



G PULLA REDDY ENGINEERING COLLEGE (Autonomous): KURNOOL

National Innovation and Startup Policy (NISP)

Vision:

“To establish and maintain the Innovation and Startups ecosystem at our College, produce intellectual property and manage- the rights of ownership, technology transfer and equities in startups of the college origin, to satisfy the main stake holders”

Mission:

To

- establish a vibrant and dynamic startup ecosystem in the college campus .
- actively engage students, faculty and staff members in innovation and entrepreneurship related activities.
- create a space for Collaboration, Co-creation, Business relationships and Knowledge exchange.
- facilitate Intellectual Property (IP) ownership management, Technology licensing and Equity sharing.

Objectives:

- To create awareness about entrepreneurship by periodically organizing Workshops, lectures and other activities that can facilitate knowledge creation and innovation.
- To create a Startup Ecosystem through strategic investment, scaling up and providing resourceful consultancy by leveraging the innovation climate.
- To incubate early stage entrepreneurial ventures based on technology and innovation.
- To facilitate generation of innovative technology solutions which have potential for commercial ventures and social impact in the sectors, like Clean Environment, Green Energy/Alternative Energy, Health Care, Food & Beverages, and Education.

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Short-term Goals:

- In-house competency development to serve the potentiality of the incubators.
- Strengthen the intra- and inter-institutional linkage with enablers at different levels.
- Academic courses offered by the institute on Innovation, IPR and Start-ups

Long-term Goals:

- Developing critical thinking skills to motivate students and faculties with entrepreneurial abilities
- Building Innovation and Incubation ecosystem by providing resources available at the Institute
- Creating social, ethical, and technological entrepreneurs through National Innovation and Start-up Policy.
- Collaboration, Co-Creation and Technology Exchange and Commercialization

Deliverables:

- Innovation and Start-ups awareness among students and faculties
- Innovation and Entrepreneurship development education
- Development of State-of-art facilities
- Promotion of active Research; Inter- and Intra-Institutional collaborations

Promotion through

- Organizing Workshops /Lectures/Seminars/EDP/Boot Camps etc.
- Integration of Experiential Learning
- Establishment of Start-up Cell; Organize National and Regional Level Events
- Setup of Advisory Service, Expert Pool and Mentoring
- Leveraging on Govt. Schemes and Programs

Processes and Mechanisms:

1. Incubation support

- Allowing students, faculty, and research staff to set up a start-up and work part-time for the start-ups while studying/working.
- Creating facilities within the institution for supporting pre-incubation (e.g. IICs as per the guidelines by MHRD's Innovation Cell, EDC, IEDC, New-Gen IEDC, Innovation Cell, Startup Cell, Student Clubs, etc.) and Incubation/ acceleration by mobilizing resources from internal and external sources.

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- Provide business incubation facilities;
- Premises at subsidized cost.
- Extending Labs, Research facilities, IT services, Training and Mentoring Services, etc.
- Licensing of IPR from institute to start up

2. Support to Students

- Induction program about the importance of I&E to be conducted for the first year students. Freshly inducted students gets awareness about the entrepreneurial activity of the institute and available support systems
- Supporting the students in terms of providing address for their Incubation cell, Semester break, attendance and accommodation.
- Organization of competitions, boot camps, workshops, etc.
- 'Innovation & Entrepreneurship Award' to recognize outstanding ideas, successful enterprises and contributors
- Innovation champions would be nominated within the students/ faculty/ staff for each department/ stream of study

3. Support to Faculty

- Institute would recruit staff that has strong innovation and entrepreneurial/ industrial experience, behavior, and attitude. This will help in fostering an Innovation and Entrepreneurship culture.
- Encouragement through incentives for research and consultancy projects
- Faculty and staff are sponsored to do courses on innovation, entrepreneurship management, and venture development. Guest Lectures by Subject Matter Experts
- Facilitation through leaves sanctioned like Extra-Ordinary Leave (EOL), Sabbatical Leave

4. Networking or Collaborating Support:

- Institute may also link the startups to other seed-fund providers / angel funds / venture funds or itself may set up seed-fund once the incubation activities mature.
- Providing support to students who show potential, in the pre-startup phase to link their start-ups and companies with a wider entrepreneurial ecosystem
- Networking for budding entrepreneurs to meet investors and pitch their ideas.

NISP Implementation Committee:

A committee has been formed with the experts in the domain of innovation, IPR, and startup to start the work of policy formation and implementation of guidelines at the institute.

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NISP Convener

PRINCIPAL

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