



G.Pullaiah College of Engineering and Technology

(Autonomous)

**(Approved by AICTE, New Delhi | NAAC Accreditation with 'A' Grade |
Accredited by NBA (CSE, ECE & EEE) | Permanently Affiliated to JNTUA)
Nandikotkur Road, Venkayapalli (V), Kurnool - 518452, Andhra Pradesh**

3.3.1 Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation etc.

Compassion on Innovation is the goal and spirit of GPCET. The institute ascertains the belief in the stakeholders through a vibrant eco-system for innovations, creation and transfer of knowledge. Technology Innovation Centre, Science and Technology Start-Up Enclave, MSME ASPIRE – TBI Centre, Makerspace, and Community Innovation Centre are just a few of the institute's many centres with exceptional state-of-the-art research facilities.

The institute spends a significant amount of money on research and development. GPCET recognizes the crucial role of Research and Development (R&D) in driving innovation. It understands that investing in technology and future capabilities is key to developing new products, processes, and services. In recent years, GPCET has made significant strides in its Research and Development initiatives, fostering a culture of out-of-the-box thinking and encouraging faculty and students to generate revolutionary ideas that can bring about positive societal change.

At GPCET, Research Centre, proactive applied research is at the forefront to address the technical and scientific challenges faced by industries and defence organizations. The focus is on conducting research in areas relevant to education, developing tools, and techniques that cater to the needs of the university, faculty members, and prospective students.

GPCET is dedicated to advancing knowledge through research across various academic disciplines. The research areas encompass CADMIOT LAB, Navic & Multi-GNSS Receiver Stations, Programmable Logic Controller NI-Analog Discovery, My DAQ, 3D-PRINTER, CNC MILLING And LATHE MACHINES.

G. Pullaiah College of Engineering and Technology, Innovation Center were started with the spirit of motivating entrepreneurs to establish more start-ups in the region. G. Pullaiah College of Engineering and Technology is the Prestigious Educational Institution in the backward Rayalaseema region and is promoted by Sri Sai Krishna Educational Society, a society registered on 15-02-2006

under A.P Societies Registration Act No 35 of 2001 and is the dream project of renowned educationalist Sri G. Pullaiah and his son Sri G.V.M Mohan Kumar. The college is located in a hamlet Venkayapalli, within a close proximity from Kurnool on the state highway and is well connected to all major cities in and around the state. The College established in the year 2007, works with the Motto “Pioneering Innovative Education” and strives to provide the student community, the modern technology supported by Comprehensive library, State of art laboratories along with necessary computational Skills. GPCET has obtained Autonomous status from the year 2018 besides being accredited by NAAC of UGC and NBA of AICTE, New Delhi. GPCET is approved by AICTE, New Delhi and has also been granted permanent affiliation under Jawaharlal Nehru Technological University Ananthapur. Also it is an ISO 9001-2015 certified Institution besides recognized by UGC under 2(f) and 12(B).. It is a location where start-up’s that are still in the concept stage are transformed into successful companies that pave the road for successful entrepreneurs.

VISION

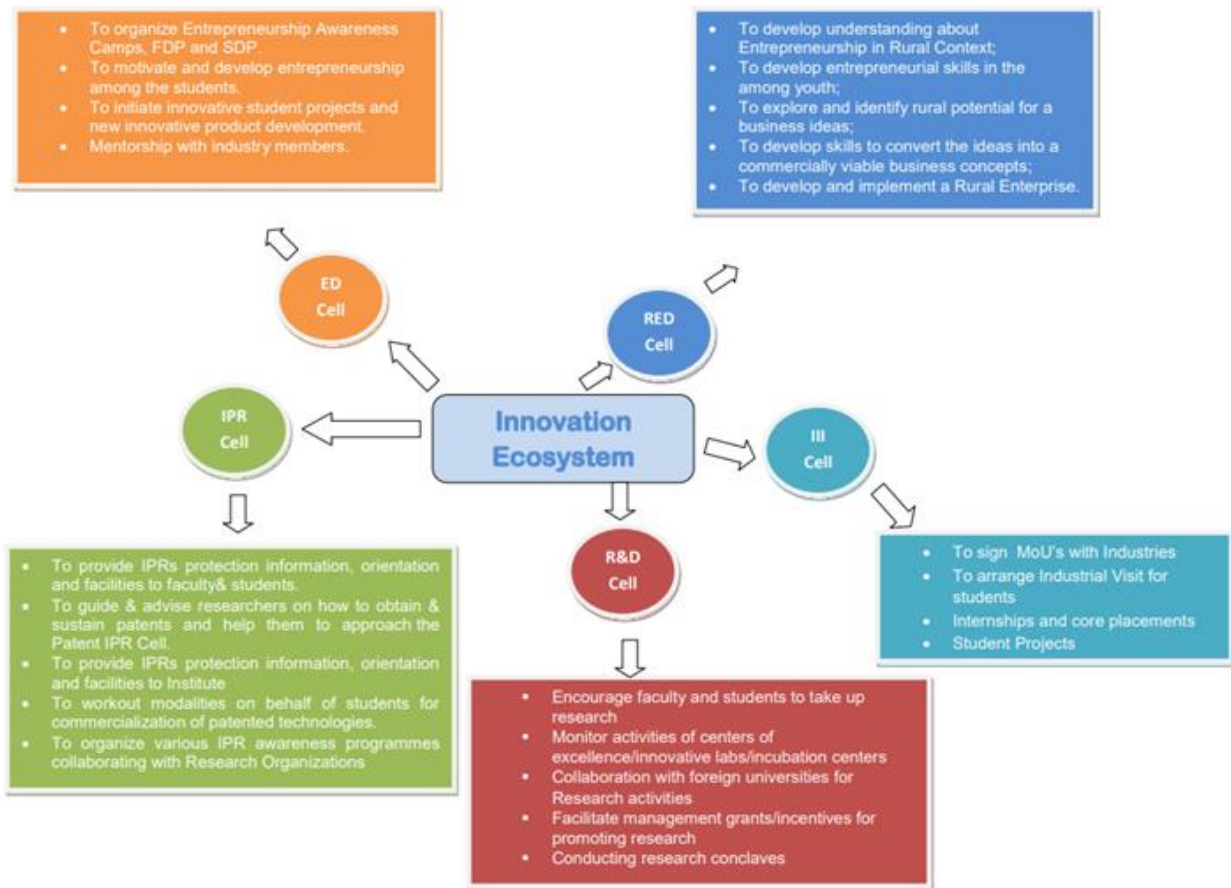
Being the centre of excellence that promotes industry-academia synergy feeds the entrepreneurial spirit and cultivates a research mindset in students to enable them to become independent and contribute to the building of the country.

MISSION

To provide a supportive ecosystem for the region's unique ideas as well as possibilities for students, staff, and researchers to start their own businesses and find employment.

Innovation Ecosystem

Institution has created an eco-system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.



The institute established Institute Innovation Council in association with **MHRD Government of India**. The primary aim of **MHRD's Innovation Cell MIC** is to encourage, inspire and nurture young students by supporting them to work with new ideas while they are in formative years. The institute facilitates to conduct Industrial Talk Series organized by MHRD IIC as member of Institute Innovation Council campuses and all the faculty members and students participated in all talk series live sessions.

National Innovation Startup policy is also introduced in the Institute with a vision to ensure G. Pullaiah College of Engineering and Technology as HUB for startups, entrepreneurship, Intellectual Property Rights (IPR) ownership, technology licensing and promote Rural Enterprise.

Objective

The policy aims at streamlining and strengthening the innovation and entrepreneurial ecosystem in campus and will be instrumental in leveraging the potential of science, student's creative problem

solving and entrepreneurial mind-set, and promoting a strong intra and interinstitutional partnerships with different stakeholders.

Research and Development (R&D) Cell: Research laboratories were established under the supervision of R&D cell to conduct the research by faculty and students. Research Advisory Board is constituted with eight expert members from different reputed university and industry to advice policy guide lines and provide directions for the growth and development of research. Dr. K C T Swamy, Dean of R&D was leading this cell and guiding the students both UG and PG for doing the projects and submitting the same research article in the Scopus journals. The institution signed MoUs with reputed industries to partner in research projects by different departments for products development.

EDC Cell was formed in the year 2020 Institute EDC Cell continuously conducts events and awareness workshops to students. Cell started in 2020 with the aim to Promote and sustains student innovations from ideation to startup developing entrepreneurial eco system.

Innovation Ecosystem.

To promote an Entrepreneurial Mindset, institution has a Center for Innovation and entrepreneurship cell (CIE), that encourage forging a relationship between the industry and the institution. The Centre for Innovation and Entrepreneurship(CIE) at GPCET. The CIE cell nurture startup ideas and technology innovations from their idea stage by conducting boot camps, entrepreneurship awareness camps, Industrial visits, Hackathons, technical talks by startup mentors, awareness Programmes to sensitize and create awareness among students and provide the resources required to build products/prototypes and help them to find customers for their products. The CIE at GPCET will assist and help the start-ups to get value proposition by providing mentor support, connect them with Government organizations like Entrepreneurship Development Institute of India (EDII), Ministry of Micro, Small & Medium Enterprises (MSME), Interaction with Industry Personnel, and also Higher education institutes like IIIT-DM, Kurnool. The gap is filled by arranging workshops addressed by industry personals. Industry institution relationship works in the following are Industrial visits for students and faculties. Field and site visits of students. Consultancy and sponsored projects. Faculty members regularly interact with the industry to understand functional challenges through applied research or student projects Expert lectures by industry personals for students. Conducting joint technical programs & events with industry