

iDEX, DIO-Roadshow 2022

SpaceTech: Funding & Innovation Opportunities from Defence Innovation Organization - Organized by Venture Center-

POTENTIAL GAINS	<ul style="list-style-type: none"> iDEX, DIO has launched "Defence India Startup Challenge" (DISC)- 8 & iDEX Prime (SPACE) under mission DefSpace with 35 problem statements. The 'call for application' is open till 19th December 2022. Mission DefSpace is aimed at developing technologies addressing every stage of a space mission - from mission planning to satellite data analytics. Get an overview of the opportunities in the space-tech domain
ORGANIZED BY	<ul style="list-style-type: none"> Venture Center
SUPPORTED BY	<ul style="list-style-type: none"> Venture Center Innovation for Defence Excellence (iDEX), Ministry of Defence
FOR WHOM	<ul style="list-style-type: none"> Startups SMEs Individual innovators & researchers Students Faculties and researchers of Research & Academic Institutes Technology providers
WHEN	Thursday, 15 December 2022 Time: 03:00 pm – 05:00 pm
WHERE	<ul style="list-style-type: none"> This event will be available to attend Online (Zoom) & in-person (at Venture Center) Link to the Event & Details will be shared with selected participants. It is advisable for attendees to join the event in-person from Venture Center wherever possible. This is for better networking and face to face interaction with speakers who will be participating in person in the event. Kindly choose option as suitable in registration form
CONTACT	<p>Technical queries: Soma Chattopadhyay Email: idx@venturecenter.co.in</p> <p>Registration queries: Lipika Biswas Email: eventsdesk@venturecenter.co.in</p>
REGISTRATION	<p>Registration is free but Mandatory</p> <p>Steps for registration:</p> <ul style="list-style-type: none"> Step 1: Interested participants need to fill in registration form at the following link. Register online at: https://tinyurl.com/15dec-iDEXroadshow Step 2: Attendance only on confirmation from organizers. <p>Note: -</p> <ul style="list-style-type: none"> Organizers reserve the right to select participants to maximize learning and networking opportunities for the group Session will be conducted using ZOOM online & offline. Only registered participants will be allowed to participate in the event.

Introduction

Innovation for Defence Excellence (iDEX), DIO has launched "Defence India Startup Challenge" (DISC)- 8 & iDEX Prime (SPACE) under mission DefSpace with 35 problem statements. The 'call for application' is open till 19th December 2022.

Mission DefSpace is aimed at developing technologies addressing every stage of a space mission - from mission planning to satellite data analytics.

Details of problem statements: <https://idex.gov.in/sites/default/files/2022-11/Defence%20Space%20Challenges%20description%20%281%29.pdf>

For DISC-8, apply here: <https://idex.gov.in/form/application-form-defence-india->

For iDEX Prime (SPACE), Apply here: <https://idex.gov.in/form/application-form-idex-prime-spac>

For Open Challenge, Apply here: <https://idex.gov.in/form/application-form-open-challeng>

In this event, the iDEX official, investors, technology experts & startup working in space-tech will tell more about: Process to apply for the funding schemes under Defence Innovation Organization, Ministry of Defence

- DISC-8 challenges (funding support up to 1.5Cr)-<https://idex.gov.in/disc-category/31>
- iDEX Prime (SPACE) challenges (funding support up to 10 Cr)-<https://idex.gov.in/disc-category/33>
- Open Challenges -<https://idex.gov.in/disc-category/5>

A overview of various opportunities available under Space-Tech domain for innovators, start-ups and MSMEs

Session Schedule

Time	Duration	Session Title	Lead
3:00-3:15 PM	15 min	Registration & Tea Introduction & background	Soma Chattopadhyay
3.15 -3.45PM	30 min	Keynote address : <ul style="list-style-type: none"> • Introduction to iDEX • Challenges launched under iDEX Prime-(SPACE) & DISC-8 • Other funding schemes and opportunities under iDEX in Space-Tech 	Mayank Aggarwal, Program Executive, iDEX - DIO, Ministry of Defence, Government of India
3.45-5:00PM	75 min	Panel Discussion: Opportunities in the space-tech domain	Moderator: Dr. Premnath V Speakers: <ul style="list-style-type: none"> • Vishesh Rajaram, Founding Partner @ Speciale Invest • Prof. Anant Patki, Former Scientist, ISRO • Dr. C V S Kiran, Lead R&D & Strategic Initiatives, Skyroot Aerospace

Speakers (in alphabetical order of last names)
Mayank Aggarwal
Program Executive, iDEX - DIO

Mayank Aggarwal is currently the Program Executive at iDEX, DIO, Ministry of Defence. Mayank received his Masters degree in Aeronautics and Astronautics from Purdue University, focusing on space mission design and analysis, trajectory analysis and orbit design. He did his undergraduate in mechanical engineering from Delhi Technological University (formerly DCE). Prior to joining the iDEX, DIO, Mayank has been associated with reputed organizations like NTPC, Air India, DRDO etc. Mayank regularly engages with India's defence-tech startups, top incubators, industry and academia experts, the Armed Forces and government industries, and the Ministry, to develop innovative solutions to challenges faced by the defence industry in India


Soma Chattopadhyay
Head Incubation & Mentoring

Soma is currently the Head- Incubation & Mentoring at Venture Center. At Venture Center she is responsible for managing the overall incubation activities starting with identification of potential start-ups, providing in-depth technical & business mentoring, conceptualizing and implementing relevant incubation programs & building a conducive innovation ecosystem at the center. She is recipient of Chevering Gurukul Fellowship for Leadership and Excellence from DPIR, Oxford University. She has >9 years of industrial R&D experience from an MNC in the field of specialty materials post her Masters in Chemistry. She serves as the nominee director on the boards of 3 startups; is a certified internal auditor for ISO standards and certified Six-Sigma Green Belt. She was also winner of DST & ISBA award "Star Gazing award for Incubation Managers 2016"


Dr C V S Kiran
Lead R&D and Strategic Initiatives at Skyroot Aerospace Pvt Ltd

Dr C V S Kiran is a part of Leadership and core team of Skyroot Aerospace. He is Lead R&D and Strategic Initiatives at Skyroot Aerospace Pvt Ltd which is the first Indian private company to successfully launch a Rocket into space. Dr. Kiran studied and worked in Germany for over 14 years. He was associated with ISRO where he worked as a Scientist at Vikram Sarabhai Space Center. He is a Materials Scientist and a PhD holder with over 100 international publications, two patents, many other fellowships and accomplishments.


Prof. Anant Patki, Former Scientist, ISRO

Prof. Anant Patki is a former Scientist from ISRO and had worked on India's first Satellite Aryabhata and the Launch Vehicles like SLV and PSLV. He specializes in Aerospace Engineering. During his service he had interactions with NASA, ESA and GlavKosmos. He also worked as Visiting Professor at Dept of Aerospace Engg of IIT/Bombay and at Dept of Aerospace Engg of IISc, Bangalore. He has been conferred fellowships by many professional bodies and has won many awards during his tenure



Vishesh Rajaram CEO, Founding Partner @ Speciale Invest

Vishesh Rajaram Founding Partner @ Speciale Invest. Investing in technology at seed stage for 16 years! Previously spent a decade at Ventureeast investing thru 2008 and 2014 vintage funds across early and growth stages.

Prior to VC, ran and sold a specialty chemicals co. Earlier career in Banking and Finance



Premnath V
Director, Venture Center | Head, NCL Innovations

Premnath V is currently the Head, National Chemical Laboratory (NCL) Innovations - the group within NCL charged with the responsibility of championing the cause of technology innovation within NCL. Dr Premnath is also the Founding Director of the Venture Center - a technology business incubator on NCL campus. Dr Premnath is also a Scientist, Polymer Science & Engineering Division at NCL with an interest in technology development for biomedical products. He holds a B. Tech. from the Indian Institute of Technology - Bombay and a Ph.D. from the Massachusetts Institute of Technology, USA. He has also been a Chevening Technology Enterprise Fellow with the Centre for Scientific Enterprises, London Business School and Cambridge University, UK. He brings with him considerable experience in technology development and commercialization (two successfully commercialized families of products), working with start-up companies (in Cambridge-UK and India) and engaging with large corporations on research and consulting projects as project leader.

Organized by



Entrepreneurship Development Center (Venture Center) – a CSIR initiative – is a Section 25 company hosted by the National Chemical Laboratory, Pune. Venture Center strives to nucleate and nurture technology and knowledge-based enterprises by leveraging the scientific and engineering competencies of the institutions in the Pune region in India. The Venture Center is a technology business incubator supported by the Department of Science & Technology's National Science & Technology Entrepreneurship Development Board (DST-NSTEDB). Venture Center's focuses on technology enterprises offering products and services exploiting scientific expertise in the areas of materials, chemicals and biological sciences & engineering. For more information, visit: <http://www.venturecenter.co.in/>

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For more information, visit: <http://www.venturecenter.co.in/>



iDEX aims at creation of an ecosystem to foster innovation and technology development in Defence and Aerospace by engaging Industries including MSMEs, start-ups, individual innovators, R&D institutes & academia and provide them grants/funding and other support to carry out R&D which has good potential for future adoption for Indian defence and aerospace needs.

iDEX is funded and managed by a 'Defence Innovation Organization (DIO)' which has been formed as a 'not for profit' company as per Section 8 of the Companies Act 2013 for this purpose, by the two founder members i.e. Defence Public Sector Undertakings (DPSUs) - HAL & BEL. iDEX functions as the executive arm of DIO, carrying out all the required activities while DIO will provide high level policy guidance to iDEX.

For more information visit: <https://idex.gov.in/about-idex>