

Institute Innovation Council

Indian Institute of Technology Hyderabad

Guideline Document

(In-line with National Innovation and Start-up Policy-2019)



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

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Chapter - 1 Introduction

The Ministry of Human Resource Development in 2019, released the National Innovation and Startup Policy 2019 for students and faculty of Higher Education Institutions (HEIs). The Policy is in line with the focus of the Central Government on entrepreneurial projects. The framework was created to enable the institutes to actively engage students, faculty, and staff in innovation and entrepreneurship-related activities. The Guidelines on National Innovation & Startup policy 2019 were published to provide the required direction and support in handling Innovation Startup and Intellectual Property rights-related issues.

The framework is designed to facilitate the Ministry of Human Resource Development in bringing uniformity across HEIs in terms of Intellectual Property ownership management, technology licensing, and institutional Startup policy, thus enabling the creation of robust innovation and Startup ecosystem across all HEIs.

Innovation and Entrepreneurship must emerge as one of the focal points of today's education system with a focus on the creation of economic hubs so that the nation aspires to become a five trillion-dollar economy in the near future. To achieve this milestone, systems and mechanisms must evolve to convert the present demographic dividends into high-quality technical human resources, which could eventually create wealth generation hubs through Startups and entrepreneurship.

Chapter - 2 Institute's Innovation Council, IIT Hyderabad

The Institute's Innovation Council at IIT Hyderabad will comprise of following members:

1. Staff Representation		
S. No.	Position	Name & Designation
1.1	President	Prof B S Murty, Director, IITH
1.2	Vice President	Prof Kiran Kuchi, Dean (R&D)
1.3	Innovation Activity Coordinator	Dr Sumohana Channappayya, Former Dean (R&D)
1.4	Startup Activity Coordinator	Prof S Surya Kumar, Faculty-in-Charge, Incubation Centre
1.5	Internship Coordinator	Dr Abhinav Kumar, Faculty-in-Charge, Office of Career Services
1.6	IPR coordinator	Dr Pradeep Kumar Yemula, Faculty-in-Charge, IP Cell
1.7	ARIIA coordinator	Dr Priyotosh Bandyopadhyay, ARIIA Coordinator
1.8	NIRF coordinator	Dr Sai Santosh Kumar Raavi, NIRF Coordinator
1.9	Entrepreneurship Coordinator	Dr M. P. Ganesh, Head, Dept. of Entrepreneurship & Management
1.10	Convenor	Nakul Parameswar, Assistant Professor, Dept. of EM
1.11	Innovation Ambassador	Prof Deepak John Mathew, Head, Dept. of Design
1.12	Innovation Ambassador	Dr Mudrika Khandelwal, Associate Professor, Dept. of MSME
1.13	Innovation Ambassador	Dr Meduri Praveen, Assistant Professor, Dept. of Chemical Engg.
1.14	Innovation Ambassador	Dr Sayak Banerjee, Assistant Professor, Dept. of Mechanical & Aerospace Engg.
1.15	Innovation Ambassador	Dr Suhanya Duraiswamy, Assistant Professor, Dept. of Chemical Engg.
1.16	General Member	Prof Ramesh G, Chair - Rural Development Centre
1.17	General Member	Dr Prasad Onkar, FIC – Unnat Bharat Abhiyan (UBA)
1.18	General Member	Dr Avinash Eranki, FIC - Students Affairs
1.19	Social Media Coordinator/ Secretary	Ms Mitalee Agrawal, Public Relations Officer

2. Expert Representation		
S. No.	Position	Name & Designation
2.1	General Member	Prof Mohan Sangeneni, Advisor-Innovation & Translational Research
2.2	Startup / Alumni Entrepreneur	Mr M Sai Kiran, CEO, Founder (SK IOT)
2.3	Expert from nearby Industry	Mr Vinay Chilakapati (CEO, Innomet Advanced Materials Pvt. Ltd.)
2.4	FI/ Bank Investor/ Angel Investor/ VC	Mr Reehan Shaik, Bank Manager, Canara Bank, IITH Branch, Ex-officio
2.5	Incubation Centre	Dr Siva Rama Krishna Vanjari, Faculty-in-Charge, FabCI
2.6	Patent Expert	Mr Anna Eswara Reddy, Patent Analyst
3. Student Representation		
S. No.	Position	Name & Designation
3.1	Startup Activity Coordinator	Mr Sarthak Konher, Head, E Cell
3.2	Innovation Activity Coordinator	Mr Brijesh, Science & Technology Secretary, Student Gymkhana
3.3	Internship Coordinator	Mr Krutik Mehta, BTech 4th Year, IITH
3.4	IPR Coordinator	Mr Gaddam Akhileswar Chowdary, MTech 3rd year, IITH
3.5	Social Media Coordinator	Ms Tisha Pantawane, Media Secretary, Student Gymkhana
3.6	General Member	Mr Priyabrata Rautray, PhD Scholar, Dept. of Design
3.7	General Member	Mr Vaibhav Kumar, BTech 4th Year, IITH

Note: Ex-officio Positions will be updated directly on the IIC portal immediately after Institute's Order. IIC Composition will be released only twice in the year from the IIC's President Office, Director, IIT Hyderabad.

Chapter - 3 Objective

The objective of the IIC at IIT Hyderabad is to:

- Meet once in a quarter to formalize the discussion and keep action points for activities in the coming quarter and regularly update it.
- Identification of the best of ideas and providing them a 'womb' to incubate eventually to transform into a Startup or entrepreneur endeavor.
- Soliciting an entrepreneur through the application of knowledge and expertise – academic as well as industrial.
- Empowering an idea with all important ingredients and resources aiding its conversion into a successful product or service.
- Helping entrepreneurs to grow holistically with business acumen.
- Bring socio-economic change in the country by finding innovative solutions to the daily met problems.

Chapter - 4 Functions of IIC

- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in a time-bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by the institution's faculty and students.
- Organize Hackathons, idea competitions, mini-challenges, etc. with the involvement of industries.

Chapter - 5 Roles & Responsibility of the IIC-IITH

The roles and responsibility of different members of IIC at IIT Hyderabad is defined as under:

1. Staff Representation:

President:

- The President will constitute the IIC council and appoint its members.
- He is responsible for ensuring that Quarterly Council Meeting is planned effectively.
- Conduct Council Meeting in accordance with prescribed rules and that matters are dealt with in an orderly, efficient manner.
- He will lead the IIC Council and will have the IIC portal Login ID and will be the custodian of IIC portal login and data/ reports uploaded therein.
- He will call the meetings, set a meeting agenda, and will monitor the deliverable.
- He will be the main point of contact with MHRD Innovation Cell.
- He will respond to all communication from the IIC National Coordination team (MHRD Innovation Cell) and will be responsible to ensure the decent performance of IIC.
- He will coordinate with the MHRD innovation cell and be responsible for all the IIC activities in the institute.
- He will ensure the Institution's participation in IIC calendar activity and take lead in the institution-driven activities (own initiatives).
- He will ensure the effective implementation of IIC activities with the help of the Convenor.
- He could change the council members as per the decision taken in council meetings and update the information on the portal.

Convenor/ President

- He will ensure the effective implementation of IIC activities as decided by the council..
- He will have new ideas for the effective functioning of the council from time to time.

Innovation Activity Coordinator

- He will be responsible to bring the ideas to the council to promote the Innovation ecosystem at IITH.
- He will be responsible to implement Innovation related activities at IITH.

Startup Activity Coordinator

- He will be responsible to bring the ideas to the council to promote the Start-up ecosystem at IITH.
- He will be responsible to implement Start-up related activities at IITH.

Internship Coordinator

- He will be responsible to bring the ideas to the council to encourage the Internship Opportunities for the students of IITH.
- He will be responsible to implement activities for the betterment of the Internship Opportunities at IITH.

IPR Coordinator

- To promote awareness about IPRs and conduct related activities on campus or as mandated in IIC council meetings.

ARIIA Coordinator

- To suggest points of improvement in line with the requirement of ARIIA Ranking to the council.

NIRF Coordinator

- To suggest points of improvement in line with the requirement of NIRF Ranking to the council.

Innovation Ambassador

- He/ she promotes and facilitates the implementation of I & E activities at IITH.
- Train Faculty & Students at IITH in Innovation and Entrepreneurship for effective implementation of I & E activities in-line with the training imparted by MoE's MIC.

Social Media Coordinator

- She will act as Secretary for the council, will prepare Minutes of meetings, and will be
- responsible for submitting the monthly progress/activity reports on the IIC portal.
- Promote the I & E Activity Coordinated by IIC at IITH on the social media platforms of the IITH.
- Share relevant updates from the social media platforms with the IIC.

2. Expert Representation:

IP Expert / Patent Expert

- Assisting and conducting prior art searches in respective technology domains.
- Liaison with an IP attorney office for filing National & International patent applications.
- Helping in Patentability search for the inventions and research proposals.
- Conducting awareness and training programmes on IPR & its allied topics.
- Coordinating in Patent drafting in tandem with inventor & IP attorney offices.
- Maintaining the IIT-H Patent database and categorizing various stages of its prosecution.
- Conducting Freedom To Operate (FTO) search for prototypes.
- Handling of Orbit-Express, Intelligence patent search database as an Admin.
- Patent landscaping for business development.

- Drafting and vetting of technology patentability assessment reports.
- Exploring the opportunities for Technology Transfer & etc.
- Handling and uploading of Institute's Innovations in Yukti2.0 portal" at IP Expert / Patent

Startup / Alumni Entrepreneur

- He will be responsible to bring the ideas to the council to promote the Start-up/ Entrepreneurship ecosystem at IITH.
- He will be responsible to implement Start-up related activities at IITH.

Expert from nearby Industry / Industry association / Ecosystem Enablers

- He will be responsible to bring the ideas to the council to promote the Start-up/ Entrepreneurship ecosystem at IITH.
- He will be responsible to implement Start-up related activities at IITH.

FI/ Bank Investor/ Angel Investor/ VC

- Assisting team at IITH with the idea of fund generation and effective utilization.

Incubation Centre

- He will be responsible to bring the ideas to the council to promote the Start-up/ Entrepreneurship ecosystem at IITH.
- He will be responsible to implement Start-up related activities at IITH.

3. Student Representation:

Startup Activity Coordinator

- He will be responsible to bring the ideas to the council to promote the Start-up/ Entrepreneurship ecosystem at IITH.
- Act as a liaison between the student community and IIC.

Innovation Activity Coordinator

- He will be responsible to bring the ideas to the council to promote the Innovation ecosystem at IITH.
- Act as a liaison between the student community and IIC.

Internship Coordinator

- He will be responsible to bring the ideas to the council to promote the Internship Opportunities for the students at IITH.
- Act as a liaison between the student community and IIC.

IPR Coordinator

- He will act as a medium of communication between IIC and students, and encourage
- them to participate in IIC activities.
- He will understand the concept, idea, and method of participation in IIC activities and
- disseminate it to all the students.
- He will act as a volunteer for IIC programs and will support the IPR faculty coordinator in conducting events and awareness programs on IPR.

Social Media Coordinator

- Promote the I & E Activity Coordinated by IIC at IITH on the social media platforms of the IITH's students.
- Share relevant updates from the social media platforms with the IIC.

General Member

- He will be responsible to bring the ideas to the council to promote the Start-up/ Entrepreneurship ecosystem at IITH.
- Act as a liaison between the student community and IIC.