

IIT Delhi - Abu Dhabi

IGNITE

NOVEMBER 12 and 13

2025

Deep Science Meets **Global Impact**



Inviting Deep Science Start-ups, Innovators and Investors

Organised by

ACS Student Chapter, IIT Delhi - Abu Dhabi



IIT Delhi - Abu Dhabi Ignite is dedicated to advancing deep science and breakthrough innovation. The event brings together scientists, startups, investors, policymakers, and industry leaders to address pressing global challenges across sectors such as energy, climate, health tech, quantum technologies, food and water security, space, and mobility.

Jointly organised by the **Indian Institute of Technology Delhi - Abu Dhabi**, **American Chemical Society (ACS)**, **FortyTwo.VC**, and **IvyCap Ventures** (an alumni-driven fund by IIT Delhi graduates) with support from our ecosystem partner **startAD**, this event reflects a shared commitment to fostering cutting-edge research and innovation.

IIT Delhi - Abu Dhabi is the international campus of **IIT Delhi**, one of India's premier institutions for education and research in science, technology, and engineering. The Abu Dhabi campus marks a visionary expansion of IIT Delhi's legacy into the dynamic innovation ecosystem of the UAE. Located in Khalifa City B, Abu Dhabi, this campus is the result of a strategic collaboration between India and the UAE, with the aim of advancing excellence in education, research, and innovation.

The **IIT Delhi - Abu Dhabi Ignite** event also aligns with the objectives of the **Atal Incubation Centre**, recently inaugurated at **IIT Delhi - Abu Dhabi** by the Hon'ble Education Minister of India. It brings together innovators and startups from India, the UAE, and beyond to catalyse transformative solutions for a better future.

Expected Outcomes

Global stage for **Indian** and **UAE startups** to scale internationally

Creation of **partnerships, joint research projects,** and pilot programs

Policy-level collaboration between India and UAE

Strengthening **IIT Delhi - Abu Dhabi** as a hub for **deep science** and **innovation**

Focus Themes

01

Energy & Sustainability

Renewables, Storage, Green Hydrogen, AI-driven efficiency

02

Advanced Materials & Minerals

Composites, Critical minerals, High-performance alloys

03

AI & Data Sciences

Ethical, scalable adoption in Healthcare, Manufacturing, Energy

04

Healthcare & MedTech

Digital health, Low-cost diagnostics, Biotech devices

05

Space & New-Age Mobility

Satellites, Launch systems, Urban air mobility, Autonomy

06

Food & Water Security

Climate-smart agriculture, Desalination, Alternative proteins

07

Carbon Capture & Removal

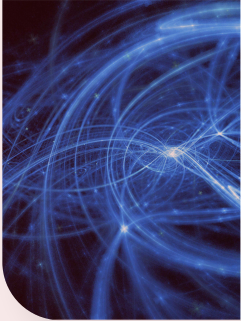
CCUS, Direct air capture, Utilization pathways

08

Quantum Technologies

Hardware, Secure communications, Sensing, Algorithms

Who Should **Attend?**



Deep Science Startups

Showcase your groundbreaking innovations to investors, industry leaders, and policymakers eager to support deeptech ventures. Gain visibility, funding opportunities, and strategic partnerships.



VCs

Discover cutting-edge deep science startups with transformative potential. Engage with pioneering founders, explore investment-ready opportunities, & stay ahead in the rapidly evolving landscape.



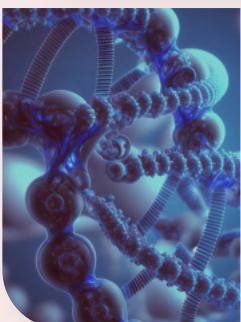
Policy Makers

Gain insights into the latest deep science innovations shaping the future economy. Connect with startups and investors to craft policies that drive sustainable deeptech growth and commercialization.



Industry Professionals

Explore breakthrough technologies with real-world applications in your sector. Build strategic collaborations with deep science startups that can enhance your business and drive innovation.



Academics & Researchers

Bridge the gap between research and commercialization. Engage with startups translating science into impact, explore collaboration opportunities, and contribute to the deeptech ecosystem.

Event Flow

November 12th, 2025

Venue: Main Reception, IIT Delhi – Abu Dhabi

Start Time	Duration	Session Title
06:00 – 6:15 pm	15 min	Group Photo
06:15 – 6:30 pm	15 min	Welcome Address
06:30 – 8:00 pm	90 min	Dinner and Networking

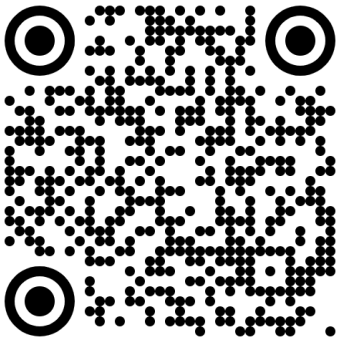


Event Flow

November 13th, 2025

Venue: Zayed University Convention Center, IIT Delhi – Abu Dhabi

Start Time	Duration	Session Title
08:30 – 09:15	45 min	Registration
09:15 – 09:30	15 min	Opening Ceremony
09:30 – 09:45	15 min	Deep Science Meets Innovation
09:45 – 10:15	30 min	Tea Break and Group Photo
10:15 – 11:00	45 min	Panel Discussion: Building a Sustainable and Resilient Future
11:00 – 12:15	75 min	Launchpad: Startup Demo Showcase
12:15 – 01:15	60 min	Lunch & Networking
01:15 – 02:00	45 min	Panel Discussion: Science without Borders
02:00 – 03:15	75 min	Launchpad: Startup Demo Showcase
03:15 – 03:30	15 min	Tea Break
03:30 – 04:15	45 min	Panel Discussion: The Next Billion Lives: Startups Reimagining Health, Food & Water
04:15 – 05:15	60 min	Launchpad: Startup Demo Showcase
05:15 – 05:30	15 min	Closing Remarks and Next Steps



Scan this QR code to view the full schedule and speaker details.

Invited Speakers



Prof. Shantanu Roy
Executive Director,
IIT Delhi-Abu Dhabi



Prof. Vivek Buwa
Deputy Director, Strategy and
Planning, IIT Delhi



Prof. M. Ali Haider
Vice Provost Research and
External Engagement, IITD-AD



Rajesh Parishwad
American Chemical Society
International India



Ms. Sonia Weymuller
Co-Founder and General
partner, VentureSouq



Mr. Shwethal Kumar
Managing Director,
The Catalyst



Ms. Hana Barakat
Sr. Associate Director,
startAD



Prof. PVM Rao
Dep. of Design & Department of
Mechanical Engineering, IIT Delhi



Prof. Sandeep Jha
IIT Delhi (Gun Sutra Pvt Ltd)



Prof. Vikram Vishal
IIT Bombay
(Urjanovac)



Prof. Suryanarayana
IIT Delhi
(Karetic Energy Pvt Ltd)



Mr. Swapnil Shrivastav
Uravu Labs



Prof. Subodh Sharma
IIT Delhi (Cerify Auditing Sol.)



Prof. Jayant Jagannath
Actorius



Prof. Sivapriya Kirubakaran
IIT Gandhinagar (Procyll)



Mr. Ashwin Joshi
Director, startAD

Invited Speakers



Mr. Vikram Gupta
Founder and Managing Partner,
IvyCap Ventures



Prof. Hao Li
MBZUAI



Dr. Farida Al Hosani
Deputy CEO, GLIDE



Prof. Shashank Bishnoi
Vice Provost Operations,
IIT Delhi - Abu Dhabi



Mr. Asutosh Upadhyay
Co-Founder, FortyTwo.VC



Ms. Zhifei Li
ChatSign



Prof. Deepak Jain
IIT Delhi
(Deepase Technologies)



Prof. Krishna Sirohi
IIT Delhi
(Wireless 4 scale)



Dr. Madhava Shyam
Qpi



Prof. Manan Suri
IIT Delhi
(Cyran AI)



Ms. Hanan Mohammed
Corealils



Ms. Avneet Kaur Kohli
Encubay



Dr. Siddiq Anwar
Sheikh Shakhboub Medical City



Dr. Shadab Khan
ADIA Labs



Dr. Shammal Mahammad
Silal



Dr. Nikhil Agarwal
IIT Delhi (FITT)

Invited Speakers



Prof. Dibakar Rakshit
Deputy Provost External
Engagement, IITD - AD



Mr. Aman Garg
Pintel



Dr. Venkatesh Ravula
Artus



**Mr. Narayanan
Venkatasubramanian**
Peptis Technologies



Prof. Tapan Gandhi
IIT Delhi (Cluix)

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أبوظبي

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