

Call for Proposals for Technology Development under Technology Systems/Joint Technology Programme

Department of Science and Technology is implementing a Joint Technology – Technology System Programme. The programme aims at providing specific support for:

- activities conducive for strengthening technological capabilities in the country,
- application of modern technologies to socio-economic problems solving,
- modernization of traditional technologies, tools and skills,
- enhancing export capabilities and performance of the traditional/non-traditional items,
- development of applications of R&D activities,
- promoting identification and development of project proposals aimed at improving technology, technique, material, methods and other appropriate activities conducive for development of glass, gold, laser application and vision related (eye disease) activities, etc.

Some of the illustrative sub-areas in which proposals can be submitted are green technologies, energy efficient solutions, water purifications, conducting polymers in Bimolecular Electronics Devices, distress diagnostics in structures, cost effective access technology for rural areas (IT based), surface modification and rejuvenation of traditional craft, biodegradable polymers, ceramics as an engineering material, seismic safety of monuments, alternative fuel and retrofitting to control vehicular pollution, waste utilization recycling and management, water treatment and rural micro-water management, affordable mass housing scheme, imaging systems, value addition and applications/studies, new information and communication technologies, applications, etc.

The Project Proposals could be submitted for financial support by scientists/engineers/technologists working in academic institutions/registered societies/R&D institutions/laboratories having adequate infrastructure/facilities to carry out Technology Development work. DST would encourage multi-disciplinary proposals envisaging networking/collaboration of various institutes having diverse expertise and facilities for synergistic implementation of the projects.

Proposals received in prescribed format (format available at website <http://www.dst.gov.in>) are screened by the division/experts. Proposals along with the expert comments are placed before the Programme Advisory Committee/Expert Advisory Committee (PAC/EAC) for its recommendation. Principal Investigators are called for presentation before PAC/EAC, if required. The recommended proposals are processed for financial concurrence and administrative approval as per DST procedure.

The guidelines for formulation and submission of projects and the prescribed format can be collected from Shri Sanjay Bajpai, Scientist 'D', Department of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi 110 016 (E-mail: sbajpai@alpha.nic.in). The complete proposals (10 copies) and/or suggestions regarding additional areas for technology development may be addressed to:

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