

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 & 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.

The facilities provided under the Program are intended to support the efforts of the Department as a whole or a number of faculty members in the Department.

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

Eligibility: All Science & Engineering Departments/Centres having post-graduate programs which have existed 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 & 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 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. **One copy of application complete in all respects along with a floppy diskette (3.5") with proper labelling should reach the following address on or before 30 April 2003.**

A Summary Sheet in a separate page containing Level, Subject Area, Name of Department/Centre and University/Institute, Year of Establishment, Status of Institute/University/College, complete postal address for correspondence including name of Head/Contact Person, Pin Number, State/UT, Telephone no., Fax and e-mail and the total budget may also be attached. Please note that it will not be possible to consider incomplete applications for processing to support under the Program.

Dr A Mukhopadhyay, Director, Science & Engineering Research Council (SERC) Division, Department of Science & Technology (DST), Technology Bhavan, New Mehrauli Road, New Delhi 110 016, India. Tel: 011-26602193 (direct), 2656 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 & Mathematical Science]

PRESCRIBED FORMAT

Application for [please tick one] Level I Level II

1. (a) Name of the Department and 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. (a) Name & Number of Faculty members in position: (a) Professors, (b) Readers & (c) Lecturers (List only those, who are faculty members)
 (b) Sanctioned Strength
4. Distinction earned by faculty members like National and International Awards, Professional Societies
5. (a) Actual Current student strength at: (i) PG level – M.Sc. – Regular students & Donation Seats
 M.Phil.
 M.E./M.Tech., etc.
 (ii) Ph.D. in each sub-discipline.
 (b) Actual Degree-wise students output for last five years:

No. of students in each degree	Years					Total
	1998	1999	2000	2001	2002	
M.Sc.						
M.E./M.Tech.						
M.Phil., etc.						
Ph.D.						

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 DSA CAS COSIST

10. Details of research grant received from different agencies during the last five years:

<i>Name of the investigator</i>	<i>Title of the project and duration</i>	<i>Amount sanctioned</i>	<i>Funding agency</i>
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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

<i>Name and designation of faculty</i>	<i>Major areas of research</i>	<i>Number of Ph.Ds. produced (in last 5 years)</i>
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13. (a) List of Research Publications in refereed journals coming from the Department during the last five years (Authors' Names, Title of Paper, Name of the Journal, Volume, Page nos., Year).

(b) List of Publications in Conference Proceedings during last five years (Authors' Names, Title of Paper, Name of the Conference, Volume, Page nos., Year).

(c) List of Patents obtained or applied for during last five years.

(d) List of scientific/technical books written by Faculty members in the Department.

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

<i>Name of equipment</i>	<i>Year of purchase</i>	<i>Status</i>
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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 or 2002 and not been recommended for support?
If yes, indicate (in 200 words) the major developments in the Department in last 3 years.
20. 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				

21. Justification for each item given at Item No. 20.
22. Specify the recipient of the Grant (Registrar/Director/Principal/Any other) by attaching an endorsement from Head of Institution/University/College.

Information submitted as above is true and is 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>]