

Cluster of Projects Meet for Textiles and Allied Instrumentation Under Instrumentation Development Programme of Department of Science & Technology

Department of Science & Technology (DST) under Instrumentation Development Programme (IDP) has been organizing in the past cluster of projects meets and invited expression of interest on pre-proposals on identified theme areas such as **Food processing instrumentation, Chemical & electrochemical sensors, Water pollution monitoring instrumentation, Bioprocess instrumentation and Instruments for sensor and system.**

You are well aware that Textile Industry has held the position of being the second largest industry in the country, as also the second largest employment provider. Being one of the highest Forex earners, the importance of this industry need no further emphasis.

The technology in India has now geared for making state-of-the-art products with the advent and adoption of latest technology. However, the acceptability of these products in the Indian and Overseas market is based on satisfactory test results and performance data. And many technologies being new, the testing equipment are either not available or need to be imported with extra ordinary cost. Further online instrumentation may also enhance the capabilities of the existing technology level.

As testing of textiles is very important factor in the manufacturing and marketing of the product, more emphasis should be given to the development of testing equipments as well as instrumentation. The equipment being manufactured in India for textile testing are mostly electro-mechanical and needs modernization and sophistication.

Considering this and the growing demand for proven textile products in future, Department of Science and Technology (DST) wants to encourage the Indian Scientists/Technologists to put efforts in design and development of textiles and allied instrumentation such as testing instruments, process control instruments, plasma textile treatment, pollution monitoring and control in textile industry etc. under IDP of DST. In this regard, a project cluster meet is being organized by DST to be held in **7-8th September 2010 (Tuesday and Wednesday)** at The Synthetic and Art Silk Mills' Research Association (SASMIRA), Mumbai wherein, the ideas as expressed in the proposals of the Scientists/Technologists from different organizations would be discussed before DST's Expert Advisory Group (EAG) on Industrial Instrumentation. The recommendations/suggestions of EAG will help the PI's for formulating the final proposal which will further be taken up for regular evaluation/ peer review before sanction. This exercise is being undertaken to curtail the time taken for the process of proposals received under this scheme.

You are requested to submit a brief write up about the instruments that you wish to design and develop in the area of textiles and allied instrumentation in the enclosed prescribed format latest by **15th August, 2010**:

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Expression of Interest on Pre-Proposal

THEME

**“TEXTILES AND ALLIED INSTRUMENTATION”
INSTRUMENTATION DEVELOPMENT PROGRAMME (IDP)
DEPARTMENT OF SCIENCE & TECHNOLOGY (DST)
GOVERNMENT OF INDIA**

SUBMITTED BY
(Complete correspondence address with Email ID, phone no, mobile no)

**FORMAT FOR SUBMISSION OF
PROJECT PROPOSAL**
(Maximum 2 – 3 pages)

1. **Project Title**
2. **Broad Area**
3. **Duration of the project**
4. **Tentative Budget: Recurring and Non-recurring**
5. **Institution/Organisation**
6. **Industrial Collaborator**
7. **Summary of the Project** (Maximum 200 words)
8. **Objectives of the Project** (Maximum 100 words)
9. **Review of status and technology trends in respect of instrument/system to be taken up for development :**
 - a. *International status of development :*
 - b. *Current status in our country :*
10. **Brief Principle of operation and technical specifications**
11. **Users/User Agencies/ Scope for commercialization:**