#### SUSTAINABLE DEVELOPMENT GOALS



# 9. INDUSTRY, INNOVATION AND INFRASTRUCTURE



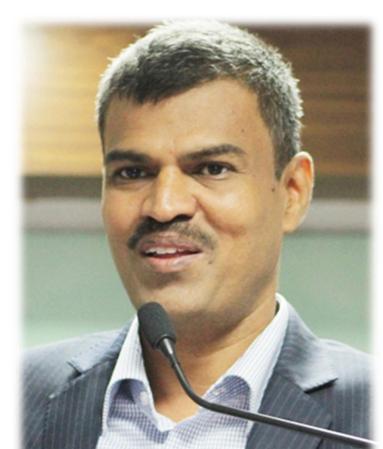




# Innovation and Incubation Ecosystem

Inspire • Innovate • Incubate









## Shri.P.Sriram

First Generation Entrepreneur and Industrialist Chairman, Chennai Institute of Technology



















## **Located Amidst of Industrial Hub**



Chennai Institute of Technology

SIPCOT Industrial Park, Sriperumpudur (15 KM from CIT)









Irungattukottai Industrial Park (7 KM from CIT)











**FLEXTRONICS** 

Maraimalai Nagar (34 KM from CIT)







Oragadam (33 KM from CIT)











Pillaipakkam Industrial Park (12 KM from CIT)









Vallam Industrial Estate (19 KM from CIT)









Ambattur Industrial Estate (25 KM from CIT)













## **About Us**



#### Position in tamilnadu

In Anna University Academic Performance Nov/Dec 2021









TNEA 2022

Most Preferred
Self Financing Engineer
Colleges in Tamilnadu





IDEA**Lab** 









## **Innovation**



Chennai Institute of Technology Innovation Lab

Idea lab

**Idea Clinic** 

Ideathon

Idea Generation Bootcamp

> CITIL SDG Hackathon

Pre -incubation program

**IIC Programmes** 

Startup boot camp

**EDC** 

Minor Degree in Innovation & Entrepreneurship

CITIL Innovation program



Chennai Institute Technology
Business Incubation Forum

Growth camp

Demo Day

**Founder Connect** 

**Investor Connect** 

Compliance Support Startup TN

Acceleration program

Start up Program

Startathon









Vision

To position CITBIF as a leading hub for deep-tech and manufacturing innovation, driving industry-academia collaboration for economic and societal impact

Mission

To build a supportive ecosystem that empowers students and startups through mentorship, technology, and CoEs, driving sustainable growth aligned with SDG







## **Key Objectives of CITIL**

Pre-incubation: A Vision for Innovation

Encourage a culture of ideation, experimentation, and innovation among students, faculty, and researchers.



Conduct practical sessions on emerging technologies, entrepreneurship, and innovation to build skills and foster real-world problem-solving.

Provide continuous mentoring, technical support, and networking opportunities to empower innovators at all levels.

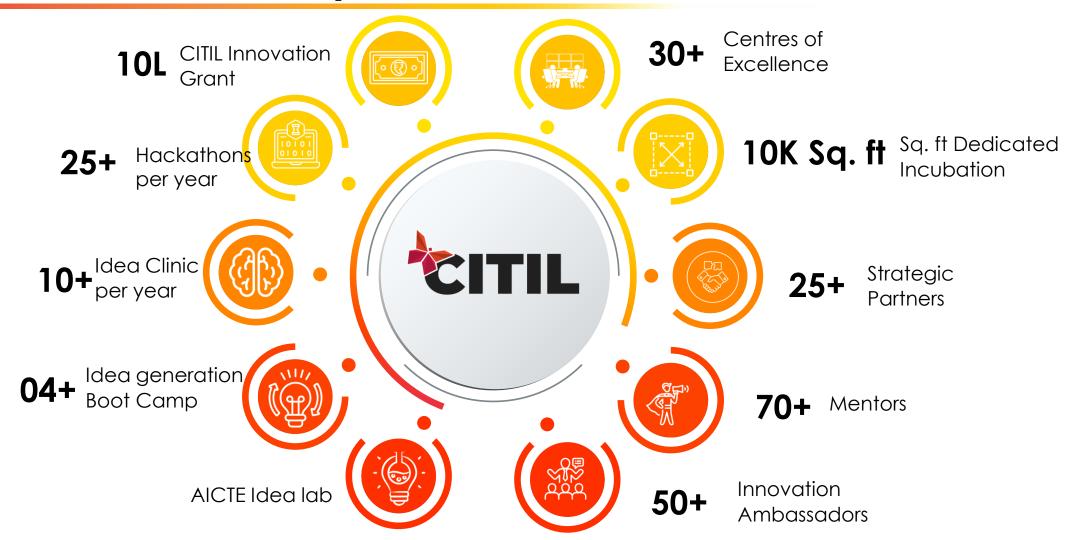
Drive deep tech innovation with a focus on sustainability, inclusivity, and social impact, fostering solutions aligned with UN SDGs.







## CITIL's Innovation Ecosystem

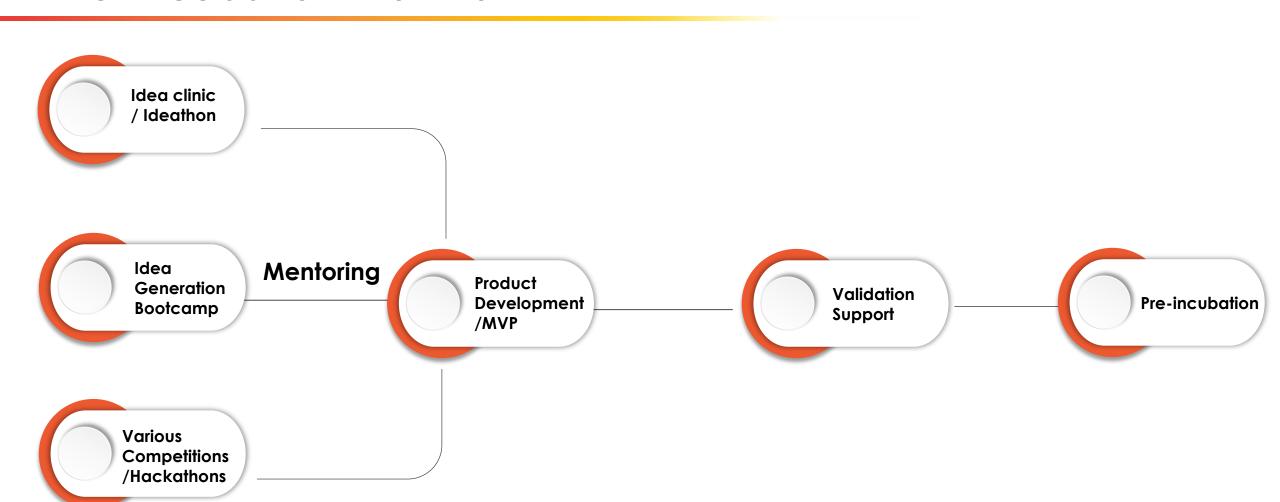








## **Pre-Incubation Workflow**





## **Idea Clinic Event**

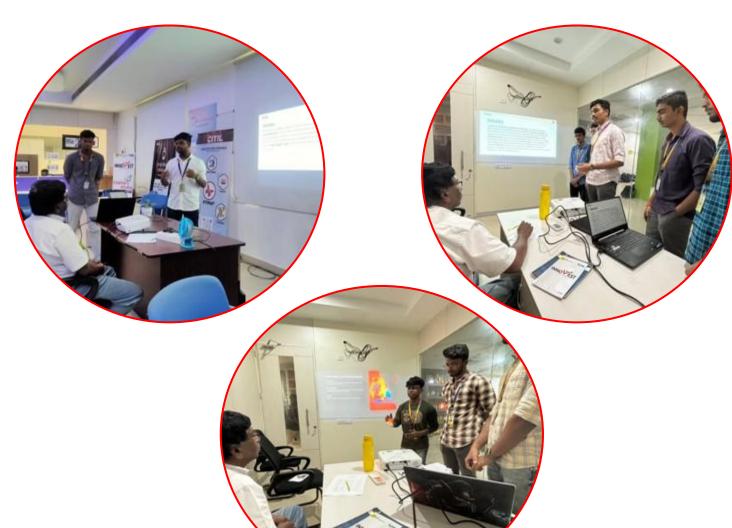
Innovate

Create

**Elevate** 













## Idea Generation Bootcamp

**Day 01** 

#### Ice breaking/ Problem Identification

- Brainstorming big ideas
- Problem-solving through design thinking,
- Transforming challenges into opportunities.

**Day 02** 

#### Design Thinking/ Ideation

- Sustainable Development Goals (SDGs)
- Problem identification
- Helping participants align their ideas with real-world challenges

**Day 03** 

#### Storyboard/ Visualisation

 Engaging session on Persona Building and Storyboarding **Day 04** 

**Elevator Day** 

• Final Pitch Deck













# **GO** Bonfiglioli

## **Smart Industry 4.0 Hackathon**

#### 500 Teams

Registrations

#### 2.5 lakhs

Online impressions

#### 25 Teams

Selected for the finale

#### 3 lakhs

Cash prizes awarded



















## Launch Pad Hackathon 2025

**2,500 Initial** 

Registrations

250 Students

Participate in the finale

1 lakhs

Online impressions

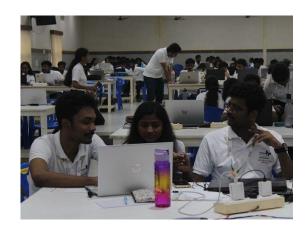
63 Teams

Selected for the finale

3 lakhs

Selected for the finale

















#### CITIL's SDG Hackathon' 2025

231 (Teams) 104 (Teams)

**Applications** 

Shortlisted

28 Teams

**Finalists** 

6 Teams

Winner

5 Grants were awarded

Two Teams ₹ 75k Grants each

Three Teams ₹ 50k Grants Each













#### **Focus Areas of Innovation**



**Industrial IoT & Automation** 



**Robotics** 



**Automotive innovations in EVs** 



Healthtech & Biomedical innovations.



**Space Tech advances** 



**Cyber-security** 



Edu Tech



**Semi-Conductors** 



Drone and Space Research



**Smart manufacturing** 



**Additive Manufacturing** 



Agri Tech

Green tech



Nano-Technology



Fin Tech



**Machine Learning** 



**Social Impact Innovation** 



ΑI



e - Commerce



**Energy & Climate Tech** 



**Logistics Tech** 







## Minor Degree in Innovation & Entrepreneurship

15 18 Assignments Case Studies Credits

Eligibility

Students from all **Engineering Disciplines**  Collaborated







Chennai institute of technology is proud to announce the

"Minor degree in Innovation and Entrepreneurship "

Leap for the Future, Soar up to the World











#### Mastering Gear Dynamics: From Fundamentals to Future Trends-

A three-day Innovation Festival at CIT

#### **Innovation Camp**

#### Day

- Pitchathon
- Workshops
- Master Class
- Keynote Session
- Quiz
- Wonderverse

#### Hackfest

# 7

Day

- CastNEx
- BioFab
- Workshops
- Master class
- Keynote Session
- Product Showcase

#### Startup Santhai

# Day

- Startup Showcase
- Investor Walk series
- One-one pitching
- Product Demo
- Startup/Product Launch
- Master Class
- Workshops
- Keynote Session















## **Ecosystem Partners**



























## Corporate Partnerships and Collaborations



























## **Ecosystem Testimonials**



Dr. A. Noorjahan, Bio-focus Scientific Solutions.

Campus and the infrastructure facility is very useful to students. Good, Hospitality, Responsive and interactive students and future entrepreneurs. Good initiatives and Talented. All the best for future entrepreneurs



Karthick Mari Pitchai
Founder and CEO Karking

It's wonderful initiative! That's too from first year students. I can see lot of potential from students of CIT, in my opinion CIT will have too many student startups incubated inside in another 3 years of span. The reason behind is CIT incubation centre and the team! Keep supporting!







### **Grants**

#### **Received Grants**









#### **IVP Grants Received**



















#### **MSME Grants Received**

Each Rs.15L

- Design of Breathalyzer of Non-Invasive Diagnosis of Tuberculosis
- Image Screening of Severity
- Air-Purifying Paver Blocks
- Hydrogen Powered Vehicle
- 3D Filament







## Collaboration – Fueling Startups



Credits ₹12L



Credits **₹1L** 



Credits ₹3L



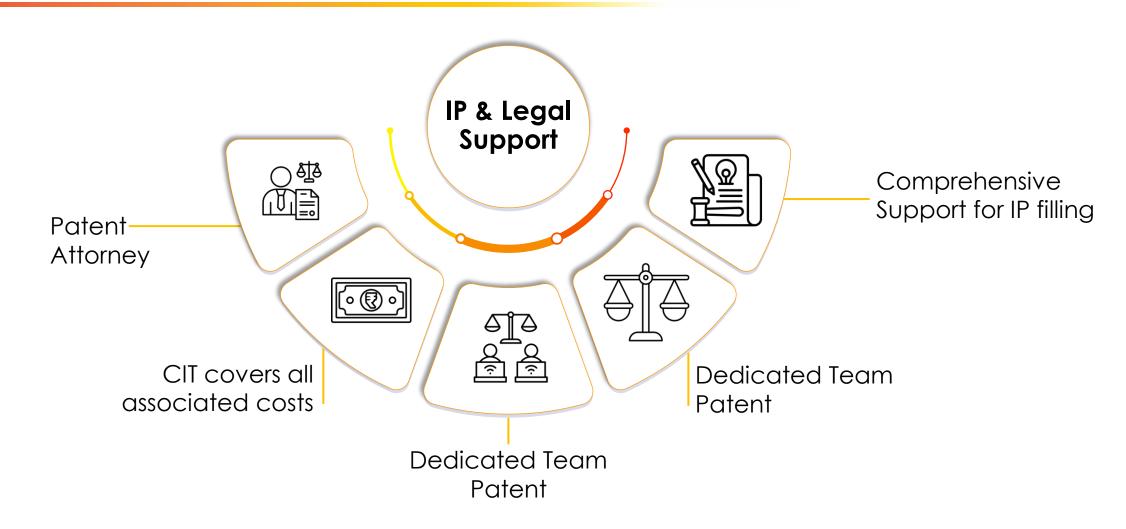
Credits **₹6L** 







## **IP & Legal Support**









## **Center of Excellence**

#### A Vision for Innovation

- Center For System Design (CSD)
- Center For 3D Printing And Reverse Engineering
- CIT KYUTECH WABCO Center For IOT
- Center For NC Technologies
- PEGA University Academic Program
- Accurate Center For Metrology
- KUKA CENTER FOR Industrial Robotics
- Harita Research Center In Mechanical Engineering
- PMKVY Skill Development Center
- Tekla Center For Buildings Education
- HCL Center For Embedded And Imaging Technology
- Center For Hi-tech Hydroponics R & D
- Center of Mruby

- Center for Machine Learning
- Center For Nanotechnology
- Center For Data Science & Research
- Center For Defense And Space Research
- Center For Biomedical Engineering And Research
- Center Of Excellence For Industrial Automation
- Cisco Networking Academy
- MHRD Institution's Innovation Council
- CENTER FOR NONLINEAR SYSTEMS(CNS)
- CENTER FOR ADDITIVE MANUFACTURING
- CENTRE OF PERPETUAL MECHANICS
- MoE's Institution Innovation Council
- Center of Semiconductor Hub







## Industry-Supported Technology Center on Campus



#### **KUKA Industrial Automation**

Having Its Office In Our Campus

The centre aims to train young engineering graduates and diploma students of all engineering disciplines up to the Industry expectations and foster research in applied robotics field.



#### Fronius Welding

Having Its Office In Our Campus

A company known for its advanced welding, solar energy, and battery charging solutions, has partnered to establishFronius Welding Research Center at our campus



#### **Bonfiglioli Cutting-Edge Academy**

Beyond the realm of research.

The collaboration focuses on real-world projects, offering hands-on experience and insights into industry best practices. Prepares a new generation of skilled professionals to address the challenges of a rapidly changing technological landscape.







#### **KUKA Centre for Advanced Industrial Robotics**





Machine vision tech



Spot welding



**Electronics applications** 



Pick and Place and Training purpose tech



Pick and place







## **Advanced Centre for Gear Box Design**



















## **Centre for Advanced Welding Technology**



















## Centre for Mruby-India's 1st Mruby Research Centre

A new era of research & innovation in lightweight Ruby programming for embedded systems and AI applications!















## Centre for semiconductor design Hub

Industry-standard tools - Synopsys, Cadence, Ansys, Keysight, Silvaco, and Xilinx Vitis, providing hands-on experience in VLSI design.

























## WABCO – CIT – KYUTECH Center of Excellence for IoT

- Platform for innovation in cutting edge technologies like IoT, NFV, 5G, M2M, D2D, Security
- Hands on training on Embedded system and IoT
- Undertaking corporate projects
- Undertaking NGO projects













## RANE NSK - Centre for Material Science

#### Collaboration with the RANE Group and NSK

#### **Technical Benefits**

- Hands-on CAD/CAM Software Training
- Real-World Engineering Skills
- Research with Industry Tools
- Mentoring by industrial experts and research faculties

#### **Career Development Benefits**

- Strong Industry Linkages
- Internship and Placement Advantages
- Ability to work on industry projects and prototype development
- Development of critical skills related to automotive and manufacturing industries









2024





285

**810** ( 500 WoS)

## Research Statistics

#### **Research Areas**

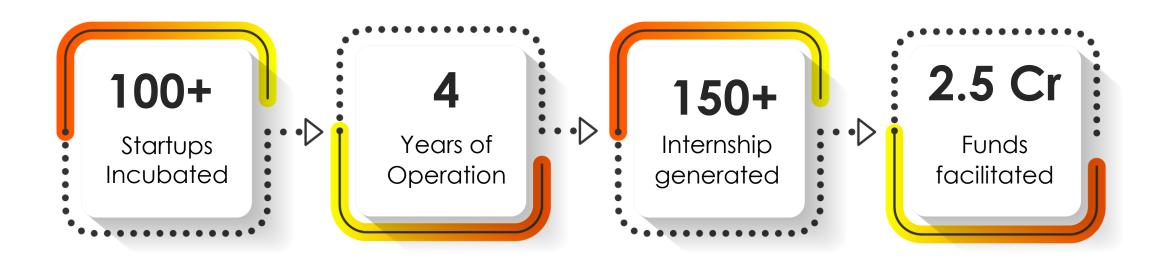
Additive Manufacturing | Artificial Intelligence | Automation and Robotics | Biomedical Materials and
Devices | Computational Modelling | Drone and Space Research | Green Energy and Smart Energy
Systems | Nanomaterials | Quantum Computing | Semiconductor and Opto Electronics | Sustainable
Materials | Vibration Analysis | Wireless Communications







# **CITBIF Impact Metrics**

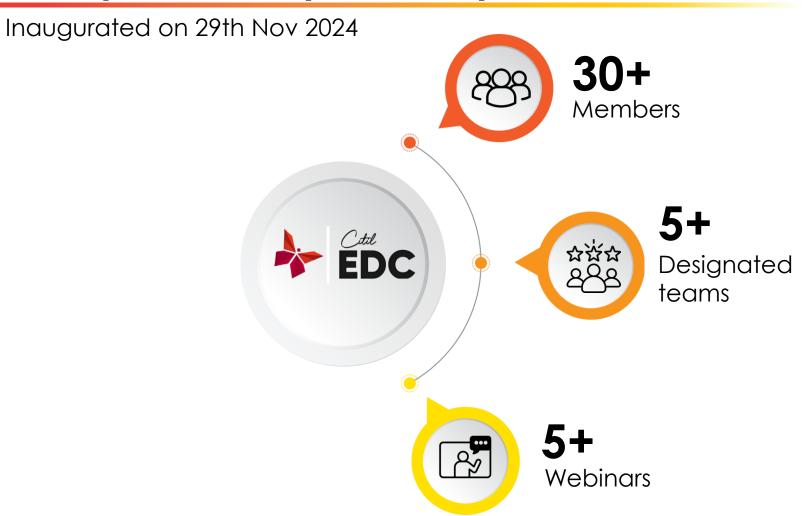








## Entrepreneurship development cell

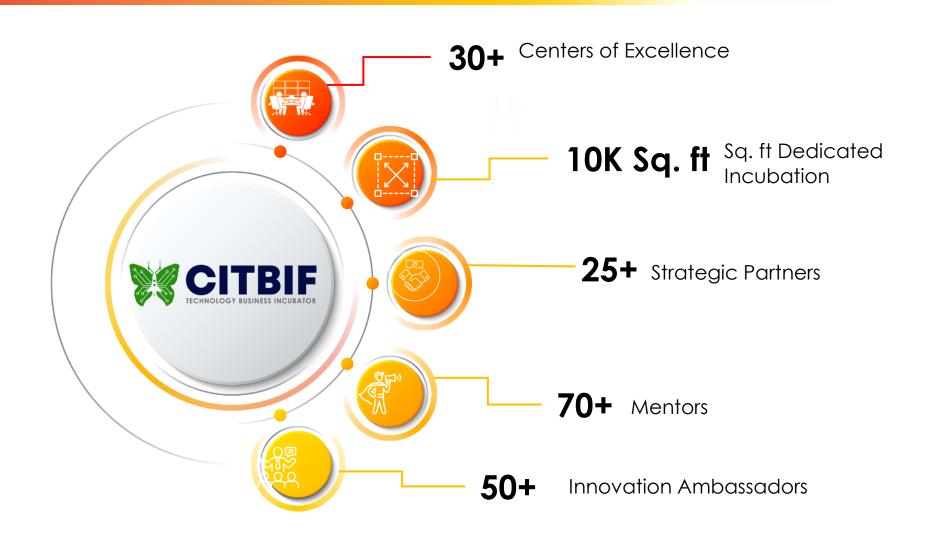








## **CITBIF**

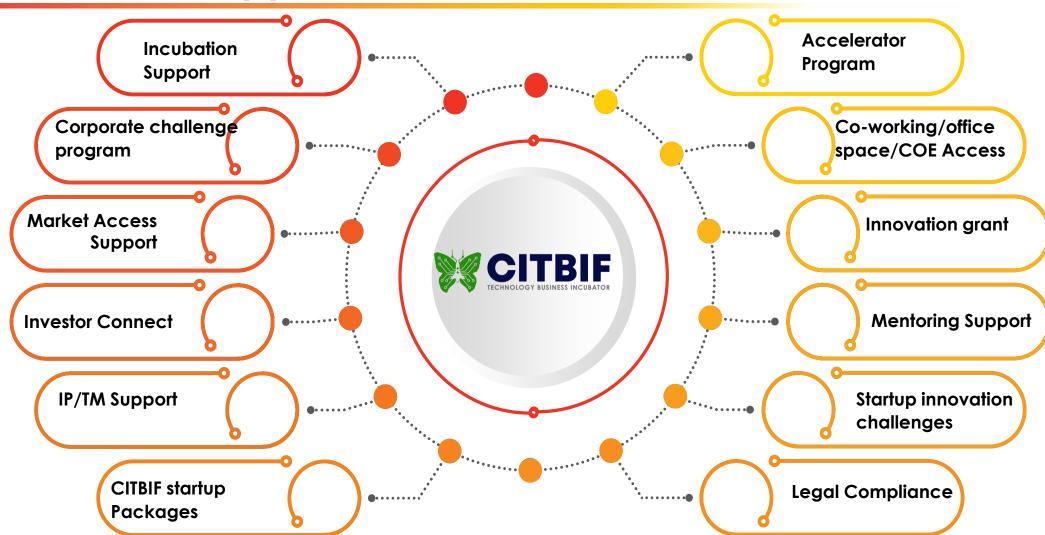








## Services and Support Provided









## **CITBIF Team**

- Mr S.Gokulakrishnan Director of INNOVATION
- Dr. R. Rajkamal –Head, Innovation & Incubation Initiatives
- Dr Dhanesh Babu S.D- Incubation Manager
- Dr B.Priya Innovation Manager
- Mr J.Zahid Hussain-Innovation Ambassador







Thank How

**Contact Details** 

#### Mr.Gokulakrishnan

Director-Innovation

Mobile: + 91 999 469 1313 Email: citbif@citchennai.net

Website: http://citinnovationlabs.in/





citchennai\_engineering











#### 9.3 List of university spin offs

Chennai Institute Technology Business Incubation Forum (CITBIF) is a business incubation forum that aims to support the growth and success of early-stage businesses. The organization provides resources, expertise, and mentorship to entrepreneurs and startups, helping them to develop their ideas and turn them into successful businesses.

S. No	Name of the company	Founder Name	Sector	MSME/CIN Number
1.	Airosspace R & D Pvt Ltd	Mr. Vasantharaj Rajagopal	Drone Tech	U72900TN2019PTC132125
2.	Karking Technologies Pvt Ltd	Mr. Karthik Mari Pitchai	Parking Tech	U72900TN2022PTC153427
3.	eDigiM Research Pvt Ltd	Dr. R. Dhanagopal	Research Tech	U72900TN2022PTC150614
4.	Namuvi Technologies Pvt Ltd	Mr. Elumalai Malayalathanam	E-Commerce	U58200TN2023PTC165005
5.	Blue Code Applications Pvt Ltd	Mr. Sudharshan Kumar M	Smart City	U72900TN2021OPC145240
6.	GoGoSoon Pvt Ltd	Mr. Saran.G	IT Tech Solution	U72900TN2019PTC127994
7.	Biofocus Scientific Solutions Pvt Ltd	Dr. A. Noorjahan	Live Science	U73200TN2021PTC142990
8.	KKR	Mr. Karthikesh	Manufacturing	TN-12-0032538
9.	Senscur	Mr. Jeeva S	Manufacturing	TN-24-0073896
10.	KV Biomedical	Mr. K. V. Praveen Kumar	Services	TN-19-0029252
11.	Thermox	Ms. Vishalini M	Manufacturing	TN-02-0272705
12.	Serenibots Innovation	Mr. V. Thelagan	Manufacturing	TN-02-0281576
13.	View	Mr. B. Anirudh	Services	TN-02-0302249
14.	WebInfinit	Mr. Avinash R	Services	TN-02-0283423
15.	ULOG3	Mr. Mithun Vimalan	Manufacturing	TN-29-0052709
16.	Pathavan	Mr. Kather	Services	TN-02-0297727
17.	Zetspace	Ms. Safa	Services	TN-04-0060962
18.	Monix	Mr. Monis Ram R	Services	TN-12-0125264
19.	EmpowerX Education	Mr. Noorul Naseem Akbar Shafi	Services	TN-22-0076369
20.	Malcome	Mr. Sitharshan Murali	TRADING	TN-04-0066265
21.	Bablo-Ad	Mr. Prasanna N	Services	TN-24-0095210
22.	Betshow	Ms. Poojaa Sri S	Manufacturing	TN-29-0064576
23.	Plumespaces	Ms. Keerthana R	Services	TN-34-0067884









24.	Quata Tech	Mr. Vishal D	TRADING	TN-02-0329913
25.	Intrino Robotics & Technologies Pvt Ltd	Mr. N. Balaji Narayanasamy	AR/VR	U72900TN2022PTC156472
26.	ARA Property Street Pvt Ltd	Mr. Deepak Kumar	Prop Tech	U68200TN2023PTC162104
27.	Mindplm Digital Service Pvt Ltd	Mr. George Mullar	ERP	U72900TN2021PTC145912
28.	Studai Edutech Pvt Ltd	Mr. Paul Jeevanesan A	Deep Tech - AI	U85500TN2024PTC168744
29.	VK Tutelage Pvt Ltd	Mr. K. Venkadesan	Edu Tech	U46496TN2024PTC173245
30.	Bigsibucks Innovation Pvt Ltd	Mr. Balaji Arumugam	Property Tech	U27400TN2024PTC169823
31.	Alephgen Constuction and Pvt Ltd	Mr. Joshua Sam D Paul	Prop Tech	U41000TN2024PTC167977
32.	AUTMAN Robotics Ltd	Mr. Pranav Suresh Kumar	Robotics	15961045
33.	INEM Technologies Pvt Ltd	Mr. Arul Anto Abhishek	Deep Tech - AI	U62091TN2023PTC163077
34.	Einsten's Robotics Pvt Ltd	Mr. Rudran	Deep Tech	U29300TN2022PTC153588
35.	Mechimed Technologies Pvt Ltd	Mr. Abhishake	Health care Tech	U32509TN2024PTC166587
36.	Kaizenspark Tech Pvt Ltd	Mr. Gurubalan	Deep Tech	U62010TN2024PTC174443
37.	BEEBOX Studios Pvt Ltd	Mr. Prasad Sukumaranunni	Deep Tech	U72501TN2017PTC117006
38.	Feston S.E.V. Private Limited	Mrs. Lathasri & Mrs.Sriram Sridevi	Solar Energy Tech	U26100TN2024PTC166836
39.	Netaq Motors Private Limited	Mr. Neelakandan	Manfacturing Sector	U45401TN2024PTC174600
40.	CyberXtron Technologies Pvt Limited	Mr. Santosh I	Deep Tech - Cyb.Sec	U62099TN2023PTC164301
41.	Lustral Innovations Pvt Limited	Mr. Aditya Patnaik	Clean Water	U74999KA2020PTC139775
42.	Live Box Technologies Private Limited	Mr. Raajamurugan R B	Deep Tech	U52609TN2021PTC141211
43.	Mayura Tyres Pvt Ltd	Mr. Anantha Krishnan Viswanath	Manufacturing sector	U22111TN2023PTC166259
44.	Knappit Innovation India Pvt Ltd	Mr. Venkatakrishnan Boobalan	Deep Tech - AI	U62091TN2024PTC170231
45.	Uniport Travel Tech Pvt Ltd	Mr. Nandha Kumar Vijayan	Travel Tech	U63999TN2023PTC161037
46.	Wing Coders Technologies Pvt Ltd	Mr. Ganapathy Gowthami	Deep Tech	U63112TN2023PTC158730
47.	Syncorb Fintech Pvt Ltd	Mr. Sadham Hussain	Expense Tracker	U66190TN2024PTC175046









48.	Festa solar Pvt Ltd	Mrs. Lathasri	Solar Energy Tech	U70109TN2018PTC125820
49.	Shastav Tech Pvt Ltd	Mr. Ashvin Shastav Sasidharan	Deep Tech	U78100TN2024PTC173680
50.	TMDZ Research Labs Pvt Ltd	Mr. Ravimukilan	Technology Innovation	EDII
51.	DiAtom Technologies	Ms. G. Dharanya	Environmental Technology	EDII
52.	Karthikesh Robotics	Mr. Karthikesh	Automation	EDII
53.	Des-Art	Mr. Jawahar H	Art-Tech	EDII
54.	Thaalam	Ms. Aishwarya	Creative Technology	EDII
55.	Hire Hub	Ms. Puvaneshwari	Services	TN-08-0092531
56.	Weld and Metal Fabrcaton Pvt Ltd	Mr. Harish V	Manufacturing	TN-08-0093021
57.	Noach Tech Solutions	Ms. Blessy Jeba Pushpam B	Manufacturing	TN-34-0075103
58.	Lumora Media	Mr. Sujankumar S	Services	TN-29-0073718
59.	Amma Samaiyal	Mrs. V. Geetha Ammal	Services	TN-02-0359265
60.	Pic-A-Board	Mr. Anish K	Manufacturing	TN-02-0376850
61.	Nearbuycart	Mr. Rajendra Prasad M	Services	TN-24-0143395
62.	Zyre Home Automation	Mr. Gokulan	TRADING	TN-04-0058638
63.	The Robovision	Mr. Sarvesh Raj J	Manufacturing	TN-08-0119298
64.	HAZYLABS	Mr. Shree Shanth R	Services	TN-02-0409079
65.	Biovisonaries	Ms. Rajalakshmi	Manufacturing	TN-12-0159319
66.	Smartfab	Mr. Anzer Akzen S	Manufacturing	TN-32-0088109
67.	Kwelz Industries	Mr. Naveen Kumar S	Manufacturing	TN-24-0152801
68.	Intakeoff .AI	Mr. Kaleeswaran M	Services	TN-34-0094789
69.	SOLFUSIONTECH PRIVATE LIMITED	Mr. Yogesh V	Manufacturing	TN-36-0047706
70.	Agathish Edu Services Pvt Ltd	Mr. Gnana Moorthy Bala Kirubakaran	Edu Tech	U80101TN2019PTC131578
71.	Kipnotics Solutions(OPC) Pvt Ltd	Mrs. Paneerselvi (Iashanth)	Prop Tech	U43309TN20230PC163804
72.	Vivodobots Pvt Ltd	Mr. Babu Dhinesh	Robotics	U29200TN2021PTC143795
73.	Innolift Ventures Pvt Ltd	Dr. Srivel	Saas Tech	U62099TN2024PTC033061
74.	Zerta Business Solution Pvt Ltd	Mr. Arnold Ranjith	Legal Tech	U62099TN2024PTC175725
75.	FLONIX HEALTH CARE PVT LTD	Ms. Gokula valli	Health Care	U13996TN2025PTC178848









76.	Kaama Technologies Pvt Ltd	Mr. Karthik Mari Pitchai	Deep Tech - Service	U72100TN2025PTC177757
77.	Znyck Technologies Pvt Ltd	Mr. Blesson Thomas	Deep Tech	U62013TN2023PTC163512
78.	Hovernest Pvt Ltd	Mr. Brighten Samuel	Deep Tech - Drone & Parts Mfg	U85500TN2024PTC170870
79.	Quexi Technologies Pvt Ltd	Mr. Jeyan R	Deep Tech	U62099TN2024PTC174992
80.	Maidsy Technology Solutions Pvt Ltd	Mr. Raguraman Srinivasan	Deep Tech - SAAS	U78300TN2024PTC171488
81.	Semicon Solar Pvt Ltd	Mr. Sriram Balakrishnan	Solar	U47890TN2025PTC179663
82.	Qortxpro Tech Advisory Pvt Ltd	Mr. Thathachary Renganathan Sriram	Additive Manufacturing	U74909KA2024PTC187410
83.	AIAERO India Pvt Ltd	Mr. Rajeshkumar	IoT based DRDO Project Execution	U63999TN2024PTC168180
84.	Fixora Evcare Pvt Ltd	Mr. Vedhagiri	Energy- EV Tech	U45200TN2025PTC179061
85.	Gogreen Charging India Pvt Ltd	Ms. Dhanaselvi	Energy- EV Tech	U35109TN2024PTC175283
86.	SoooryaEV India Pvt Ltd	Mr. Christie Fernandez	Automotive, Sustainable Mobility	U29302TN2024PTC168105
87.	Auraa Aerospace Pvt Ltd	Mr. Jeevaranjan	Drone	U26515TN2025PTC176150
88.	Pristyn Automation Pvt Ltd	Mr. Radhakrishnan	Solar Pannel - Automate Cleaning	U29299TN2022PTC149789
89.	AramPorul Tech Pvt Ltd	Mr. Vijay Jayachandran	Edu Tech	U72900TN2022PTC155631
90.	Reude Technologies Pvt Ltd	Mr. Reginald C	Drone	U26515TN2024PTC171846
91.	Synccare Technologies Pvt Ltd	Mr. Sarfaraz Lakhani Asura / Ms. RASIKA ABHIJEET BIREWAR	Health care	U86201MH2025PTC438650
92.	Organogenik Biotech Pvt Ltd	Ms. Shamini	Agri Tech	U73100TN2019PTC131420
93.	India's First Convertible Scooter E-Bike	Mr. Neelakandan Kandasamy	Electric Vehicle	EDII - Voucher A
94.	Small Satellite with Neuromorphic Sensors based EO Payload	Mr. Mithun Vimalan S A	Space Technology	MSME
95.	Hydrogen Fuell Cell	Mr. Naveen Kumar S	Energy Systems	MSME
96.	Rescue Wings Advanced Solution for Diester Life-	Mr. Shreenivas A	Emergency Response Tech	MSME









97.         Techiegen         Mr. Surender         Manufacturing         MSME           98.         Listrik Motors         Mr. Anthuvan Infant Rosario C         Manufacturing         MSME           99.         Design of Breathalyzer of Non-Invasive Diagnosis of Tuberculosis         Ms. Sharmili         Diagnostics         MSME           100.         MAM Industries         Mr. Vignesh Kumar         Engineering Solutions         EDII           101.         Quazar Motor         Mr. Ruban         Electric Mobility         EDII           102.         Fuinn Tech         Mr. Yuvaresh Chandrasekaran         Green Tech         MSME           103.         Image Screening of Severity         Dr. Kayal Vizhi         Benvironmental Environmental Engineering         MSME           104.         Air-Purifying Paver Blocks - Nanocomposites         Dr. Partheeban         Environmental Engineering         MSME           105.         Hydrogen Powered Vehicle         Mr. Kodavati Hydrogen Sumanth         Technology         MSME           106.         AgriCMSD         Mr. R.Sanjay Kumar         AgriTech         MSME           107.         Gomonetize         Mr. Dhinakaran         Digital Marketing         EDII           108.         Stride N Style         Ms. Raja Sai Rishitha         E-commerce         MS		Saving Missions			
98.       Listrik Motors       Rosario C       Manufacturing       MSME         99.       Design of Breathalyzer of Non-Invasive Diagnosis of Tuberculosis       Ms. Sharmili       Diagnostics       MSME         100.       MAM Industries       Mr. Vignesh Kumar       Engineering Solutions       EDII         101.       Quazar Motor       Mr. Ruban       Electric Mobility       EDII         102.       Fuinn Tech       Mr. Yuvaresh Chandrasekaran       Green Tech       MSME         103.       Image Screening of Severity       Dr. Kayal Vizhi       Diagnostics       MSME         104.       Air-Purifying Paver Blocks - Nanocomposites       Dr. Partheeban       Environmental Engineering       MSME         105.       Hydrogen Powered Vehicle       Mr. Kodavati Hydrogen Technology       MSME         106.       AgriCMSD       Mr. R.Sanjay Kumar       AgriTech       MSME         107.       Gomonetize       Mr. Dhinakaran       Digital Marketing       EDII         108.       Stride N Style       Ms. Raja Sai Rishitha       E-commerce       MSME         109.       Arwin Networks       Mr. P. Manoj Arwin       Networking       MSME         110.       Bio- Add       Mr. Mohit M       Bio-based Materials       MSME	97.	Techiegen	Mr. Surender	Manufacturing	MSME
99. of Non-Invasive Diagnosis of Tuberculosis  100. MAM Industries  Mr. Vignesh Kumar  Engineering Solutions  EDII  101. Quazar Motor  Mr. Ruban  Mr. Yuvaresh Chandrasekaran  Image Screening of Severity  104. Air-Purifying Paver Blocks - Nanocomposites  105. Vehicle  106. AgriCMSD  Mr. R. Sanjay Kumar  MSME	98.	Listrik Motors		Manufacturing	MSME
101. Quazar Motor Mr. Ruban Electric Mobility  102. Fuinn Tech Mr. Yuvaresh Chandrasekaran Green Tech MSME  103. Image Screening of Severity Dr. Kayal Vizhi Diagnostics MSME  104. Air-Purifying Paver Blocks - Nanocomposites Hydrogen Powered Vehicle Sumanth Technology Mr. Kodavati Hydrogen MSME  105. AgriCMSD Mr. R.Sanjay Kumar AgriTech MSME  107. Gomonetize Mr. Dhinakaran Digital Marketing EDII  108. Stride N Style Ms. Raja Sai Rishitha E-commerce MSME  109. Arwin Networks Mr. P. Manoj Arwin Networking MSME  110. Bio- Add Mr. Mohit M Bio-based Materials Mr. Sachin Mathew J Al-driven Analytics EDII  112. FarmXS Ms. Suvadra Kundu Smart Farming MSME	00	of Non-Invasive Diagnosis of	Ms. Sharmili	Diagnostics	MSME
101. Quazar MotorMr. RubanMobilityEDII102. Fuinn TechMr. Yuvaresh ChandrasekaranGreen TechMSME103. Image Screening of SeverityDr. Kayal VizhiHealthcare DiagnosticsMSME104. Air-Purifying Paver 	100.	MAM Industries	Mr. Vignesh Kumar		EDII
Chandrasekaran   Green Fech   MSME	101.	Quazar Motor	Mr. Ruban		EDII
Diagnostics   MSME	102.	Fuinn Tech		Green Tech	MSME
Blocks - Nanocomposites   Dr. Partheeban   Engineering   MSME	11131		Dr. Kayal Vizhi		MSME
103.VehicleSumanthTechnologyMSME106.AgriCMSDMr. R.Sanjay KumarAgriTechMSME107.GomonetizeMr. DhinakaranDigital MarketingEDII108.Stride N StyleMs. Raja Sai RishithaE-commerceMSME109.Arwin NetworksMr. P. Manoj ArwinNetworkingMSME110.Bio- AddMr. Mohit MBio-based MaterialsMSME111.Empathizer InsightsMr. Sachin Mathew JAI-driven AnalyticsEDII112.FarmXSMs. Suvadra KunduSmart FarmingMSME	104.		Dr. Partheeban		MSME
106. AgriCMSDMr. R.Sanjay KumarAgriTechMSME107. GomonetizeMr. DhinakaranDigital MarketingEDII108. Stride N StyleMs. Raja Sai RishithaE-commerceMSME109. Arwin NetworksMr. P. Manoj ArwinNetworkingMSME110. Bio- AddMr. Mohit MBio-based MaterialsMSME111. Empathizer InsightsMr. Sachin Mathew JAI-driven AnalyticsEDII112. FarmXSMs. Suvadra KunduSmart FarmingMSME	105.	3 C			MSME
107. Gomonetize Mr. Dhinakaran Marketing  108. Stride N Style Ms. Raja Sai Rishitha E-commerce MSME  109. Arwin Networks Mr. P. Manoj Arwin Networking MSME  110. Bio- Add Mr. Mohit M Bio-based Materials  111. Empathizer Insights Mr. Sachin Mathew J AI-driven Analytics EDII  112. FarmXS Ms. Suvadra Kundu Smart Farming MSME	106.	AgriCMSD	Mr. R.Sanjay Kumar		MSME
109. Arwin NetworksMr. P. Manoj ArwinNetworkingMSME110. Bio- AddMr. Mohit MBio-based MaterialsMSME111. Empathizer InsightsMr. Sachin Mathew JAI-driven AnalyticsEDII112. FarmXSMs. Suvadra KunduSmart FarmingMSME	107.	Gomonetize	Mr. Dhinakaran	- C	EDII
110. Bio- Add Mr. Mohit M Bio-based Materials  111. Empathizer Insights Mr. Sachin Mathew J AI-driven Analytics EDII  112. FarmXS Ms. Suvadra Kundu Smart Farming MSME	108.	Stride N Style	Ms. Raja Sai Rishitha	E-commerce	MSME
110. Bio- Add     Mr. Mohit M     Materials       111. Empathizer Insights     Mr. Sachin Mathew J     AI-driven Analytics     EDII       112. FarmXS     Ms. Suvadra Kundu     Smart Farming     MSME	109.	Arwin Networks	Mr. P. Manoj Arwin	Networking	MSME
111. Empathizer Insights Mr. Sachin Mathew J Analytics EDII  112. FarmXS Ms. Suvadra Kundu Smart Farming MSME	110.	Bio- Add	Mr. Mohit M		MSME
Digital Digital	111.	Empathizer Insights	Mr. Sachin Mathew J		EDII
Digital	112.	FarmXS	Ms. Suvadra Kundu	Smart Farming	MSME
113. Gen Z Marketers Mr. Dhanush EDII  Marketing	113.	Gen Z Marketers	Mr. Dhanush	Digital Marketing	EDII
114. TechMedZ Mr. Ravimukilan HealthTech MSME	114.	TechMedZ	Mr. Ravimukilan	HealthTech	MSME

Few of the spin offs are financially supported by the Institute.









#### 9.4 Research income from industry

As part of research initiatives, the students and faculty members are involved in developing innovative solutions for the below industries.

accenture	TATA CONSULTANCY SERVICES	TVS	
Accenture Solutions Pvt. Ltd	TATA Consultancy Services	TVS	
DEC4THLON	Bonfiglioli We engineer open mg	GOKUL AUTO COMPONENTS	
Decathlon	Bonfiglioli, Transmission private limited	MK auto Gokul Autotech Components Pvt. Ltd	
TRIPOWER Electrical Supply and Services	Corporate Solutions Redefined	DAIMLER  Daimler India Commercial Vehicles.	
Tripower Technologies Pvt. Ltd	Coporate Solutions Redefined India Pvt.Ltd	Daimler India Commercial Vehicles Pvt Ltd	
MAESTRO STEEL DETAILING INC	Veskay Enginesring — Spirit of Greetlence —	CH	
Maestro Steel Detailing Inc	nestro Steel Detailing Inc VEEKAY Engineering		
MARUTHI <sup>®</sup> POWER CONTROL SYSTEMS	ESVOT T	Chennai.  WINMACH AUTOMATIONS PVT LTD  MANUFACTURER OF PRECISION MACHINED COMPONENTS	
Maruthi Power control systems, Chennai	Swot Technologies PVT Ltd	Win Mach Automations PvtLtd Ambattur, Chennai	















RRT Power Tech pvt ltd

Rane NSK Steering Limited, Chennai CAD Macro Design & Solutions Pvt Ltd

Income of INR 4,23,60,000/- is generated through various industry sponsored projects.