

PROJECTS UNDER R&D SCHEME OF S&T DEPARTMENT
GUIDELINES FOR SUBMISSION OF R&D PROJECT PROPOSALS

INTRODUCTION:

Science and Technology play a vital role in the development strategy of various sections of the society. The Deptt. of Science and Technology, Govt. of Manipur, provides financial support to motivate scientific and Technical experts to take up R&D Projects with inputs of Science and Technology to contribute to the Socio-economic development of the people of Manipur.

OBJECTIVES OF THE SCHEME:

1. To promote research, development and adaptation of Science and Technology for improving quality of life.
2. To motivate scientists and experts for supplying of their knowledge and expertise to the problems of the people for socio-economic development in Manipur.

WHO CAN SUBMIT A PROPOSAL:

Scientists, Engineers, Doctors etc. belonging to :

- Recognised Universities, Medical, Engineering, Agricultural and Technical Institutions.
- Recognised R&D Institutions
- Govt. Deptts. & Govt. undertakings having essential basic facilities for carrying out the project.

AREAS OF SUPPORT :

Applied short-term, result-Oriented Research, Development and Engineering Projects for filling critical gaps or resolution of problems in Agriculture, Industry, Energy, Natural Resources, Health etc. related to some local problems of Manipur.

Projects should be on applied aspects of the problems and may be of single or multi-disciplinary nature, but should have significant Science and Technology component.

Projects which are essentially of academic nature will not be supported.

WHEN AND HOW TO SUBMIT A PROPOSAL :

The proposal can be submitted as per DST notification, which is normally issued around October-December every year. The proposal shall be in prescribed format only.

COMPONENTS OF GRANT :

Honoraria of the research personnel, consumables, travel and contingencies are provided.

ITEMS NOT ALLOWED OUT OF THE GRANT/RESTRICTIONS :

- Purchase of furniture, Laboratory equipments, vehicles etc. are not allowed out of grant. Permanent equipments may be considered only in exceptional cases.
- Projects on pure Sciences and those which are primarily of academic interest shall not be supported.
- The Project should not be drawn to obtain a few research fellows who may work towards Ph.D. Degree, since opportunities or such fellowship are available under separate programme.
- Project duration shall normally be of 6(six) to 12(twelve) months only, and projects of longer duration may be considered only in exceptional cases.

OPERATION OF THE SCHEME :

Project proposals are evaluated by a Committee of Experts. The Investigators may be required to make a short presentation to the Committee of Experts on proposal, for interactive discussion and appreciation of the proposal. The Investigators may also be asked to present their findings at the Seminar/Workshop arranged by this Deptt. after completion of the project.

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THRUST AREAS FOR R&D SCHEME

THRUST AREAS :

To direct the efforts of experts, the following priority areas with the objective of Socio-Economic Development have been identified.

1. Energy related technologies including those for Renewable/Non-Conventional Sources, and Energy Conservation aspects with due weightage to domestic/local availability base.
2. Conservation of land, water and energy resources and their integrate management for sustainable development, leading to higher efficiencies in utilisation.
3. Local-specific requirements of exclusive concern to Manipur such as those based on Natural Resources and indigenous.
4. Extensive and intensive mapping and exploration of natural resources as well as estimation of reserves for optimal utilisation of such resources.
5. The necessity of protecting vast sections of people against natural hazards like Earthquakes, Cyclones, Draughts and Floods.
6. Agriculture, allied services and agro-based industries.
7. Technologies and practices for provision for maintenance of health services, as well as leading to development of new drugs, medical devices and instrumentation, improved practices etc.
8. Technologies and practices related to betterment of infrastructural facilities like; Transport, communication, drinking water, irrigation and housing.
9. Areas which are relevant to a hold range of modern systems like materials development, bio-technology, electronics and communication, with emphasis on new product and system designed.
10. Speedily enlarging areas of recognized strength like software.