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INNOVATION FOUNDATION**

A Section 8 Company

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Supported by



NITI Aayog | ATAL INNOVATION MISSION



**Experts from ATAL
INNOVATION MISSION
(AIM), Industries, Investors
& Regulators are expected
to attend the event**

IDEATHON ON EMERGING TECHNOLOGIES FOR Community & Industrial Innovations 1st & 2nd September 2022



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FREE INCUBATION FACILITY
& MENTOR SUPPORT
WILL BE PROVIDED FOR
SUCCESSFUL IDEAS

ACIC - KIF SUCCESS STORIES



The ACIC-Kalasalingam Innovation Foundation is a Section 8 company established by Atal Innovation Mission, NITI Aayog, New Delhi. The ACIC-KIF aims to help innovators & students to ideate, prototype, create, and commercialize ideas that help society in general and revitalize the industries in the Virudhunagar District : fireworks, printing, braiding, textiles, match works, & others. The ACIC-KIF will exploit the infrastructure at Kalasalingam Academy of Research & Education and mentorship across the education spectrum, International collaborations, and industry connects for the benefit of innovators. The event will be used to fund innovative projects from ACIC-KIF and we will support ideas at all stages. We provide handholding, patenting, funding, mentoring, and infrastructure support. Committed to create innovations that bolster the economy of the country and to develop employment opportunities, the ideation would be used as a platform to identify innovative ideas.

Technology Focus of the Ideathon: Internet of Things, Embedded Systems, Real-time Systems, Cyber-Physical Systems (CPS), Artificial Intelligence, Deep-learning, Embedded Electronics, Industrial Automation, Industrial Software, Additive Manufacturing Technologies, Cyber Security, 5G, Opportunistic Sensing, mobile computing, Agri-tech, femtech, & other emerging areas.

Application domains : Local industries (printing, fireworks, Braiding, textiles, & others), Agriculture, Small and Medium Industry related products, Smart Cities, Smart Buildings, Transportation, Healthcare technologies, Food and Nutrients, Green Energy, Electric transportation, Software for industrial application and SMEs.

H2Technocrats

The startup incubated at ACIC-KIF works on developing innovative passive air-coolers and small electric vehicles. The passive air-cooler solves the humidity and health issues with existing evaporative coolers. The product has found traction with customers and has been patented with the support of ACIC-KIF. In addition, the cooling element has a micro-structure with special chemical composition. Different from existing coolers it has two cooling cycles: evaporative and passive. This helps reducing the humidity and reduce energy and/or water consumption by 50%.



SAS Anjani Industries

Manufactures e-vehicles for in-house operations. The company has sold out two versions of its vehicle one to IIT-Gandhinagar and other to Kalasalingam University. Currently, it is receiving orders from other customers and embarking on designing vehicles with different capacity.

Prima-biotech

The industry works on transforming brick industry char to fertilizer by growing microbes on the ash. This is a circular economy model wherein industrial waste is getting transferred into an organic fertilizer that could improve the NPK parameters of the soil. The marketing of the product has started and has found traction with the farmers and fertilizers sellers. It is also being widely used for roof-top garden.



Prima Biotech Private Limited



Subadra Bionics



ZED Digital



H2 Technocrats



Milgracias E Bike



Bharath spectra solutions

Detection of adulterations in food, identification of active pharmaceutical ingredients, carbon analysis in soil, explosive detection, dye water analysis and many more are easily possible through spectrometers. The major challenges for spectrometers are fabrication cost, valid data analysis. Bharath spectra solution, a company under ACIC-Kalasalingam Innovation Foundation has proposed to fabricate low-cost spectrometer for the above-mentioned applications.

Solar dryer

Due to the extreme change in climatic conditions in the tropics and subtropics, the rural farmers are getting severely affected in the south Asian countries due to the wetting issues of the crops because of sudden and heavy rains and limitation of drying facilities in open land. Energy from the solar panels could be used for transmission of hot air to the upper layer of the compartment using a fan that creates forced convection. The process is space intensified and flexible due to its modular and compact design.



REGISTRATION FEE
₹ 200/-
PER IDEA

Registration link:
<https://forms.gle/xoeexnUBc6UjzUAV9>

