Government of India
Ministry of Electronics and Information Technology (MeitY)
R&D in IT Group

Call for project proposals for Innovative R&D in emerging areas of Information Technology (IT)

R&D in IT Group, MeitY invites proposals in thrust areas as outlined below with focus on innovation & indigenous technology development & demonstration leading to commercialization /deployment.

The thrust areas of R&D in Group include Emerging Areas of Information Technology (IT), Quantum Technology, Blockchain based solutions, Perception and Cognitive Engineering, AR/VR/ Metaverse, Multisensory Immersion, Deepfake, Edge computing, Industry 5.00++, Society 5.00++, spatial computing, Neuromorphic computing, Geoinformatics, Non-fungible Token(NFT), Non-financial Web3 Applications, Digital Twin, Artificial Intelligence (AI), Artificial Wisdom, Brain Computer Interface, Big Data Analytic, Green Computing, Digital Preservation, Free and Open Source Software (FOSS) for societal applications.

The R&D project proposals for financial support may be submitted by Scientists/ Engineers/ Technologists/ Management specialists 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 having adequate infrastructural facilities to carry out R&D activities. The proposals may be single or multi-institutional, with defined milestones/ timelines and roles of individual institutions.

The Project proposals should have clear objectives, scope, outcome and quantifiable deliverables with specific time frame. The proposals should be with Industry participation, clearly bringing out user requirements. Important criterion for selection of a proposal, for further review, would be the promise, potential and evidence of new technology development leading to prototypes/ products in the above thrust areas and its delivery (for pilot scale demonstration, field trial/deployment and commercialization) within a reasonable period of time. Preference will be given to proposal(s) with user/Industry contributions either in cash or kind and tie-up with production agency. The proposal should define the present Technology readiness level (TRL) level and targeted TRL level.

The projects should be time-bound normally for duration of 2-3 years depending upon the technologies to be developed.

An Expert Group (Working Group on R&D in IT) 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.

Project proposals (**1 hard copy**) in the standard application format, available on MeitY website (https://www.meity.gov.in/content/r-d-information-technology), may be sent by the Chief Investigator (CI), duly forwarded by the Head of the Institution, *to*: **Shri Manoj Jain, Scientist 'F'**, R&D in IT Group, Ministry of Electronics & Information Technology (MeitY), Electronics Niketan, 6, CGO Complex, Lodi Road, New Delhi -110003. The project proposal envisages to use/ create data should also provide the information as per **Annexure-A** to this CFP. **Soft copy in word & pdf format** of the R&D proposal is essential and need to be submitted by email to **rnd-it@meity.gov.in.**

Contact no. for any query: 011-24301280 & 011-24301386
The last date for submitting the project proposals is 15th March, 2024.