



KIT Innovation and Startup Policy

**A Guiding Framework for Faculty and
Students**

**KIT-Kalaignarkarunanidhi Institute of Technology
Kannampalayam (PO) Coimbatore 641402**



Innovation and Startup Policy for Students and Faculty

Vision :

To establish a platform to develop cognitive abilities among the students and create a vibrant innovative environment in the Institute

Mission :

- To create a vibrant local innovation ecosystem and start-up supporting mechanism in the institute
- Prepare institute for NIRF Ranking and Atal Ranking of Institutions on Innovation Achievements Framework.
- Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
- Develop better Cognitive Ability for Technology Students.

Journey of IIC established at the Institute

1. Under the aegis of this cell, various activities have been organized which gives real time exposure to the students and provide them a platform to showcase and implement their practical learning.
2. It aims to enable students to acquire knowledge through practical learning experience and apply that knowledge to prepare electronic model/circuits for various technical purposes.
3. The cell also encourages students to come up with working engineering models and projects which are helpful to the society and that work towards the enhancement of safety and socio-economic conditions of the typical Indian society.
4. Many patents have been filed after the establishment of this cell and the Institute is progressing under the esteemed guidance of its high-quality faculty members.
5. Faculty members have submitted various Projects to various Departments of the Govt. of India. Some of the agencies include DST, SERB, AICTE, etc.

Constitution of Innovation and Startup Council

Innovation and Startup Council's composition, in line with AICTE-MHRD recommendations, is proposed to be as follows:

S. No.	Name of Member	Member Type (Teaching/ Non-teaching / External Expert)	Key Role/ Position assigned in IIC
1.	Dr.N.Mohan Das Gandhi	Teaching	Principal



KIT-Kalaignarkarunanidhi Institute of Technology

2.	Dr.S.Santhi, Professor/CSE	Teaching	President
3.	Dr.M.Muthukrishnan, Professor/Mech	Teaching	Convener
4.	Dr.S.Ravichandran, Professor/Mech	Teaching	Vice President
5.	Dr.R.Lal Raja Singh, Professor/EEE	Teaching	Innovation Activity coordinator
6.	Mr.G.Jayabaskaran, AP/EEE Ms.SakthiShobana AP/BioTech	Teaching	Social Media Coordinator
7.	Ms.K.Niranjana, AP/Aero	Teaching	Internship coordinator
8.	Mr.R.Arivumani Ramanan, AP/Mech	Teaching	Start up activity coordinator
9.	Dr.S.Rathinamala, AP/EEE Ms.S B Suriya AP/BIO-Tech	Teaching	ARIIA Coordinators
10.	Dr.M.P.Mohandass AP/EEE	Teaching	IPR activity coordinator
11.	Mr.S.Karthick, AP/Maths Mr.A.Felix Sahayaraj, AP/MECH	Teaching	NIRF coordinator
12.	Mr. K Suresh Kumar, Executive Director, PSG College Of Technology, Coimbatore	External Expert	Representative From Nearby Incubation Centre
13.	Mrs.Thulasi Sethu, Director, The Riveraa Pumps India	External Expert	Representatives Of SIDBI/ NABARD/ Lead Bank/ Investor
14.	Mr. K Vijaya Prabhu, Chief Executive Officer, Popular Systems, Coimbatore	External Expert	Technical Experts From Nearby Industry
15.	Mr. R Gowtham, Founder, Hapac Solutions, Coimbatore	External Expert	Alumni Entrepreneurs
16.	Mr.S.Pandiarajan, AP/CSE	Teaching	Member
17.	Ms.A.Anupriya, AP/CSE	Teaching	Member
18.	Ms.D.Santhosh Kumar, AP/AERO	Teaching	Member



19.	Mr.S.Tamilselvan, AP/ECE	Teaching	Member
20.	Dr.B.Anand, AP/AGRI	Teaching	Member
21.	Mr.T.Barathkumar AP/EEE	Teaching	Member
22.	Mr.N.Vigneshwari AP/Bio Medical	Teaching	Member
23.	Dr.B.S.Harish AP/BioTechnology	Teaching	Member
24.	Mr.M.Kannan AP/Mech	Teaching	Member
25.	Mr.G.Xavier Richards CIII Innovation Officer	Teaching	Member

Functions of Innovation and Startup Council

- To conduct various innovations and entrepreneurship-related activities prescribed by Ministry of Education (MoE) Innovation Cell (MIC).
- Identify and reward innovations and share success stories.
- Organize periodic workshops, seminars and interactions with entrepreneurs, investors and professionals and create a mentor pool for student innovators.
- Network with peers and National entrepreneurship development organizations.
- Organize Hackathons, Idea Competitions, Mini-challenges, etc. with the involvement of industrial partners



Incubation Centre

Dr. Vidhya's Incubation Centre established in the year 2018-19, motivates the students to bring out their innovative ideas. It aims to provide fund for each department with the concern of HoD's approval. The best project will be selected by panel member in the corresponding department. Selected finalist will receive fund for their product.

The project expo will be conducted by the Incubation Centre and best project from each department will be selected based on the new innovative ideas.

The following facilities are provided by Incubation Centre :

- Providing the Office and operational space in the campus based on the availability.
- Permission to use laboratories and equipment
- Advice on Intellectual Property protection and commercial transactions
- Business and financial structuring advice
- Mentoring and networking support
- Advice on fund raising
- Monitoring and reporting

Seed funding

- The institution will provide funding support through Dr.Vidhya Incubation Centre in the form of seed grant to aspiring student innovators to develop early stage prototypes. The ideas and product for funding will be identified through an Innovation and Entrepreneurship expert committee members and the funds will be provided through IIC. IIC will be provided with a budget by the college to manage the activities. This allocation will be reflected in the college budget.

Guidelines for Involvement of Faculty, Staff and Students in Startups

To promote entrepreneurship among faculty members, KIT encourages faculty members and students to undertake entrepreneurship-related activities. The objective of supporting entrepreneurship is to encourage participation of faculty members and students in commercial ventures, companies or similar entities with equity participation as an additional dimension to their existing roles as



faculty members or students.

The faculty/staff members and students to set up and involve in startups at the campuses as well as outside the campuses, KIT may consider the following guidelines for the same:

- The institute offer support for setting up a start up (including social start ups) and working part-time for startups while studying / working: The students / staff may work on their innovative projects and setting up start ups (including Social Startups) or work as intern / part-time in startups while studying / working.
- Student Entrepreneurs are allowed to earn credits for working on innovative prototypes/Business Models. Student inventors are motivated to opt to start up in place of their mini project/ major project, seminars, summer trainings.
- Students who are under incubation, but are pursuing some entrepreneurial ventures while studying will be allowed to use their address in the institute to register their company with due permission from the institute committee.
- The Institution allocate 1% of the total annual budget for providing support innovation and startup of the Institute
- The Institution shall consider taking equity share from the start-up from 3% to 9.5% in the later stage, i.e, after establishing a SPV. The percentage of share shall depend on the type of support provided to the start-up.
- For staff and faculty, Institute shall not claim any equity or consultancy fees.
- Faculty / staff shall involve themselves in entrepreneurship / start-up activities without affecting their regular roles.
- The Institute will provide services based on fee-based model. Seed funds shall be provided only to student/alumni initially. The same may be explored for others after establishing SPV.
- Institute could extend this startup facility to alumni of the Institute as well as outsiders.

Entrepreneurship Development Cell

KIT Entrepreneurship Development Cell was established in the year 2010 with a mission to “develop institutional mechanism to create entrepreneurial culture to foster growth of innovation and entrepreneurship amongst the faculty and students.” EDC of KIT has been accredited as **National Entrepreneurship Development Chapter** by the Entrepreneurs Council of India.



KIT-Kalaignarkarunanidhi Institute of Technology

KIT – Entrepreneurship Development Cell in association with National Science and Technology Entrepreneurship Development Board (DST-NIMAT), Department of Science and Technology, Government of India, New Delhi, organized various programs with the aim of promoting Entrepreneurship among students.

Four faculty members and ten students were trained for the duty in the Entrepreneurship Development Cell. **17 MOUs** were signed between KIT-EDC and various industries, training academies, educational institutions for the welfare of students. Over the decade, KIT-Entrepreneurship Development Cell has produced **19 successful startups**.

Entrepreneurship Awareness camp, **Four Week Women Entrepreneurship Development program (WEDP)** and **Two week Faculty Development program on Entrepreneurship (FDP)** is a remarkable program that is organized every year. Students and Faculty member from own and distinguished institutions register themselves and participate in the camp enthusiastically. The Awareness Camp is gaining momentum and the number of participants keep increasing every year. Students of KIT, have shown an active involvement in programs and events conducted by various other institutions in relation to the Entrepreneurship.

Guests from Banking, Government, finance sectors, budding and established Entrepreneurs have guided the students with their knowledge and experience. Over 900 students took part in the programs, so far and gained knowledge directly from the scholars.

Industrial Visits have been arranged frequently to make students get in touch with the industrial behavior and update the advancement in the technology. Industries such as Fluid Control Research Institute, Palakkad, Aavin, Coimbatore, have been visited as a part of Entrepreneurship Awareness Camp.

Startup Cell

The Startup Cell create awareness about innovation and startup among students, faculty and staff about the value of entrepreneurship and its role in career development or employability shall be a part of the institutional entrepreneurial agenda. The Alumni Cell always inviting KIT Alumni students, first generation local entrepreneurs and Industrial experts to address young minds. Innovation Ambassadors are giving training about startup and National educational policy, IPR to students and faculty members. Initiatives like idea and innovation project competitions, hackathons, workshops, boot camps, seminars, conferences, exhibitions, mentoring by academic and industry personnel, throwing real life challenges, awards and recognition shall be regularly organized. To prepare the students for creating the start up through the education, integration of education activities with enterprise-related activities shall be undertaken.



Intellectual Property

Innovation Products developed through Dr.Vidhya Incubation Centre are registered as Patent by KIT IPR cell. The products, software codes, copyrights, design registrations, developed products are converted into process or product patent, copy right and design patent through this cell. The terms and conditions for such IP licensing shall be decided by KIT as per recommendations of National Expert Committee members.

Governance and Operation

- To facilitate development of an entrepreneurial ecosystem in KIT, the head of the institute along with the governing body of the innovation and startup council will be the decision making authority for initiation of the entrepreneurship and startup.
- The innovation and entrepreneurial agenda will be published, promoted and highlighted at institutional programs such as conferences, convocations, workshops, etc. to create awareness among all the stakeholders of the KIT

NISP Expert Committee Members

An Expert committee has been formed to support innovation, IPR and startup to start the work of policy formation and implementation of guidelines at the institute.

S.No	Name and Designation	Status
1	Dr.N.Mohan Das Gandhi Principal	Chairman
2	Dr.M.Ramesh Vice Principal	Member
3	Dr.K.Ramasamy Dean (Academics&Research)	Member



KIT-Kalaignarkarunanidhi Institute of Technology

4	Dr.S.Santhi CfRD Head & IIC President	President
5	Dr.S.Ravichandran EDC Co-ordinator	Vice President
6	Dr.M.Muthukrishnan Professor/Mech	Convener
7	Mrs.Thulasi Sethu, Director, The Riveraa Pumps India Private Limited, Coimbatore	Entrepreneur
8	Mr. K Vijaya Prabhu, Chief Executive Officer, Popular Systems, Coimbatore	Entrepreneur
9	Prof. A.R.Saravanan HOD-Aeronautical Engineering.	Member
10	Dr.K.Samathkumar HOD - Agriculture Engineering	Member
11	Dr. M. Jayasheela HOD - Biomedical Engineering	Member
12	Dr.Tha.Thayumanavanan HOD – Biotechnology	Member
13	Dr. S. Raja Mohamed HOD-Computer Science and Engineering	Member
14	Dr. R. Mythili HOD- Electrical and Electronics Engineering	Member
15	Prof. R. Gowrishankar HOD-Electronics and Communication Engineering	Member
16	Dr. J. Maniraj HOD-Mechanical Engineering	Member
17	Mr.R.Arivumani Ravanan Assistant Professor	Startup Co-ordinator