



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

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Learning is Supreme Deity

**Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.**

Pragati Engineering College (PEC) has well established Institution's Innovation Council (IIC) in association with MHRD/MoE/AICTE, Government of India. The primary aim of MoE'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. PEC facilitates to conduct many more online and offline programmes in parallel to guidelines of MIC and Entrepreneurship Innovation and Startup Center (EISC)/APSCHE to develop Innovation and Entrepreneurship culture among faculty and students.

**Awareness about Intellectual Property Rights (IPR):** PEC recognizes the paramount importance of IPR in protecting and encouraging innovation. By fostering awareness about IPR among students, faculty, and researchers, the Institution has created a conducive environment for the development of novel ideas and their subsequent protection. Workshops, seminars, and training programs on IPR have been organized regularly to educate the academic community about the various forms of intellectual property, such as patents, copyrights, trademarks, and trade secrets. IPR Course is included in the syllabus

**Establishment of IIC:** To provide comprehensive support and guidance on Innovation, research, incubation and IPR-related matters, PEC has established IIC (in the academic year 2019-20). (The primary role of IIC is to engage large number of faculty and students in various innovation/entrepreneurship related activities such as problem solving, ideation, proof of concept development, design thinking, IPR, prototype handling and management of startup and mentoring to stabilize entrepreneurship ecosystem. The IIC conducts self-driven activities, celebration activities, IIC and MIC driven activities to create awareness to the students on the above aspects. This strategic investment in the IIC has not only safeguarded the innovations generated within the Institution but has also fostered a culture of innovation and entrepreneurship among its 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. Five departments EEE, ME, ECE, CSE and Chemistry are recognized as research centers by JNTUK, Kakinada. Research committee is constituted with senior faculty members to frame policy guidelines and provide directions for the growth and development of research. The Institution has signed MoUs to promote consultancy and research projects

**Entrepreneurship Development Cell (EDC):** Institute EDC started with an aim to promote and sustain student innovations from ideation to startup developing entrepreneurial eco system. It continuously conducts events and awareness workshops to students.

PEC is carrying out consultancy to promote the creation and transfer of knowledge and technology The Institution actively encourages interdisciplinary research collaborations and provides grants and incentives to faculty members and students involved in research projects. These initiatives facilitate the exchange of ideas across different disciplines, fostering innovation through a holistic approach.

The college has established strong industry-academia linkages, facilitating the continuous gain and transfer of knowledge and technology. Collaborative research projects, internships, and industry visits are organized regularly to bridge the gap between academia and industry. This synergy allows students to gain practical insights and hands-on experience while industry partners benefit from fresh perspectives and research. Such collaborations have resulted in the development of innovative solutions that address real-world challenges and have a significant societal impact.