service. Transforming that great idea into business model is Entrepreneurship.

Innovation and startup policy aims at encouraging startups for continuing their success so as

- To promote and encourage entrepreneurial activities by staff and students
- To promote a start-up/venture set up by a student/faculty entrepreneur
- Infrastructural support to startup inventors
- Guidance for registering startups and patenting
- Mentoring support
- Facilitating industry interaction for the startups
- Technology support
- Support by conducting awareness programs on startups

5. Startups enabling Institutional Infrastructure

Creation of incubation and pre-incubating facilities for nurturing Innovations into startups is accelerated by encouraging research and providing research guidance and incentives for research publications, text books, patents, projects and consultancy. The goal of this effort is to transform innovation into entrepreneurs. The pre incubation facility is accessible to students and faculty of across the Institution. The students and faculty of can make use of Institutional resources like Lab equipment, Computer Labs and other if any throughout their startup period with the prior permission of the Institution Head.

6. Nurturing Innovations and Startup

The Institution encourages students and faculty to develop research projects at Institution level by making use of Institutional facilities. Apart from that if it is required to purchase any equipment one can apply for funding through Institution. One faculty / group of faculty can apply for seed money up to 5 Lakhs to carry out research with specific outcomes. (Number of papers, patents and their Quality). Research & Committee will scrutiny the proposal. Based on the recommendations of the committee, seed money will be disbursed in installments. Committee will review the progress every month. The applicants of the seed money will have to sign a bond to stay in the college for 3 years & give an assurance to achieve the outcomes as per the timelines. No incentive will be paid for the papers they produce based on the facility created with the seed money. Incentives will be paid as per the norms after meeting targets as per the time lines with research facility created. The professional

development activities like courses, seminars are encouraged by providing incentives and ODs. Courses, seminars, workshops and conferences intended to assist employees in maintaining and improving knowledge and skills relevant to the employees' responsibilities or to their career development at the Institute are considered for financial support. The state-of-the-art of encouraging and funding is as below:

1. The College pre-approves requests for financial support for development activities only. The college does not normally approve funding requests retroactively.
2. Requests for leave to participate in a professional activity must be obtained by the applicant from the Principal through their respective Head of the Department.
3. Completed applications are to be submitted to the Principal's office at least one week prior to the event.
4. Completed applications are considered on a first come first serve basis. Applications will be date stamped upon receipt and reviewed for completeness.
5. Employees approved for Professional development Leave are entitled to up to 14 paid working days.

Funds allocated to professional development activities will be in the following priority order.

1. Registration fees
2. Materials and supplies
3. Travel for activities off campus
4. Accommodations and meals

7. Product Ownership rights for technologies developed at Institute

The Institute encourages students and faculty to develop innovative products for filing patents. The Inventors include both Institute, faculty, students and faculty from other organizations also. In this scenario, both Institute along with Inventors jointly own the right based on terms and conditions.

8. Organizational capacity, Human Resources and Incentives

The Institute has adequate Doctorate faculty to guide research projects and innovative ideas. The Institution also provides Technology to the projects and startup ideas.

The Institute facilitates sufficient support time to time to inculcate research culture in order to transform innovative ideas into startups.

9. Creating Innovation Pipeline and Pathways for Entrepreneurs at Institute level

The Institute is conducting Webinars, Workshops and Internships by the existing CEOs who initiated startups at the Institution.

10. Norms for faculty startups

In order to make on board-member as faculty, in some startups faculty are acting as mentors and they are participating events at both National and International level.

11. Pedagogy and learning Interventions for Entrepreneurship Development

Student clubs are created for organizing competitions boot camps, workshops and other entrepreneurial activities.

Pedagogical changes are done so as to ensure almost all student projects are research


oriented ones and innovative.

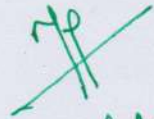
12. Collaboration, Co-creation, Business relationships and Knowledge exchange

Right now guidance based support is given to students from alumni startup holders for awareness.

13. Entrepreneurial Impact Assessment

Evaluation parameters like Key Performance Indicators are fixed at Institute level to check the progress of the startup related activities. Several training programs and Internships are offered by the Successful startup entrepreneur students.


(Coordinator)


30/10/22

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