



## **NSIRF Announces National "Defence & Strategic Technologies Grand Challenge 2025"**

*A nationwide call for breakthrough technologies to strengthen India's defence capabilities and strategic autonomy.*

**BANGALORE, India - Nov. 17, 2025 - [PRLog](#) -- Bengaluru, India**

NeXorbi Scientific & Industrial Research Federation (NSIRF) today issued a **National Call for Innovation** through the launch of the **Defence & Strategic Technologies Grand Challenge 2025**, aimed at accelerating India's indigenous technological capabilities in priority defence and aerospace sectors.

The initiative forms part of NSIRF's ongoing mission to strengthen India's strategic autonomy, promote advanced research, and identify disruptive technologies essential for future national security requirements.

### **Key Mission Areas Announced**

NSIRF has invited proposals addressing the following strategic technology domains:

- Autonomous UAV Swarms & Advanced Unmanned Systems
- Counter-UAV / Anti-Drone Defence Technologies
- Artificial Intelligence for Real-Time Intelligence & Battlefield Decisions
- High-Temperature & Extreme Aerospace Materials
- Compact Propulsion Systems for Strategic Platforms
- Directed-Energy Technology Concepts (Non-ITAR)
- Stealth Materials, Signature Reduction & Low-Observable Coatings

These domains have been identified as mission-critical for enhancing India's long-term defence resilience.

### **Eligibility Criteria**

Applications are open to:

- Indian Startups
- MSMEs
- Research Laboratories
- Universities & Technical Institutions
- Innovators & Deep-Tech Engineering Teams

Only Indian-owned and Indian-controlled entities are eligible to apply.

### **NSIRF Certification & Recognition**

All shortlisted participants will be issued an **Official NSIRF Innovation Certificate**, acknowledging their contribution to India's R&D ecosystem.

Top-performing teams will additionally receive the **NSIRF National Excellence Certificate**, formally endorsed by the organization's senior evaluation committee.

### Support for Selected Proposals

Selected innovations will receive:

- Access to NSIRF's Defence Innovation & Testing Infrastructure
- Technical guidance from senior domain experts
- Prototype development support under eligible CSR and research funding channels
- Priority consideration for NSIRF DeepTech Incubation Programmes
- Opportunities for international exposure and collaborative research engagement

### Submission Procedure

Applicants are required to submit a proposal summary, technical brief, and proof of concept (if available) to:

? [info@nsirf.org](mailto:info@nsirf.org)

[www.nsirf.org](http://www.nsirf.org)

All proposals will undergo a structured, multi-tier technical evaluation process.

### About NSIRF

NeXorbi Scientific & Industrial Research Federation (NSIRF) is dedicated to fostering advanced scientific research, indigenous defence technologies, and high-impact innovation to support India's strategic and technological leadership.

### NSIRF Statement

**"For the Nation. For Security. For Technological Supremacy."**

<https://www.nsirf.org>

### Contact

Nikita

[\\*\\*\\*@nsirf.org](mailto:***@nsirf.org)

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