



Government of India
Ministry of Science and Technology
(Department of Science and Technology)
Instrumentation Development Programme (IDP)

Call for proposals under Instrumentation Development Programme (IDP)

➤ **Introduction**

The **Instrumentation Development Programme (IDP)** was initiated by Department of Science and Technology in 1975 with an aim to indigenize development and production of instruments; update instruments developed earlier; design and develop modern advanced and novel instruments; and establish a base in S&T and production techniques. To strengthen R&D in specific identified areas and to implement/formulate the policies in this regard, Department has constituted the National Instrumentation Development Board.

➤ **Scientific priorities**

Support developmental projects focusing on creative ways of addressing the needs of users and industry. Such efforts include developing new and innovative instruments; modifying existing instruments; accommodating the needs of the users and industrial sector with specifically designed instruments; and developing lab based models for further scale up.

The following priority areas have been identified under IDP programme:

- Analytical Instrumentation
- Medical Instrumentation
- Industrial Instrumentation
- Sensors & Allied Instrumentation

➤ **Types of projects supported**

This is a Strategic call to fund the following types of projects:

- **Research Grants** in the above mentioned areas
- **Workshops** focused on bringing academia, researchers, users and industry together to help establish development of new consortia
- **Training Program Grants** for manpower capacity building in the relevant areas
- **Analysis and studies** (Feasibility studies, Technology foresight studies, etc.), and
- **Financial assistance to industries** to meet out their recurring expenditure for the development of Instruments in association with research laboratories.

➤ **Eligibility**

The project proposals could be submitted for financial support by scientists/engineers/technologists working in Universities, and other academic institutions/research laboratories and non-profit making institutions having adequate infrastructure facilities to carry out R&D work.

Financial support is provided for project staff salaries, equipments, consumables, internal travel and other miscellaneous items. No support is provided towards creating basic infrastructure and building.

The investigators/R&D Groups should have adequate experience and expertise in the relevant area of design and development of instrument.

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➤ Evaluation Criteria

- Proposals will be judged based on scientific merit, with emphasis placed on the importance of the instrument being developed and its relevance to users and industry.
- Proposals will be assessed by presentation before the expert advisory committee with additional inputs from the expert review panel.

➤ How to apply

Full proposals can be submitted or alternatively an Expression of Interest (EOI) to the IDP programme coordinator for assessment. Full proposals will be invited on the basis of EOI and assessed as per the evaluation procedure of the IDP programme. The EOI must contain, in the following order:

- Principal Investigator
- Institution
- Co-applicants and partners
- Title
- Summary of proposal including mechanisms for ensuring the deliverables
- Total value of project

➤ Proposal Guidelines

- The format for preparation of proposals and details of ongoing IDP activities are available at DST website: <http://dst.gov.in>
- **Collaboration with industry** (including small- and medium-sized enterprises; SMEs) to the tune of 10% of the total cost of the project **in cash or kind is mandatory**. The partnership should be genuine with willingness to take up the further development and manufacturing of deliverable. Such partnerships are to be built before submitting the project proposal and documentary evidence for the same should be incorporated in the project proposal.
- It is desirable that the project goals and deliverables must accrue within a maximum of three years. The proposal can be submitted in form of concept proposals-EOI (2 pages maximum) or full proposal (20 pages maximum). CV of PI should be condensed in two pages with list of publications relevant to project only. Total number of publications should be mentioned.
- Proposal must specify verifiable milestones and outputs, and their proposed indicators of successful translation.
- All proposals must be routed through the Head of the Institute and duly signed by the PI and forwarded by Department Chair or Centre Director.
- A brief report after every six months and a detailed completion report at the end of the award period should be submitted.
- The proposals can be submitted throughout the year.

➤ Contact and guidance

The proposals, duly filled in the prescribed format, can be sent to the following address:

Dr Laxman Prasad

Advisor and Head

Department of Science and Technology

Technology Bhavan, New Mehrauli Road

New Delhi 110 016

Tel: 011-26590218; Telefax: 011-26510686; E-mail: laxman@nic.in

Further information or assistance may be obtained from Mr Chander Parkash, Director (IDP)

Tel: 26960074; E-mail: cps5007@nic.in