



## **The ICF AI University, Tripura**

# **Half-Yearly Report: September 2024 - March 2025**

## **The ICF AI University Tripura – Startup and Incubation Centre & Institution's Innovation Council.**

### **Executive Summary:**

This report summarizes the various initiatives and events organized by ICF AI University Tripura's Institution's Innovation Council (INSTITUTION'S INNOVATION COUNCIL), Startup & Incubation Centre, and collaborating departments from September 2024 to March 2025. These activities aimed to foster innovation, entrepreneurship, and technical skill development among students, faculty, and the wider community. The report highlights the university's commitment to aligning academic goals with industry needs and contributing to the regional entrepreneurial ecosystem.

### **I. Events and Activities:**

#### **September 2024:**

- **Engineers' Day Celebration & IDEATHON 2024 (16th September 2024):**
  - Organized by: Department of Computer Science and INSTITUTION'S INNOVATION COUNCIL.
  - Venue: Civil Lab Auditorium.
  - Objective: To celebrate Engineers' Day and provide a platform for students to showcase tech-driven ideas.
  - Highlights: Industry and academic leaders' talks, student presentations, and awards for top innovative ideas.
  - Winners: IoT-Based Unified Anti-Theft Device (1st), Rental Car (2nd), Calmnest (Special Mention).



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- **Two-Day Workshop on Exposure & Emerging Technologies in Rubber Industry (9th-10th September 2024):**
  - Organized by: Department of Mechanical Engineering and INSTITUTION'S INNOVATION COUNCIL.
  - Venue: Auditorium.
  - Objective: To expose students to the rubber industry and promote sustainable innovation.
  - Highlights: Field visits, expert lectures, and discussions on biodegradable materials and AI-based solutions.



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**October 2024:**

- **Motivational Session: "My Story – Motivational Session by Successful Innovators" (23rd October 2024):**
  - Organized by: INSTITUTION'S INNOVATION COUNCIL, Department of BPED, and Startup & Incubation Centre.
  - Speaker: Mr. Dipta Chakraborty
  - Objective: to inspire students to find startup opportunities in the field of physical education.
  - Highlights: personal innovation journey, startup fundamentals.



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- **Motivational Session: "From Ideas to Impact – Motivational Session" (23rd October 2024):**
  - Organized by: INSTITUTION'S INNOVATION COUNCIL, Department of B.Ed., and Startup & Incubation Centre.
  - Speaker: Mr. Dipta Chakraborty
  - Objective: to inspire students to find startup opportunities in the education sector.
  - Highlights: personal innovation journey, startup fundamentals.



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- **IDEATHON-2024 – Faculty of Management and Commerce (30th October 2024):**
  - Organized by: Faculty of Management and Commerce, Entrepreneurship Development Centre, and INSTITUTION’S INNOVATION COUNCIL.
  - Venue: Room No. 434.
  - Objective: To inspire entrepreneurial thinking and showcase student business ideas.
  - Highlights: Student presentations, expert panel discussions, and awards.
  - Highlighted Student Business Ideas: Urban Koala, Garage Guru, ZIVA.



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- **IDEATHON Event during Institution's Innovation Day Celebration (25th October 2024):**

- Organized by: Startup and Incubation Centre & Institution's Innovation Council (INSTITUTION'S INNOVATION COUNCIL).
- Venue: Civil Lab Auditorium.
- Objective: To promote a spirit of innovation and entrepreneurship among students.
- Highlights: Motivational talk on Dr. Kalam's legacy, student presentations, and awards.
- Winners: Greenlop Creation (1st), FREAK (2nd), Kalpit (3rd).



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### November 2024:

- **Poster Presentation of Ideas (11th November 2024):**

- Organized by: Department of Chemistry, INSTITUTION'S INNOVATION COUNCIL, and Vigyan Mancha-Tripura.
- Venue: Civil Lab Auditorium.
- Objective: To encourage students toward entrepreneurship and innovation.
- Highlights: Student presentations, expert talks, and interdisciplinary thinking.

- Highlighted Student Business Ideas: Kalpit, RentCar, Smart Kissan.



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- **Two-Day Cyber Security Awareness Program & Technical Idea Hackathon (6th-7th November 2024):**

- Organized by: Department of Computer Science and Technology and INSTITUTION'S INNOVATION COUNCIL, in collaboration with DIT, Agartala.
- Venue: Civil Lab Auditorium & Ground Floor Auditorium.
- Objective: To raise cyber security awareness and foster innovative solutions.
- Highlights: Expert sessions, panel discussions, and a Technical Idea Hackathon.
- Hackathon projects: SafeVault, SHADOWTALK, Anti-Theft Device Model.



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- **Workshop on Entrepreneurship and Innovation as a Career Opportunity (14th November 2024):**
  - Organized by: Startup and Incubation Centre & Institution's Innovation Council (INSTITUTION'S INNOVATION COUNCIL).
  - Venue: Ground Floor Auditorium.
  - Objective: To promote entrepreneurial mindset and innovation among students.
  - Highlights: Talks from MSME Technology Centre and industry experts.



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#### **December 2024:**

- **Exposure Visit to TRTC, Agartala (10th December 2024):**
  - Visited by: Dipta Chakraborty and final-year CSE students.
  - Objective: To explore TRTC's facilities and support for student prototypes.
  - Highlights: Interaction with technicians, live demonstrations, and discussions on collaboration.



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### January 2025:

- **Outreach Training Program on Intellectual Property Rights (IPR) (21st January 2025):**
  - Organized by: DPIIT-IPR Chair, NLUJAA Assam, IPR Society, Faculty of Law, and INSTITUTION'S INNOVATION COUNCIL.
  - Venue: ICFAI University Tripura.
  - Objective: To spread awareness and practical understanding of IPR.
  - Highlights: Expert sessions on patents, GIs, and plant variety protection.



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- **Launch of Tripura Startup Policy 2024 (24th January 2025):**

- Organized by: Government of Tripura.
- Venue: Pragya Bhavan, Agartala.
- Participation: ICFAI University Tripura delegation exhibited student projects.
- Highlighted Student Projects: Blood Link, Automated Sweeping Car and Garbage Collector.



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- **MoU Signing & Networking Event – Tripura & Digital India BHASHINI (28th January 2025):**

- Organized by: Government of Tripura in collaboration with Digital India BHASHINI Division (DIBD).
- Venue: Pragya Bhavan, Agartala.
- Participation: ICFAI University Tripura Students and faculty.
- Highlights: Historic MoU signed, Bhashini Rajyam workshop.



Facebook Link: <https://www.facebook.com/share/p/15aFTinyrh/>

## February 2025:

- **Process of Innovation Development Workshop (18th February 2025):**
  - Organized by: Institution's Innovation Council & Startup & Incubation Centre.
  - In Collaboration with: Fueler.
  - Venue: Ground Floor Auditorium.
  - Objective: To bridge academic learning and career opportunities through innovation and digital portfolios.
  - Highlights: Keynote session by Riten Debnath, interactive Q&A and mentorship.



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## **March 2025:**

- **TechNOVATE 2025 during ICARIA 2025 (26th-29th March 2025):**
  - Organized By: Startup and Incubation Centre & Institution's Innovation Council (INSTITUTION'S INNOVATION COUNCIL).
  - Venue: ICFAI University Tripura.
  - Highlights: Bug hunting competition, app/web development, drone fight, robo car war, Technical projects exhibition.
  - Participant universities: icaifi tripura, holly cross college, national forensic college, techno college of engineering, tripura institutes of technology, national institute of engineering.

## **II. Key Outcomes and Impact:**

- Increased entrepreneurial awareness and interest among students.
- Enhanced practical skills through workshops, competitions, and field visits.
- Strengthened industry-academia collaboration.
- Improved student readiness for future careers and entrepreneurial ventures.
- Reinforced the university's commitment to supporting the regional startup ecosystem.
- Increased awareness of IPR.
- Support of the Tripura startup policy.

## **III. Future Directions:**

- Continued collaboration with industry and government partners.
- Expansion of incubation and startup support services.
- Focus on interdisciplinary innovation projects.
- Increased engagement with the local entrepreneurial community.
- Further workshops related to digital portfolios, and startup ideation.