SparkVenture
IGNITE INNOVATION CHALLENGE

Bridging Academia and Industry for Technological Triumphs

'Spark Venture - Ignite Innovation Challenge' is a student project/start-up funding initiative instituted by **Freston Analytics Private Limited** and **ProSEED** (Professional Skill Enhancement in Engineering and Data), conducted in association with the Department of **Computer Science and Engineering**, **IIC** and **IEEE Computer Society** Chapter, **Toc H Institute of Science and Technology**, Arakkunnam.

We welcome **project proposals from engineering students showcasing unique project or startup ideas**. Exceptional proposals will stand a chance to receive grants to transform their ideas into products. The challenge will run as a 7-month contest cycle, culminating on 25 November, 2024.

OBJECTIVE:

Empowering creative student projects through financial grants to evolve them into tangible products, thereby cultivating a dynamic and lively environment that stimulates and nurtures a thriving startup ecosystem within the country. The initiative specifically focuses on startup ideas, aiming to ignite innovation among students and serve as a catalyst for their entrepreneurial endeavours.

ELIGIBILITY:

Engineering students currently enrolled in any branch across the colleges in Kerala.

TEAM SIZE:

The team size is limited to a minimum of 2 and a maximum of 4 students, plus a faculty supervisor.

DOMAIN:

IT and IoT solutions to address challenges across various sectors including Healthcare, EdTech, FinTech, Intelligent Urban Systems, Renewable Energy, AgriTech, Sustainability and Environmental Conservation, Cybersecurity, Retail Technology etc.

FEE: No registration fees.

FRESTON ANALYTICS

Freston Analytics Pvt. Ltd. is a software solutions company, holding expertise in the area of digital transformation: IT consulting, managed IT services, Data Analytics and Cloud solutions. The company has established reputation as a trusted technology partner for global companies – delivering intuitive and reliable technology solutions. Their services are based across three offices packed with creativity – India, Dubai and United Kingdom. The company also actively collaborates with top universities and premium educational institutions in developing industry centric technology curriculum for post graduate courses and research.　　　🌐 https://www.frestonanalytics.com/

ProSEED — **Pro**fessional **S**kill **E**nhancement in **E**ngineering and **D**ata

ProSEED is a venture from Freston Analytics with a vision to bridge between Academia and Industry. The skill enhancement initiatives from ProSEED aims at nurturing talent and in empowering individuals to embark on a journey of professional excellence. Such initiatives aid to empower students with cutting-edge knowledge and hands-on expertise, equipping them to thrive in the dynamic world of technology. It offers a platform for transformation, where careers are cultivated, and dreams are realized. ProSEED inculcates learning as a transformative experience for unlocking limitless possibilities.　　　🌐 https://www.theproseed.io/

Toc H Institute of Science and Technology, Arakkunnam, Ernakulam, established in 2002, is affiliated with APJ Abdul Kalam Technological University (KTU) and approved by the All India Council for Technical Education (AICTE), New Delhi, and the Government of Kerala. Toc H is accredited by NAAC (National Assessment and Accreditation Council), with five **NBA** (National Board of Accreditation) accredited programs (CE, CSE, ECE, ME & FS – since October 2017 to June 2026) and ISO 9001:2015 Certification which ensure top-quality learning environment. The Institution is a leading centre for research, recognized as Scientific and Industrial Research Organization (SIRO) by the Department of Scientific & Industrial Research (DSIR), Govt. of India and a KTU approved Research Center. TIST is actively working with various projects under Unnat Bharat Abhiyan (UBA) & Sansad Adarsh Gram Yojana (SAGY) schemes of Govt. of India. The college offers nine undergraduate programmes and seven post graduate programmes including MBA.　　　🌐 https://tistcochin.edu.in/

Department of Computer Science and Engineering

The Department of Computer Science and Engineering, since its inception in 2002, imparts quality education in the field of B.Tech Computer Science and Engineering, keeping in mind the requirements of the dynamic, innovative and highly global environment of the present era. The UG program, with a sanctioned intake of 120, is accredited by NBA. The department also offers interdisciplinary M.Tech course in Data Science, since 2020, which is one of the most sought after courses globally. This program would enable learners to be adept in a wide array of skills such as Mathematical Modeling, Machine Learning, Artificial Intelligence, Big Data and Data Analytics. Toc H holds an MoU with Freston, which aims to foster industry–academic interaction, thereby achieve academic excellence, achieve industry readiness, and strengthen the research capabilities. An Industry delivered elective course in Big Data Analytics is offered for PG with the support of Freston Analytics.

FUNDING DETAILS:

» Applicants should submit the project/idea proposal in the specified format.

» The **best 10 entries** among the applicants will be shortlisted at the initial level.

» The shortlisted proposals will be judged further in a presentation process, by a panel of esteemed academicians/industry experts, who will decide the awardees based on the originality, methodology, viability, and impact.

» The total prize money will be up to ₹ **6 Lakhs**, and the prize for each project grant can range from **50,000 to 2 lakhs** based on the project need. The grant money will be dispersed in three stages as per the milestones achieved.

» The 3 winning teams will be invited for the prize distribution at Toc H Institute of Science and Technology, Arakkunnam on 26 April, 2024.

» The 3 winners will also receive a 'SparkVenture' event **winner certificate and an industry project completion certificate** on the completion and handing over of the project.

» An **additional cash prize of ₹ 15K** and **a certificate of exemplary execution** of project will be given to one or more of the three teams who showcase exceptional project execution.

» All the winners will be considered for **placement opportunities at Freston Analytics** on the completion of their bachelor's degree.

IMPORTANT DATES

Submission of Proposals - Deadline	:	05 March 2024
Screening and shortlisting of 10 proposals	:	12 Mar 2024
Presentation/ Pitching	:	3, 4, 5 April 2024
(Innovation, Impact, Market Valuation, Product Viability, SWOT analysis, Expected Outcomes/ Solutions)		
Result Declaration	:	15 April 2024
Award Distribution	:	26 April 2024
Commencement of implementation*	:	1st week of May 2024
Review Meeting, release of 1st tranche of funding	:	15 June 2024
Review Meeting, release of 2nd tranche of funding	:	15 September 2024
Project Completion, release of final tranche	:	25 November 2024

Emergency fund to start the project may be released after assessing the project requirements.

HOW TO APPLY?

To apply, download the application form, duly fill it out with the project details, sign it, and submit the scanned pdf document using the link provided.

CLICK HERE → **http://theproseed.io/SparkVenture2024.html**

Download Application Form: **SparkVenture 2024**

* Please refer to the application form for terms and conditions.

REWARDS FOR THE WINNERS: Sponsored by **Freston Analytics Pvt. Ltd.**

» Total prize money of up to **₹6 Lakhs**

» Grants of **up to 2 Lakhs** for each project, released in three terms upon successful completion of each milestone.

» **Winner Certificates and Memento** for the final winning teams, presented during the Award Ceremony at Toc H Institute of Science and Technology on 26 April 2024.

» **Industry Project Completion Certificate** upon successful completion.

» An **additional cash prize of ₹15 K** and **a certificate of exemplary execution** of project (if showcasing exceptional performance).

» **Placement Opportunity at Freston Analytics** for the winners at the end of their college degree.

» Runner up certificates to all the 10 shortlisted teams.

DATES TO REMEMBER

Proposal Submission 05 March 2024	Presentation/ Pitching 3, 4, 5 April 2024	Result Declaration 15 April 2024	Award Distribution 26 April 2024	Commencement of implementation 01 May 2024	Project Completion 25 Nov 2024

Contact for further information:
- Asst. Prof. Sharath P Raju (99613 81726)
- Asst. Prof. Elsaba Jacob (94476 66356)
- sparkventure@tistcochin.edu.in

Follow us for Updates
- frestonanalytics
- proseed.tech
- TocHKochi