

3.2.1. Institution has created an Ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has created an ecosystem for innovation including incubation Centre and other initiatives for creation and transfer of knowledge. The faculty members are empowered to take up research activities utilizing the existing facilities.


Research and Development Cell (R&D Cell) of SREYAS Institute of Engineering and Technology Promotes the students and faculty member of the institute for research and innovations related activities in their respective domains. It aims to nurture research culture and training in research and related skills for enhancing the academic quality and the general research capability of budding entrepreneurs to compete the technical world. R&D Centre try to bridge gap between academics and industries to make education more sustainable. This centre committed to improve the quality of education, in terms of technological based learning and provide the solution for societal problems. Main Objective of R&D Cell is

- To identify research thrust areas, promoting research, evaluation and disseminating research outcomes.
- To promote faculty members to publish their article with quality publishers and encourage to apply research proposal to Govt. funding agencies for the grant.

To organize the workshops, Conferences, and FDPs to create awareness about Patent and IPR.

Entrepreneur Development Cell: - The main objective of this cell is to train students and integrate the culture of entrepreneurship, enabling them to achieve their dreams of starting their own enterprises. Young graduating engineering students across the country need proper industrial exposure, which is essential for their professional growth. Awareness should be created among students regarding entrepreneurship as a career option. As part of this initiative, an industrial visit to T-Hub was organized under the Memorandum of Understanding (MoU) to provide students with firsthand experience of the startup ecosystem. During the visit, students had the opportunity to interact with successful entrepreneurs, industry experts, and startup mentors, gaining insights into innovation, business development, and the challenges of running a startup. This visit served as an inspiration for students to explore entrepreneurial opportunities and apply their technical knowledge to real-world business solutions.

R & AC Incubation Center: To develop new projects and offer services through student learning in Refrigeration and Air Conditioning domain. Students carried out 6 PG and 10 UG projects through R & AC center. R & AC achieved following student funded projects Display water cooler, UPS Cooling and Mobile AC.


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Manufacturing and CNC incubation center: To promote research in feasible manufacturing of press components and metal cutting. Students carried out 2 PG and 2 UG projects through this center. It has MOU's with Uppal Industrial Association and BNR Industries.

CAD Incubation center: To develop drawings and analyze design of new products. It has MOU with UNICENT.

Innovatio Hub – Robotics research center: The lab aims to work on research problems and innovative projects that extend the state of the art in robotics.


CSPCS – Center for Signal processing and communication systems: To provide high-quality graduate and postgraduate training environment for the next generation of researchers and support innovation-based endeavors.

The objectives are

- To Promote Research Activities
- To Encourage Research Publications, Patents/IPR
- To Provide Industrial Training

Under this COE 2 patents are filed

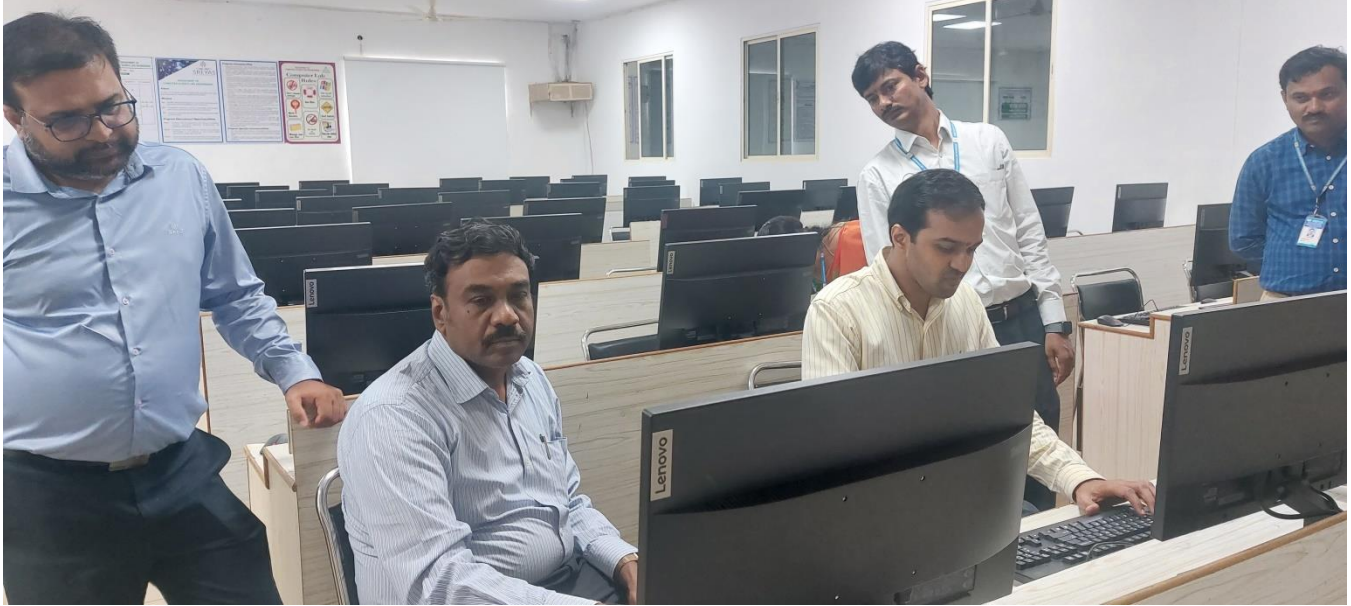
CCNA – Cisco certified Network Associate: Main objective of Cisco Networking academy is to train huge no. of stakeholders during their academic programme and to certify them with global examination discount voucher. Sreyas Institute of Engineering and technology has signed MOU with Trident Academy of Creative Technology under CISCO NETWORKING ACADEMY SUPPORT CENTRE (ASC) and Instructor Training Centre (ITC).



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INSTITUTION'S INNOVATION COUNCIL (IIC 6.0)

Event Title: Industrial Visit to T-Hub

Date: 31st May, 2024

Venue: T-Hub, Hyderabad, Telangana

Organised by: Sreyas Institute of Engineering & Technology

Number of students attended: 63

Number of faculty attended: 3

Event Report:

The industrial visit to **T-Hub** was a unique opportunity to explore one of India's largest startup incubators and innovation hubs. Established in collaboration with the **Atal Innovation Mission (AIM)**, T-Hub is dedicated to fostering entrepreneurship, innovation, and technological development. It was created through a partnership between the Government of Telangana, premier academic institutions like the Indian School of Business (ISB) and IIIT-Hyderabad, and industry leaders.

The purpose of this visit was to understand the startup ecosystem, learn about incubation and accelerator programs, and witness real-time innovation in action. The center supports startups through mentoring, funding opportunities, and providing access to a global network of investors and collaborators.

Objectives of the Visit:

- To learn about the functioning of a startup incubator and accelerator.
- To explore how T-Hub supports startups from the ideation stage to scaling up.
- To understand the role of the **Atal Innovation Mission** in fostering innovation and entrepreneurship in India.
- To interact with startup founders and mentors to gain insights into the entrepreneurial journey.
- To observe the collaboration between the government, academia, and industry in nurturing startups.

Key Highlights of the Visit

1. Introduction to T-Hub's Ecosystem

- The visit began with a presentation on T-Hub's mission and vision. The center serves as a bridge between startups, corporations, and investors, offering unique solutions to both early-stage and growth-stage startups.
- The team elaborated on T-Hub's partnerships with global companies such as Amazon, Facebook, Google, and Cisco, which provide resources and support for startups.

2. Startup Support and Incubation Programs

- Detailed information was shared on how startups are selected for T-Hub's incubation and accelerator programs. Criteria such as innovation potential, market readiness, and scalability are considered during the selection process.
- Startups are given access to world-class infrastructure, mentoring from industry leaders, and opportunities to connect with investors and venture capitalists.

3. Interaction with Startup Founders

- The participants had an engaging interaction with startup founders who shared their entrepreneurial experiences, challenges, and successes. This helped students understand the practical aspects of starting and scaling a business.
- The founders emphasized the importance of resilience, adaptability, and market research in building a successful startup.

4. Role of the Atal Innovation Mission (AIM)

- The role of the **Atal Innovation Mission** in promoting a culture of innovation in India was discussed. AIM supports T-Hub by providing funding, technical guidance, and policy advocacy to create an enabling environment for startups to thrive.
- Various initiatives under AIM, such as Atal Incubation Centers (AICs) and Atal Tinkering Labs (ATLs), were highlighted as key components of India's innovation ecosystem.

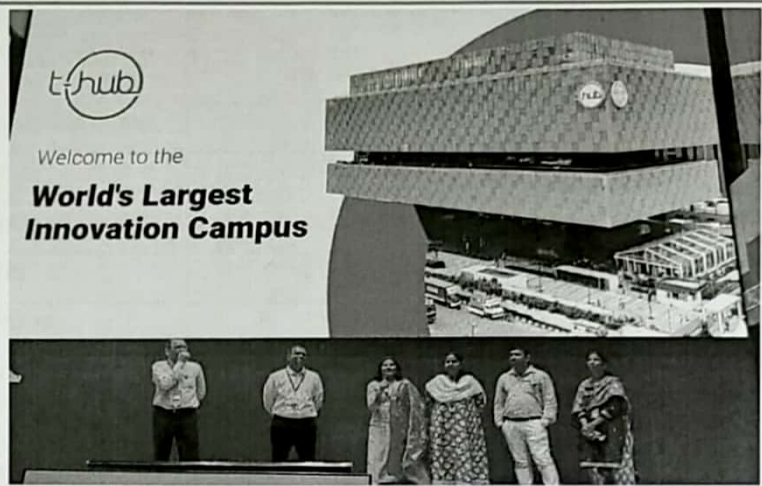
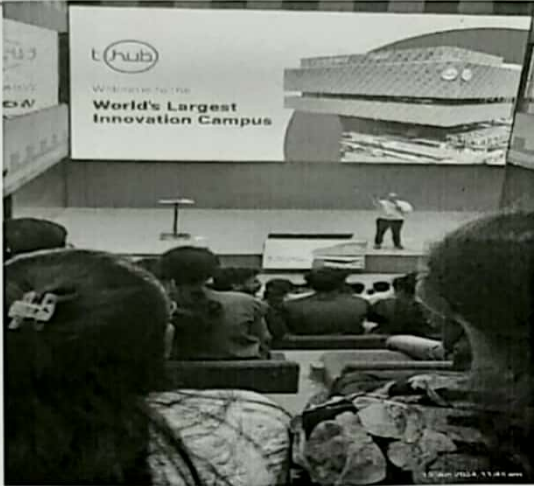
5. Networking and Collaboration

- T-Hub fosters collaboration by hosting events and networking sessions that bring together entrepreneurs, investors, and corporations. This visit gave participants insights into how networking is a critical component of the entrepreneurial ecosystem.
- Several opportunities for collaboration, especially in research and development, were explored during discussions with the T-Hub team.

The industrial visit to T-Hub was an enriching experience, providing participants with a deep understanding of the startup ecosystem and the role of incubation centers in nurturing innovation. The visit emphasized the importance of the Atal Innovation Mission's role in creating a sustainable innovation-driven economy in India. The participants gained valuable insights into entrepreneurship, innovation, and collaboration, which will help them in their future endeavors in the field of technology and business.

Event Photos:






List of Participants:

LIST OF FACULTY PARTICIPANTS		
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1	Ms. M. Bhavana	bhavana.m@sreyas.ac.in
2	Dr. B. Rohit Kumar	dr.b.rohitkumar@sreyas.ac.in
3	Dr. A. Swathi	aiml.hod@sreyas.ac.in
LIST OF STUDENT PARTICIPANTS		
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2	Parasara Srinivasa Bhattacharya	22VE5A0306
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4	Tejavath Akhil	22VE5A0308
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6	A Sandhya	21VE1A0401
7	Adla Govardhan	21VE1A0403
8	Alasakani Lehya	21VE1A0404
9	Amuka Sai Kiran	21VE1A0405
10	Anaganti Karthik	21VE1A0406
11	Bachu Sai Hruthik	21VE1A0407
12	Bathuka Lokesh	21VE1A0410
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18	Cholleti Sreeja	21VE1A0418
19	Danthuri Charan Kumar Goud	21VE1A0419
20	Dayyala Shirisha	21VE1A0420
21	Dharavath Sai Nishanth	21VE1A0421
22	Dongapure Keerthi	21VE1A0422
23	Dyavanapelli Thrisha	21VE1A0423
24	Errabelly Praneeth Babu	21VE1A0424
25	Gandla Charan	21VE1A0425
26	Garapati Preetham Shiva Rama	21VE1A0426
27	Gavvala Anusha	21VE1A0427
28	Godha Nikhitha	21VE1A0428
29	Golconda Lokesh	21VE1A0429
30	Golkonda Aishwarya	21VE1A0430
31	Gummadi Narendher	21VE1A0431
32	Gunda Kalyan Srinivas	21VE1A0432
33	Guntoju Shiva Sai	21VE1A0433
34	Gurram Ashish	21VE1A0434
35	Jaidapuram Karthik	21VE1A0435
36	Kakumari Tejashwar	21VE1A0436
37	Kalyani B	21VE1A0438
38	Karra Harini Santhoshi	21VE1A0439
39	Katta Prajith Reddy	21VE1A0440
40	Kukutlapally Thanuja	21VE1A0441
41	Medhini Dhori	21VE1A0442
42	Mediseti Sriram Surarchith	21VE1A0443
43	Meruva Venkat Narayana	21VE1A0444
44	N Varshaa	21VE1A0445
45	Nadikudi Ramyasree	21VE1A0446
46	Nanupatruni Nikhil Sai	21VE1A0447
47	Narmeta Abhinay	21VE1A0448
48	Neelam Rushik	21VE1A0449
49	Papani Akhiranandan	21VE1A0450
50	Patharla Yedu Vamshi	21VE1A0451

51	Pinikeshi Pranay Reddy	21VE1A0452
52	Pola. Navya	21VE1A0453
53	Polakonda Danusha	21VE1A0454
54	Polepally Akhil	21VE1A0455
55	Saikam Neha	21VE1A0456
56	Sangishetti Murali	21VE1A0457
57	Syed Aris Hussain	21VE1A0458
58	Syed Nooruddin Quadri	21VE1A0459
59	Thumma Bala Rohit Reddy	21VE1A0460
60	Vannawada Vamshidhar Reddy	21VE1A0461
61	Yegge Madhu	21VE1A0462
62	Yelagapuri Geethika	21VE1A0463
63	Addu Sri Charan	22VE5A0401


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SERVICE PROVIDERS

T-Hub

At T-Hub, we pioneer India's leading innovation ecosystem. We synergise start-ups, corporations, governments, academia, and investors to drive transformative change. Our innovation ecosystem stands firmly on seven key pillars bridging the gap between visionary entrepreneurs and corporates seeking the next big idea, and everyone in between.

T-Tribe, a Capacity Building Initiative

Capacity Building is one of the latest initiatives launched by T-Hub to empower students and early-stage entrepreneurs. As part of Capacity Building, there are three expertly curated programs – all aimed at nurturing the next generation of entrepreneurs.


T-Tribe Service Providers

T-Tribe is extending additional benefits to T-Tribe partner colleges, where we are catering advanced Service Providers to all the students & college. Following are the detailed offerings:

Service Providers	Offers	Mandates/Eligibility
AWS	\$5000 AWS Credits Technical and functional support Cost optimisation support	Active AWS Account Startup should be less than 10 years
Freshworks	For Tier 2 Startups (4000 USD Credits)- freshworks.com/partners/startup-program/t-hub	
Uber	Uber Executive Account Membership- No surge prices, cabs on priority.	NA
Mathworks	One year of free access to MATLAB, Simulink and over 100 add-on toolboxes Engineering support from MathWorks experts and access to online training and videos Access to MATLAB Central, a user community of 100k+ members that shares knowledge and code Opportunities to promote your product through MathWorks startup promotions program	NA
Site 24x7	Site24x7's 1 year pack worth \$468 to the entrepreneurs associated with T-Tribe too. https://www.site24x7.com/promo-signup.html For the educational institutions, we would like to provide Site24x7's 6 months pack worth \$234 as complimentary along with customer support and technical assistance. After which, they can avail a 20% discount on their actual purchase (billed annually). https://www.site24x7.com/promo-signup.html?pack=1006&utm_source=edu_2021	NA
Microsoft	Microsoft for Startups Program	Early stage startup
Lunchclub	Lunchclub is the world's largest AI - powered super connector that makes mutually relevant professional connections via video	NA

	<p>meetings. Users simply sign up for free and indicate their goals and interests that help users network globally. T-Hub communities get exclusive Lunchclub points upon sign up.</p> <p>Lunchclub can help your startup by: Unlocking business opportunities Find investors, partners Hire team members Identify service providers Grow your professional network and much more</p> <p>Sign up link: https://lunchclub.com/?invite_code=THub</p>	
Umasankar and Associates	25-30% discount on all legal support	NA
ABSOL	25-30% discount on hiring and recruitment support	NA
Miro	Eligible startups get \$1,000 in credit towards our Team Plan for unlimited time.	Early stage startup
Notion	Eligible startups get \$1,000 in credit towards our Team Plan for unlimited time.	Early stage startup
Zoho	1 year free access to ZohoOne suite of applications	Early stage startup
Esri	Geo-marketing tools credits	NA
Segment	T-Hub, in partnership with Segment Startup Program is offering \$25,000 worth of free Segment credits and a dealbook which contains over \$200,000 worth of free credits from companies like AWS, Clerky, Zendesk etc.	Early stage startup

NOTE: We request you to kindly access the [Link](#) & choose the service providers. You are allowed to choose multiple service providers from the above mentioned service offerings. Once we receive your request, we will share further steps which includes tripartite agreement among T-Tribe – Service Providers – College/Institute.


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Prospective Service Providers Enquiry for T-Tribe Partnered Colleges

Service Providers *

 ABSOL AWS Esri Freshworks Lunchclub Mathworks Microsoft Miro Notion Segment Site 24x7 Uber Umasankar and Associates Zoho

You may choose multiple service providers

Number of startups in your organization till date *

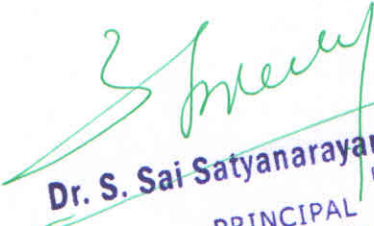
One from Mechanical Department

Are you interested in signing the tripartite agreement? *

 Yes No Maybe

Tripartite agreement will be documented among T-Tribe - Service Provider - College/Institute

Submit


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