



Government of India
Ministry of Electronics and Information Technology (MeitY)
Cyber Security Group

Call for project proposals in Cyber Security

Cyber Security Group, MeitY invites proposals in thrust areas as outlined below with focus on innovation & indigenous technology development leading to productization. The thrust areas of Cyber Security Group include but not limited to

- **Network and System Security:**
 - Virtual Private Network Detection and deanonymisation.
 - Automated Audit Compliance Testing & Visualisation Against Cyber Security Standards.
 - Low Cost and Automated Cyber Security Readiness Assessment and Preparation.
 - Next Generation Indigenous Network Security solutions including SIEM/SOC
- **Digital Forensics:**
 - Next Generation solutions for imaging and carving of storage media.
 - Privacy preserving Digital Forensic Investigations.
- **Encryption and Cryptography:**
 - Post Quantum Cryptography and Cyber Security Preparedness.
 - Privacy and accidental leakage prevention.
- **Automation in Cyber Security:**
 - Templating of Cyber Security Policies and Procedures for Ministries and Institutions.
 - Cyber Security Index Ranking for Central Government Organisations and Assessment System.
 - Automation of End-to-End Application and Assessment and preassessment process with dashboard for Scheme of 79A of IT Act, 2000 to Notify Examiner of Electronic Evidence.
- **Cyber Security Audits and Incident Response:**
 - Automated solution for continuous performance monitoring of auditors based on specific parameters.
 - Automated cyber security audits assessment for continuous evaluation of audit Benchmark.
 - Analysis of cybersecurity audit reports for highlighting trends, criticality of vulnerabilities, recommendations and sectoral, regional & national trends.
 - Private cloud-based AI solution for automated cyber threat hunting for (a) MSME and (b) Large enterprises. The entity could be on cloud or using on-premises solutions.

Who can apply: The R&D project proposals for Grants-In-aid support may be submitted by researcher's/Scientists/Engineers/ Technologists and faculty members working in Universities/ Academic institutions/ Registered Scientific Societies/ R&D institutions/ Laboratories/Autonomous R&D organizations of the Government with due approval of competent authority. The proposals may be submitted by an individual institution or in a consortium model, with defined milestones/ timelines and roles of individual institutions.

What is required information in the proposal: Well defined objectives, scope, outcome and quantifiable deliverables with specific time frame. The proposal should be supported by a user agency/Industry in kind or with fund support.

What is the Criterion for selection of a proposal:

- i. New technology development leading to prototypes/ products aligned with the above thrust areas.
- ii. Delivery (for pilot scale demonstration, field trial/deployment & commercialization) within 24 months.
- iii. The proposal should target development of Technology readiness level (TRL) level of 4 or higher.

Process of Selection of proposal: An Expert Group (Working Group on Cyber Security) would consider the proposals for feasibility and carry out technical and financial evaluation and accordingly recommend for financial support by MeitY. Appraised projects are processed further based on the recommendations of WG and the priority areas of the ministry.

Proforma for submission of proposal: (<https://www.meity.gov.in/proforma-submitting-rd-project-proposal>), may be sent by the Chief Investigator (CI), duly forwarded by the Head of the Institution in **Soft copy** by email gauravg@gov.in by the **12th December 2024** with a subject line **“Proposal for Research in Cyber Security”** else proposal will not be considered. Only the shortlisted candidates will be notified.