



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

Special Call for R&D Project proposals under the budget head provisioned under Scheduled Castes (SC) and Scheduled Tribes (ST) for R&D in CC&BT and Strategic Electronics scheme

R&D in Convergence Communications & Broadband Technologies (CC&BT) Group, MeitY invites proposals in thrust areas as outlined below with focus on innovation and indigenous technology development of products, technology solutions & demonstration leading to commercialisation, Skill development/capacity building in different areas for Scheduled Castes/ Scheduled Tribes as beneficiary.

The thrust areas of R&D include Next Generation Networks (NGN) and Communication technologies, 5G and beyond, Broadband Wireless Technologies, Green Communications, Quantum Communication, Vehicular Communication, Cyber Physical System, AI in Communication, Big Data Analytics and Internet of Things for societal applications & disaster management, Machine to Machine Communication and Strategic Electronics with applications in both Civil and defence domains and innovative backhaul Communication Technologies.

The R&D project proposals for financial support may be submitted by 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 having adequate infrastructural facilities to carry out R&D activities. The proposals may be single or multi-institutional, with well 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 clearly bring out user requirement specially SC/ST as beneficiary and with Industry participation. 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 commercialization, pilot scale demonstration, field trial/deployment) within a reasonable period of time.

Working Group (WG) consisting of technical experts would carry out evaluation of the projects for recommendation. The WG recommended project proposals may be considered for financial support depending upon the availability of funds.

Project proposals (**3 hard copies**) in the standard application format, available on MeitY website (meity.gov.in), may be sent by the Chief Investigator (CI), duly forwarded by the Head of the Institution, to **Ms. Sangita Arora, Scientist 'F'**, Convener, WG, R&D in CC&BT Group, Ministry of Electronics & Information Technology (MeitY), Electronics Niketan, 6, CGO Complex, Lodi Road, New Delhi -110003. **Soft copy** of the R&D proposal is essential and need to be submitted by email to sarora@meity.gov.in
Tel: 011- 24301302, 24364705.

The last date for submitting the project proposals is 27th January (Monday), 2020.