



VC's OFFICE

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Office of the Vice Chancellor, DU <vc@du.ac.in>

DRDO's Innovation Contest "Dare to Dream 5.0" for Individual innovators, Startups and MSEs

1 message

Subrata Rakshit <dgtn.hqr@gov.in>

Fri, Dec 13, 2024 at 3:24 PM

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Cc: Nidhi Bansal <director.tdf.hqr@gov.in>

Dear Sir/Madam,

Hon'ble Raksha Mantri has launched Dare to Dream 5.0 contest on 18 Oct 2024. This contest is aimed to propel our engineering fraternity (both student and professionals) towards applying state of art technology for defence and security unleashing disruptive and out of box ideas. Like previous versions, a few themes have been defined, with one open category, where innovators and technology dreamers can propose next generation technologies and systems (**details are enclosed**). The only eligibility for the participants is to dream big in technology, be an Indian national or a start-up recognized by DPIIT or MSEs registered with Ministry of MSME.

Needless to say, the bright ideas in various categories will be duly recognized, and rewarded up to Rs. 12 Lakh (**details enclosed**). The winners of Dare to Dream of previous four contests were honoured by Hon'ble Raksha Mantri. We will endeavor to provide similar opportunity to winners of Dare to Dream 5.0 as well.

I hereby invite your faculty, students and the incubatees to participate in Dare to Dream 5.0 contest, **which is open for submission up to 31 Jan 2025**. The ideas can be uploaded on the website itself. The format and the guidelines are available on DRDO website for registration. More details can be seen at <https://drdo.res.in/dare2dream5/portal/kalam.html>.

You are requested to give wide publicity to the contest. Looking forward for vigorous participation of ignited minds from your institute.

For any queries related to Dare to Dream 5 innovation contest, Sh. Ram Prakash, Additional Director, TDF may please be contacted at : 011-23007323.

With Warm Regards,

(Dr Subrata Rakshit)
DS & Director General (Technology Management)
DRDO, Ministry of Defence
Room No. 301, DRDO Bhawan, Rajaji Marg
New Delhi 110011



DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

DARE TO DREAM 5.0

NATIONAL INNOVATION CONTEST



REGISTRATIONS OPEN!
LAST DATE TO APPLY - 31/01/2025



Scan here to Apply or visit the link
<https://drdo.res.in/dare2dream5/portal/kalam.html>

Prizes for Dare to Dream 5.0

Eligibility

Individual Innovators

Start-ups

Micro & Small Enterprises (MSEs)



1st Prize

* Rs 6 Lakh
 # Rs 12 Lakh

*Individual

2nd Prize

* Rs 5 Lakh
 # Rs 10 Lakh

#Start-ups & MSEs

3rd Prize

* Rs 4 Lakh
 # Rs 8 Lakh

Challenge Areas for Individual Category

1. Anomaly and Point of Interest Detection in Streaming Data (No Prior Data Distribution)
2. Brain Computer Interface for Deciphering Intention
3. Compact Solid State based Non-Lethal Active Denial System (ADS)
4. Development of ML/AI Module for Rocket Motor Design
5. Innovative Applications of Blockchain
6. Large Metallic Object Proximity Detection using Permanent Magnet Array
7. Measures/Solutions of Internet Intervention in Emergency /Disaster/Civil Unrest/Critical Events/Situation
8. Non-Destructive Evaluations Technique(s) for Ceramics Matrix Composites
9. Space Debris Removal
10. Open Challenge: Exploring the Unthinkable and Unimaginable

Challenge Areas for Startups or MSEs Category

1. Contact Less Power Transfer using Resonant Coils in Underwater
2. Energy Autonomy for Autonomous Surface Platform
3. Ensuring Data Privacy using Searchable Symmetric Encryption
4. Fire Fighting Helper Robots
5. Metamaterials based Cloak for Evading Detection/Recognition
6. Optical Beam Forming Network for Active Phased Array Applications
7. Pilot Safety for Helicopter Related Emergency Situation
8. Quantum Sensing and its Application for Magnetic Mass and Radar
9. Use of Virtual Machines in Cyber Security
10. Open Challenge: Exploring the Unthinkable and Unimaginable

Contact us for more information
dare2dream.hqr@gov.in