



## **INSTITUTIONS INNOVATION COUNCIL CELL – IIC CELL**

The Institution's Innovation Council (IIC) of A.K.T. Memorial College of Engineering and Technology is established with the objective of promoting innovation culture, creativity, entrepreneurship, problem-solving ability, and technological advancement among students, faculty members, innovators, and researchers in alignment with the vision and mission of the Institution and the innovation and startup initiatives of the Government of India. The Institution's Innovation Council (IIC) serves as a dedicated platform for fostering innovation-driven learning, entrepreneurial mindset, design thinking, intellectual property awareness, startup culture, and industry-oriented innovation practices within the Institution. The Council aims to strengthen the innovation ecosystem by encouraging innovative ideas, product development, prototype creation, startup initiatives, incubation support, and interdisciplinary collaboration for academic, technological, industrial, and societal advancement.

The Institution's Innovation Council (IIC) systematically plans, organizes, and coordinates various innovation and entrepreneurship-related activities such as innovation awareness programmes, idea generation sessions, entrepreneurship development programmes, design thinking workshops, intellectual property rights (IPR) awareness programmes, startup orientation sessions, hackathons, innovation competitions, expert lectures, incubation activities, prototype development initiatives, field visits, technology demonstrations, and skill development programmes. The Council also facilitates interaction with entrepreneurs, startup founders, industry experts, innovators, incubation centres, investors, research organizations, professional bodies, innovation agencies, and government organizations to provide exposure to emerging technologies, innovation trends, startup opportunities, and entrepreneurial practices.

Further, the Institution's Innovation Council (IIC) encourages students and faculty members to actively participate in innovation challenges, startup activities, product design competitions, patent filing initiatives, research and development activities, technology transfer programmes, incubation projects, funded innovation schemes, collaborative innovation activities, and community-oriented problem-solving initiatives aimed at enhancing creativity, innovation competency, leadership qualities, technical expertise, entrepreneurial capability, and professional growth. The Council also promotes interdisciplinary innovation projects, industry-supported innovation activities, social innovation practices, startup mentoring, and



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establishment of innovation laboratories and incubation support systems for strengthening the innovation and entrepreneurship ecosystem within the Institution.

The Institution's Innovation Council (IIC) maintains comprehensive records and documentation related to innovation activities, startup initiatives, workshops, seminars, hackathons, innovation competitions, incubation programmes, patents, prototype developments, funded innovation projects, entrepreneurship programmes, collaborative innovation activities, and technical events conducted within the Institution. The Council periodically reviews the effectiveness and impact of innovation and entrepreneurship activities and identifies opportunities for strengthening innovation culture, startup support, incubation facilities, industry collaboration, intellectual property generation, funding opportunities, and technology development. Based on its activities and assessments, the Institution's Innovation Council (IIC) prepares reports and submits recommendations to the Management and the Governing Body of A.K.T. Memorial College of Engineering and Technology for continuous improvement of innovation practices, entrepreneurship development, startup ecosystem enhancement, technology commercialization, knowledge creation, and holistic academic and professional development across the Institution.

## **OBJECTIVES:**

- To promote innovation, creativity, and entrepreneurial culture among students and faculty members.
- To encourage the development of innovative ideas, prototypes, products, and technology-based solutions for societal and industrial needs.
- To organize workshops, seminars, hackathons, innovation competitions, and entrepreneurship development programmes.
- To create awareness on Intellectual Property Rights (IPR), patent filing, startup culture, and technology commercialization practices.
- To strengthen collaboration with industries, incubation centres, innovation agencies, entrepreneurs, and research organizations for enhancing innovation ecosystem.
- To support startup initiatives, incubation activities, interdisciplinary projects, and innovation-driven research for improving technical competency and professional growth.



## ROLES AND RESPONSIBILITIES:

- To create and strengthen an innovation ecosystem that encourages students and faculty members to explore, experiment, innovate, and contribute towards technological and societal development.
- To encourage creative thinking, problem-solving ability, design thinking, and innovation culture among students and faculty members through various academic and co-curricular activities.
- To plan, organize, and coordinate workshops, seminars, expert lectures, hackathons, innovation competitions, idea generation programmes, and entrepreneurship development activities for enhancing innovation and startup awareness.
- To provide guidance, mentoring, technical support, and necessary resources for the development of innovative projects, prototypes, products, and startup ventures.
- To facilitate incubation support, startup development activities, and entrepreneurship opportunities by collaborating with industry partners, investors, incubation centres, and innovation agencies.
- To collaborate with industries, research organizations, professional bodies, entrepreneurs, and academic institutions for joint research projects, innovation activities, and technology development programmes.
- To facilitate technology transfer activities and promote industry-oriented innovation practices for bridging the gap between academia and industry.
- To create awareness on Intellectual Property Rights (IPR), patent filing, copyrights, design registration, and technology commercialization practices among students and faculty members.
- To facilitate interaction with industry experts, innovators, startup founders, and entrepreneurs for providing insights into current industrial trends, emerging technologies, and market requirements.
- To build and maintain effective partnerships with industries, innovation centres, research organizations, government agencies, and academic institutions for strengthening innovation and entrepreneurship ecosystem.
- To encourage interdisciplinary collaboration among students, faculty members, researchers, and industry professionals for solving real-world problems through



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innovative approaches.

- To support and guide student-led innovation clubs, entrepreneurship cells, startup teams, and technical associations within the Institution.
- To motivate and facilitate participation of students and faculty members in national and international innovation contests, hackathons, startup competitions, exhibitions, and funded innovation programmes.
- To engage with the local community and society by promoting socially relevant innovations and sustainable solutions for addressing societal and environmental challenges.
- To maintain records and documentation related to innovation activities, startup initiatives, patents, funded projects, workshops, competitions, incubation activities, and innovation achievements of the Institution.
- To periodically review the effectiveness of innovation and entrepreneurship activities and recommend measures for continuous improvement of innovation culture, startup support systems, industry collaboration, and technology development within the Institution.

## COMPOSITION:

The following members, along with the nominees representing the Management, Academic Administration, Departments, Faculty Members, Researchers, Innovators, Entrepreneurs, Industry Experts, Incubation Centres, Innovation Agencies, Research Organizations, Alumni, Professional Bodies, Students, IQAC, and other stakeholders, are hereby designated as members of the Institution's Innovation Council (IIC) of A.K.T. Memorial College of Engineering and Technology for the effective planning, organization, implementation, coordination, monitoring, and continuous improvement of innovation, entrepreneurship, startup, incubation, research, intellectual property rights (IPR), product development, technology transfer, industry collaboration, skill development, and innovation-driven activities in alignment with the innovation policies of the Government of India, industrial and societal requirements, academic quality standards, and the objectives of the Institution.



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Sl. No.	Name	Role	Designation
1.	Dr. T.S. Sivakumaran	Chairperson	Principal
2.	Mr. P. Ramachandran	Member	Administrative Officer
3.	Dr. J. Vengadesh Marshall Raman	Convener	AP – Civil
4.	Mrs. G. Ranjitha	Member	AP – CSE
5.	Mrs. M.S. Sathya	Member	AP – ECE
6.	Ms. R. Sangavi	Member	AP – EEE
7.	Mr. A. Sathiyaraj	Member	AP – MECH
8.	Mrs. E. Kanchana	Member	AP – IT
9.	Mrs. R.Kalaiyarasi	Member	AP – S&H

## EXPECTED OUTCOMES:

- Development of a strong innovation and entrepreneurship culture among students and faculty members within the Institution.
- Increased participation of students and faculty members in innovation activities, hackathons, startup initiatives, funded projects, and entrepreneurship programmes.
- Enhancement of creative thinking, problem-solving ability, technical competency, and leadership skills among students and faculty members.
- Increased number of innovative projects, prototypes, patents, research publications, and product development activities.
- Strengthened collaboration with industries, incubation centres, research organizations, entrepreneurs, and innovation agencies for promoting industry-oriented innovation practices.
- Improvement in startup support, incubation activities, technology transfer, and commercialization of innovative ideas and products.
- Enhanced awareness and implementation of Intellectual Property Rights (IPR), patent filing, and innovation protection practices.
- Development of interdisciplinary and socially relevant innovative solutions addressing industrial and societal challenges.
- Strengthening of the Institution's innovation ecosystem, research culture, and industry



interaction activities contributing to academic excellence and institutional development.

- Continuous improvement in innovation practices, entrepreneurship development, and professional growth leading to enhanced institutional reputation and holistic student development.

## SDG MAPPING:

The activities and initiatives of the Institution's Innovation Council (IIC) are aligned with the following United Nations Sustainable Development Goals (SDGs):

SDG	SDG Title	IIC Contribution
SDG 4	Quality Education	Promotes innovation, creativity, entrepreneurship, skill development, and experiential learning among students and faculty members.
SDG 8	Decent Work and Economic Growth	Encourages startup culture, entrepreneurship development, employability skills, and innovation-driven economic opportunities.
SDG 9	Industry, Innovation and Infrastructure	Supports innovation, product development, technology transfer, incubation activities, and industry-oriented research initiatives.
SDG 11	Sustainable Cities and Communities	Encourages innovative and sustainable solutions for addressing societal and community-related challenges.
SDG 16	Peace, Justice and Strong Institutions	Promotes ethical innovation practices, intellectual property awareness, transparency, and institutional development.
SDG 17	Partnerships for the Goals	Strengthens collaboration with industries, incubation centres, research organizations, entrepreneurs, government agencies, and academic institutions for innovation and startup ecosystem development.