



K S Institute of Technology Innovation & Startup Policy

For Faculty & Students

Abstract:

K. S. INSTITUTE OF TECHNOLOGY INNOVATION AND STARTUP POLICY FOR STUDENTS AND FACULTY

The K. S. Institute of Technology Innovation and Startup Policy for students and faculty will enable the institute to actively involve students, faculty in innovation and entrepreneurship related activities. This framework will help the college to facilitate the terms & conditions of Intellectual Property ownership management, technology licensing, equity sharing etc., thus enabling creation of a robust innovation and startup ecosystem.

Message from Management



It is indeed a great pleasure and privilege for us to thank AICTE & MHRD for motivating Institutes of Higher Education to develop Startup Policy & Innovations with in the campus for faculty & students by providing the guidelines. We are happy to share that KSIT will provide conducive echo system to cater the demands of Innovation, Startup & Entrepreneurial activities.

Message from Principal



DR. DILIP KUMAR K

PRINCIPAL AND DIRECTOR

I am very delighted to share that our institution has taken the responsibility of implementation of innovation and startup policy (SISP) for students and faculty members. This will enable all the departments to actively engage the students and staff in innovation and entrepreneurial activities. This will motivate students and faculty members to work in developing ideas and converting them into successful entrepreneurs. I believe that this platform will motivate faculty & students to work towards innovation.

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I. **VISION:**

Develop KSIT into a robust Innovation and Startup Hub among the colleges in South Bangalore and bring out the innovative ideas and nurture them to socially relevant products / services.

II. **Committee for K.S. Institute of Technology Innovation and Startup Policy [KSITISP]**

The following members are nominated for the SPMVV Innovation Startup Policy Development Committee Based on National Innovation and Startup Policy (NISP) Guidelines.

The expert committee members at K S Institute of Technology along with their designations & departments are mentioned below. This committee was formed on **16th September 2021** and member were designated to frame the policies.

Sl. No.	Name of Member	Designation & Department	Designated Key Role
1	Dr.Dilip Kumar	Principal & Director	Chair
2	Dr P N Sudha	Prof. & Head ECE dept.	NISP Coordinator
3	Dr. Rekha.B.Venkatapur	Prof. & Head CSE dept.	ARIIA Coordinator
4	Dr Chanda V Reddy	Prof. & Head TCE dept.	IIC Coordinator
5	Dr Umashankar	Prof. & Head TCE dept.	NIRF Coordinator
6	Dr Surekha	Professor ECE dept.	R&D Coordinator
7	Dr.Sudarshan B	Professor ECE dept.	Innovation activity Coordinator
8	Dr Bharathi V	Chief Librarian	IPR activity Coordinator
9	Mr. Rajesh	Asst. Professor Mech. dept.	Industry Institute Coordinator

10	Mr Krishna Gudi	Asst. Professor CSE dept.	EDC coordinator
11	Dr Renuka C	Professor Basic Science	Member
12	Dr Kiran Kumar	Professor Basic Science	Member
13	Mr Nagabhushan	Associate Professor Mech dept.	Member
14	Mr Manjunath B R	Asst. Professor Mech. dept	Member
15	Mr Santhosh Kumar	Associate Professor ECE dept.	Members
16	Mr. Harshavardhan J R	Associate Professor CSE dept.	Members
17	Ms. Jayasudha B S K	Asst. Professor ECE dept	Members
18	Mr. Kushal Kumar	Asst. Professor CSE. dept	Members
19	Mr. Kumar	Asst. Professor CSE. dept	Members
20	Mr. Kushal Kumar	Asst. Professor Mech. dept	Members

K. S. Institute of Technology Innovation and Startup Policy 2020 for Students and Faculty

1. Strategies and Governance

- a. With the help of Innovation and Startup Policy the institution intends to create an ecosystem that can generate entrepreneurs in every department. To facilitate development of an entrepreneurial ecosystem in K.S. Institute of Technology, specific objectives and associated performance indicators shall be defined for assessment.
- b. Implementation of the entrepreneurial agenda will be the responsibility of the members of NISP [National Innovation Startup policy] Committee along with the support of higher authorities

2. Resource Mobilization

Resource mobilization plans will be made for supporting pre-incubation, incubation infrastructure and other facilities. A sustainable financial strategy shall be defined in order to reduce the organizational constraints to work on the entrepreneurial agenda.

- K.S. Institute of Technology will provide infrastructure and facilitate to promote innovation and startups related activities.
- Proposals will be sent to various funding agencies like DST, VGST, MHRD, AICTE, VTU etc.
- K.S. Institute of Technology shall also try to raise funds through sponsorships and donations.
- K.S. Institute of Technology will actively engage alumni network for promoting Innovation & Entrepreneurship (I&E).

3. Startups Enabling Institutional Infrastructure

a. Create Pre-incubation facility initially

- This is to be used by students and faculty of K.S. Institute of Technology.
- Interested Students / Faculty will be enrolled in Pre-incubation facility.
- Each student shall have a faculty member as mentor & this will help the students to shape their innovative ideas.

- Students will be given one semester to conceive and validate their ideas.
- Pre incubators can validate their ideas in respective mini-project lab & Pre-incubation Centre.
- Students will be exposed to various funding agencies to which they can apply for seed money.
- Pre-incubation Centre will be accessible to all interested students and faculty members.
- Various events like Ideathon, Hackathon, Exhibitions, Conferences, Talks from various entrepreneur's etc. will be organized to keep these students motivated and focused on their entrepreneurial venture.

b. Incubation Centers

- After completing Pre-incubation phase, students shall register in the Incubators.
- After their innovative ideas are validated, they can register a Startup Company.
- Upon admission in the incubation center, the following facilities will be offered to the incubated companies on chargeable basis as decided by the institute from time to time.
 - ❖ Office space
 - ❖ Computers
 - ❖ Printers
 - ❖ Internet connectivity
 - ❖ Standard Furniture
 - ❖ Access to college Library
- Tenure of Incubation could be for 2 years with extension of another 6 months, if needed.

c. Mentoring and Advisory Services

- One of the objectives of Incubation is to utilize the technical expertise and lab infrastructure of KSIT. Thus, every incubator who is offered incubation support has to select one or more faculty from the department who shall act as mentors

and guide incubators.

- Institution will extend support from professionals for accounting, IPR, legal and management expertise as and when necessary.
 - College will provide the database of Industry Mentors and same can be used by the incubators.
 - The Technical Mentoring Committee will consist of experienced and qualified professionals from specific industry, leading bankers, seasoned venture capitalists, academicians and successful alumni entrepreneurs providing mentorship on technical issues.
- d. Product conceptualization to market strategy for Startups shall be developed by the Institute on case-to-case basis using the stages of Technology Readiness Level (TRL) scale.
- **Startup Phase:** Time bound approval of proposals would be given in 4-5 weeks to Innovators to demonstrate their product(s) as Pilot project.
 - **Boot up Phase:** Once the pilot study is successful, the K S incubation & startup [KSIS] will approve the incubated company to initiate product development.
 - **Scale up Phase:** The companies, which have successfully deployed their products in KSIS, would then be given incentives as per the norms of Student Innovation & Startup policy [SISP] of
 - **Commercialization Phase:** The Commercialization Partnership Committee will have a team of executives, entrepreneurs and investors who will work closely with Startup Team and help in making business plans, networking and marketing of the product(s).

Different Phase of work	4 – 8 weeks	8-15 weeks	16 – 40 weeks	41-52 weeks
Start-up Phase				
Boot up Phase				
Scale up Phase				
Commercialization Phase				

4. Nurturing Innovations and Startups

- a. KSIT Incubation centers will provide a facilitating environment for UG, PG, Ph.D., students, faculty and alumni.
- b. Interested students & research scholars have to register in any of the KSIT incubation centers.
- c. Details regarding innovation / product development related to their research / project topic should be included in thesis/ dissertation.
- d. Best Innovation award will be decided as per guidelines & awarded.
- e. Inculcate innovation and entrepreneurship knowledge across the faculty and students by
 - Organizing various awareness programs & training sessions.
 - Orientation from successful entrepreneur.
 - Industrial visits
 - Ideathons & hackathons
- f. Revenue generated in the startup company of KSIT Students/Research Scholars incubated at KSIT shall be shared between Students/Research Scholars and KSIT as per Institutional norms respectively.
- g. Engagement of Faculty in Startup activities
 - The faculty members shall be involved as mentors to provide technical expertise.
 - The permanent faculty who like to involve in Startup on a part time

basis shall be permitted to do so with certain concessions from time to time as well as case to case basis.

- The committee constituted for the purpose shall take decisions in granting a Startup by assessing the proposal submitted indicating the interest/ feasibility/ innovation/ market potential etc. The committee also will review the progress quarterly.
 - Revenue generated in the startup company of KSIT faculty incubated at KSIT shall be shared between faculty and KSIT as per Institutional norms.
 - Participation in Startup related activities needs to be considered as a legitimate activity of faculty in addition to teaching, R&D projects, industrial consultancy and management duties and must be considered while evaluating the annual performance of the faculty.
 - Every faculty shall be encouraged to mentor at least one Startup.
 - In order to attract and retain right people, institute shall encourage academic and non-academic incentives and reward mechanisms for all staff and stakeholders that actively contribute and support entrepreneurship agenda and activities.
 - A performance matrix should be developed and used for evaluation of annual performance.
- h. Faculty/ Research Scholars/ Students/ Alumni shall register their company with due permission/information from/to KSIT.

b) Pedagogy

- The Departments shall be advised to conduct regular workshop or FDP's to bridge the gap between industry and academia.
- Industry Experts may be leveraged to teach courses at incubators and students who are interested may elect these courses.
- Inviting national and State experts related to entrepreneurship on a regular basis to strengthen Startup efforts.
- Facilitation in a variety of areas including technology development,

ideation, creativity, design thinking, fund raising, financial management, cash-flow management, new venture planning, business development, product development, social entrepreneurship, product costing, marketing, brand-development, human resource management as well as law and regulations impacting a business.

- College Level Entrepreneurship Development Clubs (Bootcamps) shall be established through incubators to foster innovation and entrepreneurial spirit.
- Showcase for innovations done in the college.
- Mockup marketing place for innovators to initiate marketing in the campus.
- K. S. Institute of Technology will organize Startup related National/International level workshops and conferences to promote Innovation and Startups.
- K. S. Institute of Technology shall celebrate annual “Startup Day” to create awareness.
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c) Product Ownership Rights for Technologies Developed at Institute

- Incubators (Students/Faculty/Alumni) should fill in IP declaration form of K. S. Institute of Technology and declare the Intellectual Property developed and already owned by the incubated company.
- In case the incubated company is desirous of using the Intellectual Property of K. S. Institute of Technology, like patent, software code, copyright, design registration, developed product, etc. the incubated company shall make such request in writing to K. S. Institute of Technology. The terms and conditions for such IP licensing shall be decided by the Institute based on the IPR policy of K. S. Institute of Technology.
- The incubated company shall inform K. S. Institute of Technology if any student has contributed for technology development to be used in the product(s) development.
- The incubated company shall inform to K. S. Institute of Technology if any IP has been generated as a result of collaborative work with