

**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 & other educational institutions.

Nature of Support: The Scheme will provide optimal infrastructure facilities such as, renovation of laboratory space & cold rooms (no fresh constructions), modernization of laboratories, acquisition of essential equipment & up-gradation of existing facilities, databases, scientific books (no journals) 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 (including Medical & Agriculture) and Engineering Departments/ Centres having post-graduate teaching & research programs which have existed for at least 5 years in universities and other higher educational institutions are eligible. **The Departments/ Centres already supported & identified for support under the Scheme are not eligible. However, the Departments/ Centres who are completing 5 years duration of support by March 2007, may be eligible for submission of Proposal.** In case of departments from self-financed & private Colleges/ Institutes, support shall be considered **only for research**, having **National Level Test qualified post-graduate students (more than 50 %)** and such department would need to **contribute 50 % of total recommended budget.**

Type of Support

(A) **Level – I:** Proposals from relatively small but active Departments requiring moderate funding (upper limit - Rs 5 crores) for improving quality of teaching & research through modernization of laboratories, for augmenting library and networking & computational facilities.

(B) **Level – II:** Proposals from well established Departments requiring substantial funding (upper limit – Rs 10 crores) for acquiring state-of-the-art equipment and setting up laboratories for conducting internationally competitive research including networking & 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 respect along with a floppy diskette (3.5 ") or CD with proper labeling should reach the following address on or before 20th March 2006.** Sending proposal through e-mail shall be avoided as far as possible.

A Summary Sheet in a separate page containing Level, Subject Area, Name of Department/ Centre & 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 & E-mail and the total budget may also be attached. **Please note that incomplete Proposal, Proposal not in the prescribed format and Proposal received after the due date would summarily be rejected and no correspondence with Department would be made in this respect.**

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 – 26602193 (direct), 26590445 E-mail: tsd@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 & 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./ State Govt. Aided/ Private (self-financed)]
 3. a) Name & Number of Faculty members in position: a) Professors, b) Readers & c) Lecturers
(List only **Core & Permanent** Faculty Members in Department/ Centre/School with their academic qualifications)

Name of Faculty Member	Designation	Age	Highest Qualification

- 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 /MD/MS etc.
(ii) Ph.D in each sub-discipline.

b) Degree-wise actual number of passing out students in last five years:

No. of Students in each degree	Years					Total
	2002	2003	2004	2005	2006	
M Sc M E/ M Tech M Phil etc. MD/MS Ph D						

- c) Number of Students (year-wise) who qualified in NET & obtained more than 90% percentile in GATE
 - d) Placement of graduating post-graduate & Ph D students in the Department.
 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 & 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 SCI 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 Post-graduate Teaching & Research profile/plans of the Department for next 5 years.

19. Has the Department applied in previous years & not been recommended for support? If yes, indicate (in 200 Words) year & the major developments in the Department in last 3 years.
20. Has the Department received support under the FIST Program during the year 2000? If so, indicate the details of support received, their utilization and the impact of that support in Department's profile & growth.
21. Details of funds requested for 5 years along with phasing for each year:

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

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

22. Justification for each item given at Item No. 21.
23. 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>]

