

**MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY**

**Fund for Improvement of S&T infrastructure in  
universities and higher educational institutions (FIST)**

Department of Science and Technology, Government of India, is launching a new scheme called FIST (Fund for Improvement of S&T infrastructure in universities and higher educational institutions) during the 9th Five Year Plan. This scheme is intended to provide basic infrastructure and enabling facilities for promoting R&D activities in new and emerging areas and attracting fresh talent in universities and other educational institutions.

*Nature of Support:* The scheme will provide optimal infrastructure facilities such as, adequate laboratory space, cold rooms, modernization of laboratories, acquisition of essential equipment and up-gradation of existing facilities and ready access to information systems and computational facilities, data bases, scientific journals, etc.

*Duration:* The duration of support for each department will be for a period not exceeding 5 years.

*Eligibility:* All Science and Engineering departments in universities and other higher educational institutions are eligible.

**Type of support**

(a) *Level I:* Proposals from relatively small but active Departments requiring moderate funding for improving quality of teaching and research through modernization of laboratories and for augmenting library and networking & computational facilities.

(b) *Level II:* Proposals from well established departments requiring substantial funding for acquiring state-of-the art equipment and setting up laboratories conforming to GLP norms for conducting internationally competitive research including networking and computational facilities.

*Selection:* The selection will be through a peer-review mechanism and visit to the laboratories, if necessary. An Advisory Board of Experts will assist the Department in making the final selection.

*Application:* Applications are invited from eligible departments in the universities and other higher educational institutions in the prescribed format given below. The departments may be required to submit additional information and/or presentation. Application complete in all respects should reach the following address on or before **15 April 2000**.

Dr. R.C. Srivastava  
Scientist 'G',  
Science and Engineering Research Council (SERC) Division  
Department of Science and Technology, Technology Bhawan  
New Mehrauli Road, New Delhi 110 016.  
(Telefax: 011-6963695; e-mail: rchandra@alpha.nic.in)

A floppy diskette (3.5") with proper labelling should also be attached

The envelope should mention on top **"PROPOSAL UNDER FIST"**

## PRESCRIBED FORMAT

Application for [please tick (one)]

Level I

Level II

1. (a) Name of the University/Institution  
(b) Name of the Department & years of Establishment  
(c) Address for correspondence including telephone, telegram, FAX, e-mail, etc.
2. Number of Faculty members: (i) Professors; (ii) Readers; (iii) Lecturers
3. Distinction earned by faculty members like National and International awards, Professional Societies.
4. Student strength at: (a) PG level – M.Sc. – Regular students, M.Phil.  
(b) Ph.D. in each sub-discipline.
5. Indicate the development grant received from UGC/AICTE during the Seventh and Eighth plan.  

	<u>Seventh plan</u>	<u>Eighth plan</u>
Building		
Equipment		
6. What is the annual grant available to the department from your university/institution during the last two years  

<u>Year</u>	<u>For Research</u>	<u>For Teaching</u>
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7. Has the department received any major infrastructural Research grant during the last five years from S&T agencies including UGC/AICTE. If yes, details.  

<u>Head</u>	<u>Name of Agency/Scheme with year and amount</u>
Building	
Equipment	
Books & Journals	
Supplies and Materials	
Computing & Networking	
Facilities.	
8. Is the Department recognized under DRS (Departmental Research Support), DSA (Department Special Assistance), Centre for Advanced Study (CAS) and COSIST Schemes of UGC for receiving support. Please (tick) one  

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRS	DSA	CAS	COSIST
9. Details of research grant received from different agencies during the last five years:  

<u>Name of the Investigator</u>	<u>Title of the project and duration</u>	<u>Amount sanctioned</u>	<u>Funding Agency</u>
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10. Indicate the research activities of the faculty members as per the following proforma

<u>Name and designation of Faculty</u>	<u>Major areas of Research</u>	<u>Number of Ph.Ds Produced (in last 5 years)</u>
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11. List of research publications, including patents, coming out of your department during the last five years in the refereed journals.

12. Give a list of equipments which are available and functional in the department costing Rs 5 lakhs and above.

<u>Name of Equipment</u>	<u>Year of Purchase</u>	<u>Status</u>
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13. *Library facilities:* List the journals received in your department/university library in the concerned discipline.

14. Details of computing and networking facilities available in your department and institution.

15. Details of facilities in central instrumentation centres such as RSIC, USIC, etc. if any.

16. Details of Research profile/plans of the Department for the next 5 years.

17. Details of funds requested for 5 years along with phasing for each year:

Cost in Rs (FE component in US\$)

Sl.No./Items Name	1st Year	2nd year ..... 5th year	Total
A. Equipment			
B. Infrastructure facilities			
C. Networking, computational facilities etc.			
D. Maintenance of equipment			
Total			

18. Justification for each item given at serial No. 17.

Information submitted as above is true and correct.

Signature of the  
Head of the Department

Signature of the  
Head of the Institution