

**MINISTRY OF SCIENCE & TECHNOLOGY**  
**DEPARTMENT OF SCIENCE & TECHNOLOGY**

**Fund for Improvement of S&T Infrastructure in Universities and  
Higher Educational Institutions (FIST)**

Proposals are invited for consideration of support under the Scheme "Fund for Improvement of S&T Infrastructure (FIST)" of the Department of Science & Technology (DST), Government of India. The Scheme is intended to provide basic infrastructure and enabling facilities for promoting R&D activities in new and emerging areas and attracting fresh talents in universities and other educational institutions.

**Nature of support:** The Scheme will provide optimal infrastructure facilities such as adequate laboratory space and cold rooms (no fresh constructions), modernization of laboratories, acquisition of essential equipment and up-gradation of existing facilities, databases, scientific books, etc.

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

**Eligibility:** All Science & Engineering Departments/Centres which have been existing for at least 5 years in universities and other higher educational institutions are eligible. **The Departments/Centres already approved for support under the Scheme are not 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, for augmenting library and networking and 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 DST 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. **Two copies of application complete in all respect; along with a floppy diskette (3.5") with proper labeling should reach the following address on or before 31st May 2002. A Summary Sheet** containing Level, Subject Area, name of Department/Centre and University/Institute, complete address for correspondence including name of Head, Telephone no., Fax and E-mail and the total budget may also be attached.

**Dr A. Mukhopadhyay, Director,** Science & Engineering Research Council (SERC) Division, Department of Science & Technology (DST), Technology Bhavan, New Mehrauli Road, New Delhi 110 016, Tel: 011-656 7373, Extn 445, E-mail: tsd@alpha.nic.in.

The envelope should mention on top "**PROPOSAL UNDER FIST in Subject Area .....**".  
(e.g. Life Science, Physical Science, Chemical Science, Engineering Science, Earth & Atmospheric Science and Mathematical Science).

## PRESCRIBED FORMAT

**Application for (please tick one)**

**Level I**

**Level II**

1. (a) Name of the Department & Year of Establishment  
(b) Name of the University/Institution  
(c) Address for correspondence including Telephone, Telegram, Fax, e-mail, etc.
2. Status of the Institute/University/College (Central Govt/State Govt/Private)
3. Name and Number of Faculty members: (a) Professors, (b) Readers and (c) Lecturers  
(List only those who are faculty members)
4. Distinction earned by faculty members like National and International Awards, Professional Societies
5. Student strength at: (a) PG level – M.Sc. – Regular students and donation seats  
M.Phil – (b) Ph.D. in each sub-discipline
6. Indicate the development grant received from UGC/AICTE during the Eighth and Ninth Plan  

	Eighth Plan	Ninth Plan
Building		
Equipment		
7. What is the annual grant available to the department from your university/institution during the last two years  

Year	For Research	For Teaching
8. Has the Department received any major infrastructure research grant during the last five years from S&T agencies including UGC/AICTE. If yes, details.  

Heads	Name of Agency/Scheme/with year and amount
Building	
Equipment	
Books	
Supplies and Materials	
Computing and Networking Facilities	
9. Is the Department recognized under DRS (Departmental Research Support), DSA (Departmental Special Assistance), CAS (Centre for Advanced Study) and COSIST schemes of UGC for receiving support. Please (tick) one:  

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

Name of the Investigator	Title of the project and duration	Amount sanctioned	Funding Agency
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11. Details of any other Resource Generation Avenues (other than Sponsored Research Grants)

12. Indicate the research activities of the faculty members as per the following proforma

Name and Designation of Faculty	Major areas of Research	Number of Ph.Ds. produced (in last 5 yr)
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13. List of Research Publications, including patents, coming out of your Department during the last five years in the refereed journals.

14. Give a list of Equipment, which are available and functional in the Department costing Rs 5 lakhs and above.

Name of Equipment	Year of Purchase	Status
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15. Library facilities – List the Journals received in your department/university library in the concerned discipline.

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

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

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

19. Has the Department applied in the year 2000 and was not recommended for support? If yes, indicate (in 200 words) the major developments in the Department in last 2 years.

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

**Cost in Rs (FE component in US \$)**

Sr. No./Items Name	1st Year	2nd Year	5th Year	Total
A. Equipment				
B. Infrastructure Facilities				
C. Networking and Computational Facilities etc.				
D. Maintenance of Equipment				
Total				

21. Justification for each item given at No. 20.

Information submitted as above is true and correct.

Signature of the  
Head of the Department

Signature of the  
Head of the Institution

(This advertisement is also available on Internet at: <http://www.serc-dst.org.in>)