



**SHREE SATHYAM**  
College of Engineering and Technology  
Approved by AICTE, New Delhi & Affiliated to Anna  
University, Chennai. Sankari, Salem(Dt)



## **INSTITUTION'S INNOVATION COUNCIL ANNUAL REPORT 2024-25**

**IIC – D : IC202218297**

### **A. Vision and Mission of the institute:**

#### **Vision:**

- To be a value-based, globally recognized institution, we admit economically and socially backward rural area students and empower them with quality education to excel in academics, research, innovation, and entrepreneurial attitudes, as well as being good citizens.

#### **Mission of the institute:**

- To establish state-of-the-art facilities and resources required to achieve excellence in teaching-learning and supplementary processes.
- To provide faculty and staff with the required qualifications and competence and to provide opportunities to upgrade their knowledge and skills
- To motivate the students who are economically weak to pursue higher education by offering special scholarships, appearing for competitive exams, and participating in other value-added programs for their holistic development.
- To have regular interaction with the industries in the area of R&D and offer consultancy, training, and testing services.
- To foster an entrepreneurial mindset in students and to give them access to a campus platform where they can launch their own businesses.
- Supporting them to work with new ideas and transform them into prototype.
- To promote innovation in the institute to generate new ideas through multitudinous modes leading to an innovation promotion eco-system in the campus.
- The institute has conducted various innovations and entrepreneurship related activities prescribed by central MIC in time bound fashion.
- The institute has organized periodic workshop, seminar and interaction with entrepreneurs on online mode with the students in view of developing communication skills and motivating them towards entrepreneurship.



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- The institute has developed network with peers and national entrepreneurship development organization.
- The institute has highlighted innovative projects carried out by institution's faculty and students.
- The institution has motivated and driven the students by conducting idea competition challenges etc. with the involvement of industries.
- The institute has also conducted various programs with eminent resource persons from various disciplines and industrial sectors.
- A total number of 31 students and faculty registered in YUKTI National Innovation Repository ideas are submitted.

**The various programmes and workshops conducted online on various themes like**

- a. Entrepreneurship and Innovation
- b. Skill attitude and Behavior Development.
- c. Process Design and Development
- d. Startups-Managed through YUKTI-NIR
- e. Creativity and Innovation
- f. Entrepreneurship in Economic Development



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## **B. INSTITUTION'S INNOVATION COUNCIL (IIC)**

In the year 2018, the Ministry of Education (MoE) through MoE's Innovation Cell (MIC) launched the Institution's Innovation Council (IIC) program in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of innovation and start-up ecosystem in education institutions. Primarily, IIC's role is to engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized in HEIs.

### **Major Focus of IIC**

- Start-up/entrepreneurship supporting Mechanism in HEIs
- Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas
- Develop better Cognitive Ability amongst Technology Students

### **Functions of IIC**

- Promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campus
- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bounded 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 institution's faculty and students.



**IIC Council Members (Faculty)**

S.No	Name of the faculty	Roles	Designation
1	V.Sujatha	President	Principal
2	Dr. N.Tamilselvan	Convener	Associate Professor
3	T. Chakravarthi	Social Media	Digital Marketing Executive
4	C. Sasikumar	Internship Activity Coordinator	Assistant Professor
5	Dr. G. Kandiban	Innovation Activity	Professor
6	Dr. R.Hemalatha	IPR Activity Coordinator	Assistant Professor
7	Mr.S.Krishnamoorthi	Start-up Activity Coordinator	Assistant Professor
8	Mrs.M.Presitha Aarthi	Member	Assistant Professor
9	Dr.S.Mahendran	NIRF Coordinator	Associate Professor
10	Dr.P.Kannan	IQAC & Member	Professor
11	Mr.R.Karthikeyan	Member	Assistant Professor

**IIC Council Student Members**

S.No	Name of the Student	Roles
1	S.Naresh	Internship Coordinator
2	S.Sivaprakash	Innovation Coordinator
3	Jayadharshan K	Startup Coordinator
4	S.Harishkumar	IPR Coordinator
5	S.Karthikeyan	Member
6	S.Chakravarthi	Member
7	P.Dinesh	Member
8	Shalini P	Member
9	Nivetha R	Member



10	Gowrie A	Social Media Coordinator
11	Swathi S	Member
12	Naveen S	Member
13	Nandhakumar K	Member
14	Chandrasekar N	Member
15	Arumugapandi K	Member
16	R Harini	Member
17	Hema T	Member
18	Bhuvaneswari P	Member
19	Muzhumathi T	Member
20	Monisha L	Social Media Coordinator
21	Dhanush M	ocial Media Coordinator
22	Srinivasan M	Member
23	Sivaprasath A	Member
24	Gnanasundar K	Social Media Coordinator
25	Oviyavarshini S	Member
26	Sivaraj M	Member
27	Sheela G	Member
28	Hemapriya C	Member
29	Bhuvaneshwari S	Member

The above-mentioned student members' enthusiasm and hard work in IIC activities have been noteworthy. They represent the next generation of innovators, driven by passion and dedication. Their involvement and hard work in IIC have added significant value to the council's endeavors, proactive approach and dedication are truly commendable.

### **Roles and Responsibilities of President**

1. She will lead the IIC Council.
2. She will have the IIC portal Login ID and will be the custodian of IIC portal login and data/ reports uploaded there in.
3. She will call the meetings, set meeting agenda and will monitor the deliverable.



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4. She will be the main point of contact with MHRD Innovation Cell
5. She will respond to all communication from IIC National Coordination team (MHRD Innovation Cell) and will be responsible to ensure decent performance of IIC.
6. She will coordinate with MHRD innovation cell and responsible for all the IIC activities in the institute.
7. She will ensure Institution's participation in IIC calendar activity and take lead in the institution driven activities (own initiatives).
8. She will ensure the effective implementation of IIC activities with the help of Convener.
9. She could change the council members as per the decision taken in council meetings and update the information on portal.
10. She will be responsible for submitting the progress/activity reports on the IIC portal.

#### **Roles and Responsibilities of Vice-President**

1. To build and strengthen the in-house mentor pool and human resource capacity to drive campus Innovation & Entrepreneurship activities.
2. Identifying, handholding and guiding potential/early-stage entrepreneurs, student innovators at the Institute on regular basis.
3. To Develop a critical mass of motivated students & faculties with creative potential, and Entrepreneurial orientation & skill set.
4. Commercialization of innovations through technology transfer, technology licensing and Startups, etc.
5. To build infrastructure support and facilities to promote innovation and enabling environment of easy access to resources within and outside the institute.
6. To strengthen the intra and inter-institutional partnership and collaboration with ecosystem at different level and co-creation of new program interventions

#### **Roles and Responsibilities of Convener**

1. The Convener will work in close coordination with IIC president and will provide help wherever required for smooth conduct of activities.
2. He/ She will ensure the participation in the meeting and will prepare the meeting agenda at least 10 days prior to meeting with the inputs from all valuable council members and President.
3. Maintain documentation of the proceedings like meeting photos, Minutes of Meetings, Meeting Video has to upload to Institution YouTube Channel and the link has to be shared with competent authorities and any other proof.
4. He/ She will ensure that the internal examination dates would not interfere with the IIC activities and coordinate with all departments to ensure the same.



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5. He/ She will collect the inputs from all the members of the council at regular interval, especially external members for better planning of IIC activities and effective delivery of results.

#### **Roles and Responsibilities of Social Media Coordinator**

1. Will create and manage IIC page/account on Facebook, Twitter and YouTube and other relevant social media platforms.
2. He / She will be responsible for posting all the relevant information about council meeting resolution and action plan, IIC activities and follow/tag MIC/IIC page and posts on these platforms.
3. He/ She will also ensure that all students follow MIC/IIC page/account on social media to get first-hand information.

#### **Roles and Responsibilities of Members**

1. Ensure the Institution's Innovation Council's logo and the words "in association with Institution's Innovation Council, Ministry of Education (MoE), Govt. of India", is included in the brochure compulsorily for all the academic activities of their respective departments like webinars, seminars and workshops related to Industry Interaction, Entrepreneurship, Research and Innovation / Intellectual Property Rights (IPRs).
2. Establish Innovation Clubs for students with facilities and equipment needed for Innovation and Entrepreneurship (I & E) activities in their respective departments.
3. Developing an Innovative and Entrepreneurial mindset through a series of activities like workshops, awareness, market outreach events, orientation, advocacy meetings, networking events (Intra and Inter-institutional, enablers, stakeholders).
4. Encourage faculty and students to pursue research studies related to Entrepreneurship.
5. Develop short term certificate courses on Innovation and Entrepreneurship.
6. Convince departments to offer Major or Minor Specializations or credit courses related to Innovation and Entrepreneurship (I & E) and IPR

**\*Note: The above responsibilities are also applicable to the President, Vice-President, Convener and Social Media Coordinator apart from their main responsibilities.**





## Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

Total No. of IIC Members	Total No. of IAs	Total No. of faculty Mentors & Mentee
40	30	02

### Achievements:

- Number and Different types of I&E and IPR and Celebration activities Conducted - **42**
- No. of IPs generated, Published-**07**
- No.of Student & Faculty Start-ups/Ventures established– **Nil**
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus - **In-progress**
- Amount grant or fund supported to student & Faculty lead Innovations, start- ups and IPR-**In-progress**

C. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum - **Nil**

D. Highlight selected best Innovations & images with mention of inventor/innovation name: **Nil**

E. Highlight selected start-up s established by students/faculties with mention of founder/cofounder name - **In-progress**

F. List if any break through Innovations/Technology Developed at the institute (2-3) technology with 2-3 lines about technology and innovation - **In-progress**

G. Participation of IIC-institute in various programs of Central and State Govt. Highlighting specially for the schemes or programs

- ARIIA– participation and Rank – **In-progress**
- NISP Adoption Status-Trained Faculty, Policy Formulation, Policy Implementation - **In-progress**
- Smart India Hackathon etc.- **Participated**





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## **H. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell**

### **Student Member, IIC SSCET College of Engineering & Technology:**

"This forward-thinking initiative has greatly enriched my educational journey. The Innovation Council has given me a valuable platform to unlock my creative and entrepreneurial potential, honing essential skills in innovation and problem-solving that are critical in today's dynamic world. Through hands-on workshops, competitions, and guidance from mentors, I've been empowered to transform my ideas into actionable realities."

**- S.Harishkumar (Third Year-AI & DS)**

### **Faculty Member, IIC SSCET College of Engineering & Technology:**

"I am deeply proud to be part of SSCET College of Engineering & Technology's IIC. This institution thrives as a dynamic hub for cultivating creativity and encouraging collaboration. The steadfast support from the Ministry of Education's Innovation Cell has been instrumental in our successes. Together, we are committed to fostering the next generation of innovators, who will surely drive transformative advancements in the industry".

**Dr.N. Tamilselvan, M.E., Ph.D.,**

**Innovation Ambassador**

**Associate Professor and Head, MECH**



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## Annual Report Images – 2024-25







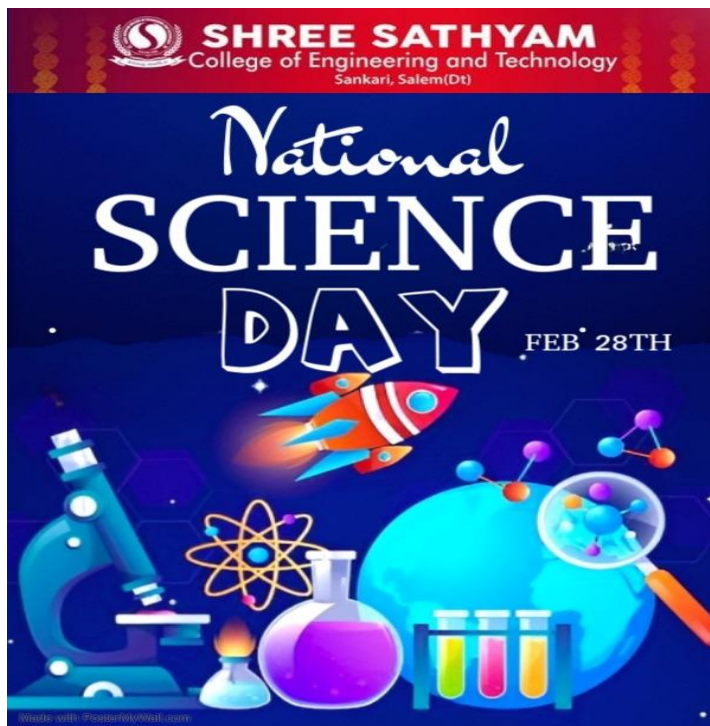
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## IIC WORKSHOPS/SEMINAR CONDUCTED 2024-25

S.No	Date	Title of the Events	Activity Category
1	10/23/2024	From Idea to Impact - Motivational Session by Successful Entrepreneur/Start-up Founder	IIC Calender Activity
2	11/8/2024	My Story - Motivational Session by Successful Innovators	IIC Calender Activity
3	11/11/2024	National Education Day	Celebration
4	11/26/2024	Session on Problem Solving and Ideation Workshop	IIC Calender Activity
5	10/7/2024	Workshop on Entrepreneurship and Innovation as Career Opportunity	IIC Calender Activity
6	1/25/2025	Workshop on Design Thinking, Critical thinking and Innovation Design	IIC Calender Activity
7	12/11/2024	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialization of Lab Technologies & Tech-Transfer"	IIC Calender Activity
8	1/2/2025	Workshop on Effective Sales and Marketing Strategies for Entrepreneurs /Start-ups	IIC Calender Activity
9	2/12/2025	Innovation Showcase: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support	IIC Calender Activity
10	2/3/2025	Session on Achieving Problem-Solution Fit & Product-Market Fit	IIC Calender Activity
11	2/28/2025	National Science Day	Celebration
12	12/11/2024	Workshop Program in the name of Drone Basics Assembly and Flying	Self - Driven
13	10/7/2024	seminar on Innovation in Renewable Energy for a Sustainable World	Self - Driven
14	9/11/2024	Seminar Program on Patent-How to Search, Draft & File (IPR)	Self - Driven
15	11/8/2024	National level technical symposium	Self - Driven
16	10/23/2024	Session on MIC Programmes & Schemes with Dr. Abhay Jere	MIC Driven
17	12/7/2024	Formulating & Understanding Research Problems (Research Methodology)	Self - Driven



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18	2/15/2025	Seminar Program on Marketing"	Self - Driven
19	1/25/2025	Seminar on Talk on Entrepreneur at Campus	Self - Driven
20	11/25/2024	Seminar Program on Role of Patent in Startup	Self - Driven
21	10/26/2024	Seminar Program on Model tool usage for writing Research paper & project proposal	Self - Driven
22	4/28/2025	One Day Seminar Harnessing Photonic Crystals for Biosensing: Principles, Design, and Future Perspectives	Self - Driven
23	4/25/2025	One Day Seminar Modeling and Simulation of Efficient Patch Antenna Design using CST Studio Suite	Self - Driven
24	4/21/2025	Two-Days Workshop Innovative Electronics Product Design	Self - Driven
25	4/21/2025	World Creativity and Innovation Day	Celebration
26	4/25/2025	Significance of IP Protection and Commercialization	MIC Driven
27	4/26/2025	Patent to Product	MIC Driven
28	5/20/2025	Building YUKTI Innovation Repositories in IIC Institutions: Productizing Campus Ideas & Boosting Innovation Funding for Startup Opportunities	MIC Driven
29	4/22/2025	Discover more with Design Registrations: Masterclass on Patents and Design Registration	MIC Driven
30	3/8/2025	International Women's Day	Celebration
31	3/21/2025	Workshop on Prototype/Process Design and Development	IIC Calender Activity
32	4/21/2025	Inauguration of IP UTSAV and Celebration of World Creativity and Innovation Day	MIC Driven
33	4/23/2025	Copy That! Copyrights Uncovered: Masterclass on Copyrights	MIC Driven
34	4/24/2025	Mark the Spot: Trademarks Talk: Masterclass on Trademarks and Geographical Indications	MIC Driven
35	3/22/2025	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre such as Atal Incubation Centre etc	IIC Calender Activity
36	4/21/2025	Startup Summit: Demo Day/Exhibition of Start-Ups & Linkage with Innovation Ambassadors/Experts for Mentorship Support	IIC Calender Activity
37	4/26/2025	World Intellectual Property Day	Celebration



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38	5/3/2025	Session/ Workshop on Business Model Canvas (BMC)	IIC Calender Activity
39	5/17/2025	Session on How to plan for Start-up and legal & Ethical Steps	IIC Calender Activity
40	4/26/2025	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	IIC Calender Activity
41	5/10/2025	Workshop on Raising Capital and Managing Finance for Startups	IIC Calender Activity

#### **SECTION N: CONTACT**

**1. IIC PRESIDENT: Dr.V.Sujatha – 7598251217**

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**2. IIC CONVENER: Dr.N.Tamilselvan –9750749705**

**E-mail ID: mech.tamilselvan@shreesathyam.edu.in**

**CONVENER-IIC**

**PRINCIPAL**