

Technology Systems Programme

Preamble:

Under the TSDP the emphasis would be laid on technology development to solve problems of industry/society. Proposals with basic R&D should be submitted to the Science & Engineering Research Board (SERB), an autonomous organization under DST for funding support. Promoting the development of indigenous technologies relevant for the country, covering small, medium and large scale sectors is one of the prime responsibilities of the Department particularly under the Technology Systems Development Programme (TSDP) of the department. Like in many other programmes/ schemes of the department it provides partial financial support to relevant projects selected through a peer review mechanism.

The mandate of TSDP is limited to converting a proof-of-concept to a pre-competitive or a commercially competitive technology of a product or a process. Financial support for ultimate commercialization does not come under the scope of this programme. Projects related to only hard core technologies (mostly involving manufacturing) are considered under this programme. In addition, proposals for incremental R&D over the existing technologies may be considered for support. Technology upgradation of Industry Clusters in select areas may also be taken up. But theme based concept proposals for proof of feasibility are normally not considered under this programme.

While, participation of industry in any specific project is not a precondition for its acceptance, it will always be preferred particularly for projects aimed at prototype development/ technology demonstration and/ or pilot plant activity. **Providing grant-in-aid to the industries having unique expertise in specific technologies is under active consideration of this department.**

Projects related to design and development of Software/ IT solutions, as required for the development of specific product or process as a part of technology development project may be considered, but pure software development does not fall under the scope of the programme.

In case of cutting-edge and/ or futuristic technologies creation of technology platforms either in one or multiple locations may also be taken-up under this scheme.

Projects aiming at creation of knowledge base in the area of technology development, enhancing the technology development faculty of the scientific community as a whole, promote involvement of industry in academic R&D etc may also be considered under this programme. The emphasis in this case is on 'technology development' and not that much on 'basic', 'exploratory' or 'routine applied/ engineering research' which are mostly taken care of by the Science and Engineering Research Board (SERB), an autonomous organization under DST.

The guidelines for formulation and submission of projects and the prescribed format can also be collected from Dr. Rajeev Sharma, Scientist-D & Member Secretary (PAC on Tech. Systems), Room No: 20, Hall-C, Department of Science and Technology, Technology Bhavan, New Mehrauli Road, New Delhi – 110 016 (E-

mail : rajeeysharma@nic.in, Telephone : 011-26602187, 26590310, Mobile: 9971888229). The complete proposals (five copies together with a soft copy in CD) and/or suggestions regarding additional areas for technology development may be addressed to :

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