<div align="center">

Ministry of Science & Technology
Department of Science & Technology

"Fund for Improvement of S&T Infrastructure in Universities and Higher
Educational Institutions (FIST) Program – 2020"

</div>

Proposals are invited online 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 & other educational institutions. It is considered as complimentary support for enabling Departments/ Centres/ Schools/ Colleges to pursue research activities more effectively and efficiently.

Nature of Support: The Scheme will provide optimal infrastructure facilities for post-graduate and higher research, such as, renovation of existing laboratory space (no fresh constructions) and cold room, modernization of laboratories involved in PG and higher research, acquisition of essential equipment, up-gradation of existing facilities, networking & computational facilities including software & databases, scientific & technical books (no journals), maintenance & refurbishing of existing and new facilities 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. Proposal towards individual R&D support would not be accepted under this Scheme. The synergy and focus of research may preferably be aligned to National Missions/ priorities.

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

Eligibility: For <u>**University / Degree awarding Academic Institutions,**</u> the support will be considered for the 'Department / School / Center' as a unit. All Science (including Medical & Agriculture) and Engineering Departments/ Centres having strong PG research programs which have existed for at least 3 years or more in universities and other higher educational institutions <u>**recognized or regulated by UGC/ AICTE and/or MHRD/ State Education Department based, are eligible seeking support for the 1st time. All other agency based academic University/ Institutes are excluded from the scope of FIST support.**</u> The Department/ Centre/ School already supported under FIST Program may submit fresh proposal after completion of the ongoing project duration, provided such projects completed in all respects and obtained 'Completion Certificate' whose copy may be attached in the current proposal. The number of Core Faculty Members with PhD degree in the Department/ Centre/ School shall be at least 5 (Five), 8 (Eight) and 10 (Ten) for Level I, Level II and Level III, respectively. For applying under Level III support, the concerned Department must have been in existence for at least 15 years and implemented at least two (2) FIST Projects at Level II category and have obtained one 'Excellent' and one 'Very Good' grading in last two FIST Level 'II' Projects. Those Departments that have completed 2 cycles of support in any particular level i.e. Level I or Level II and which would be not eligible in normal way to next higher level after 2 cycles of support may be considered for support, only for research, with the maximum quantum equal to 50% of upper limit of support in any given category as a upper limit in 3rd cycle of support (i.e. an upper limit of Rs 1.5 crore in Level I and Rs 5.0 crores in Level II for research purposes only).

<u>**For College, the support to 'College as a whole'**</u> shall be considered for the post-graduate S&T departments only and not for other Departments i.e. Humanities, Management, Commerce etc.

<u>**PRIVATE Academic University/ College/ Institution under Not-for-Profit status and GOVT. AIDED Colleges would be considered as Academic Institutions (Private) option during the process of online submission of proposal.**</u> For **Self-financed post-graduate departments of Private Universities/ Academic Institutes and Private/ Govt. aided Colleges**, support shall be considered <u>**only on merit of research activities for research facilities.**</u> **Such departments of the University or "College as a whole" should have at least 50% students at the PhD level pursuing their PhD as full time Research Scholar and receiving their fellowships either by virtue of NET/GATE qualification or holder of Institute/any other agency**

fellowship and such department/ College would need **to contribute 50 % of total recommended budget** (For more details please visit: www.fist-dst.org).

Type of Support:

(1) Level – 0: Proposals from active PG Colleges (Govt./ Govt. aided/ Private) shall be considered for shall be considered for a maximum support of up to Rs. 150 lakh for establishing research facilities for the S & T departments for 5 years.

(2) Level – I: Proposals from relatively small but active post-graduate S&T Department from State & Central Universities and degree awarding academic Institutions requiring moderate funding for improving quality of research. The support would be up to Rs 300 lakh for 5 years for augmentation of research facilities to a Department/ School/ Centre.

(3) Level – II: Proposals from well established S&T Department from State/ Central Universities and degree awarding academic Institutions with high repute requiring substantial funding (upper limit - Rs.1000 lakh for 5 years) for acquiring state-of-the-art equipment & setting up laboratories for conducting internationally competitive research. In addition, an amount of Rs 10.0 lakh (Rs 2.0 lakh/year) would be allocated separately to implement Scientific Social Responsibility (SSR) under the FIST Program. The SSR activities that can be supported are given in the Draft SSR document at the DST website.

(4) Level – III: Proposals from well established, internationally competitive S&T Department from State/ Central Universities and degree awarding academic Institutions. The upper limit of funding support would be Rs 2000.0 lakh for 5 years) for acquiring only state-of-the-art very sophisticated equipment/ facilities. In addition, an amount of Rs 10.0 lakh (Rs 2.0 lakh/year) would be allocated separately to implement Scientific Social Responsibility (SSR) under the FIST Program. The SSR activities that can be supported are given in the Draft SSR document at the DST website.

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.

INSTRUCTIONS FOR FILLING ONLINE APPLICATION

1. Log on onlinedst.gov.in to access the home page of the "DST e-PMS Portal".

2. Before filling up the form candidates are advised to carefully go through the Relevant Advertisement published at the DST FIST Website (www.fist-dst.org) and also available under Proposal Formats in the e-PMS Portal after logging in the portal site.

3. To save your time and avoid data loss please download the appropriate proposal format as suitable for your either Department [LEVEL I/ LEVEL II/ LEVEL III] or PG College [LEVEL 0], fill all the information required as per the format as a Word and PDF file (**max. size 5Mb**) and then keep it ready for upload during submission of mandatory documents.

4. Click on "Submit proposals" link which would take you to a page seeking multiple information starting with – General information, Principal investigator etc. Under 'Financial Details', for Non-Recurring budget head, you may directly go to Equipment (E) and fill the required details. Subsequently, for other two Non-Recurring budget heads, Infrastructure (IF) and Networking (NW), you may kindly fill the same in the blank box labeled as 'Other Cost Details', respectively. After completing details regarding IF items you may add one more blank box labeled as 'Other Cost Details' to fill the details of NW activities. For Maintenance, you may select 'Any Other Head' under 'Financial Details'. There is no need to give year wise phasing and so you may opt directly for 'Select All' box for ticking all the years mentioned in the adjacent boxes. **Please note that the figures filled here should match with the figures mentioned in the budget section of the format uploaded. Please also note for FIST Program you do not need to fill – Suggested referees and Current Ongoing Project.** Fill all the mandatory information sought against each menu except (**Suggested referees and Current Ongoing Project**).

5. After filling all above particulars there is provision for preview your detail before final submission of application form on clicking on "Preview" button. Preview page will display all facts/particulars that you have mentioned on entry time if you are sure with filled details then click on "Submit" button to finally push data into server.

6. Candidates are advised to carefully fill and verify the details filled in the online application themselves as no change will be possible/ entertained after clicking the FINAL SUBMIT BUTTON.

LAST DATE FOR RECEIPT OF APPLICATIONS:

Online Application must be submitted by 05 May, 2020 after which the web-link will be AUTOMATICALLY disabled FOR ANY USAGE.

For any enquiry, contact:
Dr Arindam Bhattacharyya
Email id: a.bhattacharyya@nic.in

PLEASE NOTE

1 IT IS MANDATORY TO SUBMIT THE PROPOSALS ONLY THROUGH **ONLINE MODE**.

2 THE DEPARTMENTS ARE REQUIRED TO SEE THE COMPLETENESS OF THE APPLICATION BEFORE IT IS SUBMITTED FINALLY. SINCE THREE (3) CHANCES ARE AVAILABLE FOR SUBMISSION OF A PROPOSAL FROM THE SAME DEPARTMENT/ COLLEGE, **THE LAST PROPOSAL SUBMITTED WOULD BE CONSIDERED FOR EVALUATION**. THE DEPARTMENT/ COLLEGE SHALL KEEP A COPY OF THE SUBMITTED PROPOSAL FOR THEIR REFERENCE. THERE WILL BE **NO NEED TO SUBMIT HARD COPY OF THE PROPOSAL AT THE DST**.

3 INCOMPLETE OR WRONGLY FILLED UP APPLICATION FORMAT OR APPLICATION WITH LACK OF ESSENTIAL INFORMATION/ DOCUMENTS WILL BE SUMMARILY REJECTED. ANY LEGAL PROCEEDINGS IN RESPECT TO ANY MATTER OF CLAIM OR DISPUTE ARISING OUT OF THIS ADVERTISEMENT AND / OR APPLICATION CAN BE LODGED ONLY IN DELHI COURTS/ TRIBUNALS/ FORUMS AND DELHI COURTS / TRIBUNAL/ FORUMS ONLY SHALL HAVE THE SOLE AND EXCLUSIVE JURISDICTION TO TRY ANY CASE / DISPUTE.

4 PROPOSAL SUBMITTED THROUGH E-MAIL WILL NOT BE ENTERTAINED. UNIVERSITY/ DEGREE AWARDING ACADEMIC INSTITUTION DEPARTMENTS (LEVEL I/ LEVEL II/ LEVEL III) AND COLLEGES (LEVEL 0) MUST USE SEPARATE FORMAT OF APPLICATION UPLOADED AT THE ONLINE PORTAL (ONLINEDST.GOV.IN)/ GIVEN IN THE WEBSITE (WWW.FIST-DST.ORG). SUBMISSION OF PROPOSAL OTHER THAN THE PRESCRIBED FORMAT SHALL SUMMARILY BE REJECTED WITHOUT ANY FURTHER PROCESSING AS PER PROGRAM NORMS.

<u>Mandatory Documents</u> to be uploaded with the Online Proposal:

- *Endorsement from PI and Summary Sheet for FIST-2020*
- *Endorsement Letter from the Registrar of the University/Head of the Institute/ Principal of the College*
- *Department of Science and Technology - Policy on Conflict of Interest*
- *Terms and Conditions for "FIST" Grant*
- *Project Implementation Group (PIG)*
- *Brief Summary of the FIST Support (**<u>Not required for Departments/ Colleges seeking first time support</u>**)*

Please note that incomplete Proposal/ Proposal not in the prescribed Format would summarily be rejected and no correspondence in such cases would be made in this respect. The name of the successful departments shall be displayed in the Website after completion of the evaluation process.

Application for [please tick one]   Level O   Level I   Level II   Level III

- Subject Area (for Level I, II and III):

- Name of the Department (for Level I, II and III)/ College (for Level O): Department of Agronomy

- Year of Establishment: 1947

- Name of the University/ Institution (for Level I, II and III): College of Agriculture, Professor Jayashankar Telangana State Agricultural University (PJTSAU), Rajendranagar, Hyderabad, Telangana

- Address for correspondence including Telephone, Telegram, FAX, e-mail etc. –

  Department of Agronomy
  College of Agriculture, PJTSAU
  Rajendranagar, Hyderabad
  Tel: 040-2401

- Status of the Institute/ University/ College (attach supporting documents)

  - Academic Status [College (Affiliated/ Autonomous/ Constituent) or Institute/University/ Deemed University]

  - Financial Status [Government (Central or State Govt.)/ Govt. Aided / Private Colleges]

- Total budget:

Information as above is true and is correct.

Signature of the
Head of the Department/ Principal of the College

Endorsement Letter from the Registrar of the University/Head of the Institute/ Principal of the College

(Statement from Employer, on the Letter Head)

This is to certify that:

I. Dr. …………………………………….., the Head or Coordinator, of the Department/ School/ Centre …………………… or Principal of the College ……………………. will assume full responsibility for implementing this project proposed under FIST Program of the Department of Science and Technology, New Delhi during………………………….

II. The date of starts of the Project from the date on which the University/Institute receives the bank draft/cheque/RTGS from the Department of Science & Technology.

III. The Head or Coordinator will be governed by the rules and regulations of the University/Institute and will be under administrative control of the University/ Institute for the duration of the FIST project.

IV. The grant-in-aid by the Department of Science & Technology will be used to meet the expenditure on the FIST project and for the period for which the project has been sanctioned as indicated in the sanction letter/ order.

V. No administrative or other liability will be attached to the Department of Science & Technology at the end of the FIST project.

VI. The University/ Institute will provide basic infrastructure and other required facilities to the investigator for implementing the FIST project.

VII. The University/ Institute will take into its books all assets received under this sanction and its disposal would be at the discretion of Department of Science & Technology.

VIII. Institute assumes to undertake the financial and other management responsibilities of the FIST project.

IX. Organizing institute will participate in the monitoring/ reviewing of the FIST Project whenever they were asked to do so.

Seal of University/Institute Signature
Registrar of University/Head of Institute/ Principal of the College

Department of Science and Technology
Policy on Conflict of Interest

For Reviewer & Committee Member or Applicant or DST Officer associated/ dealing with the Scheme/ Program of DST

Issues of Conflicts of Interest and ethics in scientific research and research management have assumed greater prominence, given the larger share of Government funding in the country's R & D scenario. The following policy pertaining to general aspects of Conflicts of Interest and code of ethics, are objective measures that is intended to protect the integrity of the decision making processes and minimize biasness. The policy aims to sustain transparency, increase accountability in funding mechanisms and provide assurance to the general public that processes followed in award of grants are fair and non-discriminatory. The Policy aims to avoid all forms of bias by following a system that is fair, transparent and free from all influence/ unprejudiced dealings, prior to, during and subsequent to the currency of the programme to be entered into with a view to enable public to abstain from bribing or any corrupt practice in order to secure the award by providing assurance to them that their competitors will also refrain from bribing and other corrupt practice and the decision makers will commit to prevent corruption, in any form, by their officials by following transparent procedures. This will also ensure a global acceptance of the decision making process adopted by DST.

Definition of Conflict of Interest:

Conflict of Interest means "any interest which could significantly prejudice an individual's objectivity in the decision making process, thereby creating an unfair competitive advantage for the individual or to the organization which he/she represents". The Conflict of Interest also encompasses situations where an individual, in contravention to the accepted norms and ethics, could exploit his/her obligatory duties for personal benefits.

1. **Coverage of the Policy**:

a) The provisions of the policy shall be followed by persons applying for and receiving funding from DST, Reviewers of the proposal and Members of Expert Committees and Programme Advisory Committees. The provisions of the policy will also be applicable on all individuals including Officers of DST connected directly or indirectly or through intermediaries and Committees involved in evaluation of proposals and subsequent decision making process.

b) This policy aims to minimize aspects that may constitute actual Conflict of Interests, apparent Conflict of Interests and potential Conflict of Interests in the funding mechanisms that are presently being operated by DST. The policy also aims to cover, although not limited to, Conflict of interests that are Financial (gains from the outcomes of the proposal or award), Personal (association of relative / Family members) and Institutional (Colleagues, Collaborators, Employer, persons associated in a professional career of an individual such as Ph.D. supervisor etc.)

2. **Specifications as to what constitutes Conflict of Interest**.

Any of the following specifications (non-exhaustive list) imply Conflict of Interest if,

(i)   Due to any reason by which the Reviewer/Committee Member cannot deliver fair and objective assessment of the proposal.

(ii)   The applicant is a directly relative# or family member (including but not limited to spouse, child, sibling, parent) or personal friend of the individual involved in the decision making process or alternatively, if any relative of an Officer directly involved in any decision making process / has influenced interest/ stake in the applicant's form etc..

(iii)   The applicant for the grant/award is an employee or employer of an individual involved in the process as a Reviewer or Committee Member; or if the applicant to the grant/award has had an employer-employee relationship in the past three years with that individual.

(iv)   The applicant to the grant/award belongs to the same Department as that of the Reviewer/Committee Member.

(v)   The Reviewer/Committee Member is a Head of an Organization from where the applicant is employed.

(vi)   The Reviewer /Committee Member is or was, associated in the professional career of the applicant (such as Ph.D. supervisor, Mentor, present Collaborator etc.)

(vii)   The Reviewer/Committee Member is involved in the preparation of the research proposal submitted by the applicant.

(viii) The applicant has joint research publications with the Reviewer/Committee Member in the last three years.

(ix) The applicant/Reviewer/Committee Member, in contravention to the accepted norms and ethics followed in scientific research has a direct/indirect financial interest in the outcomes of the proposal.

(x) The Reviewer/Committee Member stands to gain personally should the submitted proposal be accepted or rejected.

The Term "Relative" for this purpose would be referred in section 6 of Companies Act , 1956.

3. Regulation:

The DST shall strive to avoid conflict of interest in its funding mechanisms to the maximum extent possible. Self-regulatory mode is however recommended for stake holders involved in scientific research and research management, on issues pertaining to Conflict of Interest and scientific ethics. Any disclosure pertaining to the same must be made voluntarily by the applicant/Reviewer/Committee Member.

4. Confidentiality:

The Reviewers and the Members of the Committee shall safeguard the confidentiality of all discussions and decisions taken during the process and shall refrain from discussing the same with any applicant or a third party, unless the Committee recommends otherwise and records for doing so.

5. Code of Conduct

5.1 To be followed by Reviewers/Committee Members:

(a) All reviewers shall submit a conflict of interest statement, declaring the presence or absence of any form of conflict of interest.
(b) The reviewers shall refrain from evaluating the proposals if the conflict of interest is established or if it is apparent.
(c) All discussions and decisions pertaining to conflict of interest shall be recorded in the minutes of the meeting.
(d) The Chairman of the Committee shall decide on all aspects pertaining to conflict of interests.
(e) The Chairman of the Committee shall request that all members disclose if they have any conflict of interest in the items of the agenda scheduled for discussion.
(f) The Committee Members shall refrain from participating in the decision making process and leave the room with respect to the specific item where the conflict of interest is established or is apparent.
(g) If the Chairman himself/herself has conflict of interest, the Committee may choose a Chairman from among the remaining members, and the decision shall be made in consultation with Member Secretary of the Committee.
(h) It is expected that a Committee member including the Chair-person will not seek funding from a Committee in which he/she is a member. If any member applies for grant, such proposals will be evaluated separately outside the Committee in which he/she is a member.

5.2 To be followed by the Applicant to the Grant/Award:

(a) The applicant must refrain from suggesting referees with potential Conflict of Interest that may arise due to the factors mentioned in the specifications described above in Point No. 2.

(b) The applicant may mention the names of individuals to whom the submitted proposal should not be sent for refereeing, clearly indicating the reasons for the same.

5.3 To be followed by the Officers dealing with Programs in DST:

While it is mandatory for the program officers to maintain confidentiality as detailed in point no. 6 above, they should declare, in advance, if they are dealing with grant applications of a relative or family member (including but not limited to spouse, child, sibling, parent) or thesis/ post-doctoral mentor or stands to benefit financially if the applicant proposal is funded. In such cases, DST will allot the grant applications to the other program officer.

6. Sanction for violation

3.1 For a) Reviewers / Committee Members and b) Applicant

Any breach of the code of conduct will invite action as decided by the Committee.

3.2 For Officers dealing with Program in DST

Any breach of the code of conduct will invite action under present provision of CCS (conduct Rules), 1964.

7. Final Appellate authority:

Secretary, DST shall be the appellate authority in issues pertaining to conflict of interest and issues concerning the decision making process. The decision of Secretary, DST in these issues shall be final and binding.

8. Declaration

I have read the above "Policy on Conflict of Interest" of the DST applicable to the Reviewer/ Committee Member/ Applicant/ DST Scheme or Program Officer # and agree to abide by provisions thereof.

I hereby declare that I have no conflict of interest of any form pertaining to the proposed grant *
I hereby declare that I have conflict of interest of any form pertaining to the proposed grant *

* & # (Tick whichever is applicable)

Name of the Reviewer/ Committee Member or Applicant or DST Officer
(Strike out whichever is not applicable)

(**Signature with date**)

DEPARTMENT OF SCIENCE & TECHNOLOGY

TERMS AND CONDITIONS
FOR
"Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST)" GRANT.

In recent years, scientific community has expressed great concern about the lack of infrastructure facilities for imparting good quality of higher education and conducting research in emerging fields of science and engineering. Several efforts have been made in past to strengthen research as well as teaching in carefully identified areas and university departments. These departments are now in a stage for further strengthening of their infrastructure to enhance their visibility both nationally and internationally. It has also become necessary to extend such infrastructure support to other higher technical and medical educational institutions.

Keeping all these factors in mind, a new scheme entitled "Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions – (FIST)" has been initiated.

The Terms and Conditions:

- The grant being released under the scheme is for strengthening infrastructure of the identified department for teaching and research and shall be spent exclusively for this purpose. The Department shall constitute a **"Project Implementation Group"** with 2-3 Faculty Members including younger faculty members under the overall supervision of the Head/ Chairman/ Dean of the Department. The **Project Implementation Group** would be responsible and accountable to DST for all aspects of implementation of such project during its 5 years project duration. The Department shall inform FIST Program Secretariat on the composition of the **Project Implementation Group** before releasing of funds etc.

- Facility created under FIST support shall not be kept with the custody of an individual faculty member in the Department and shall be made accessible to all the faculty members all the time.

- There should not be any deviation from the Budget Heads as approved by DST. In case, if it is very necessary, a request can be made to the DST for consideration.

- The grants-in-aid for "*Networking and Computational Facilities*" being released under the scheme should be utilized for creating a "*Central Computer Lab*" in the identified Department/ Centre for teaching and research with the following guidelines / norms:
    a. Internet Connectivity (to be provided by Institution)
    b. Server + Hub + Modem
    c. Several PCs or Net-Computers proportional to number of students enrolled
    d. UPS
    e. Access for Students and Faculties in the Department

    The Institution should also make sure that this grant is not meant for just providing PCs to each of the Faculty members in the Department.

- The grants-in-aid under "FIST" are to provide infra-structural facilities for research and teaching in the department. Therefore, *no provision of Overhead Charges* is admissible. **Please note that the scheme does not allow any provision for building/ construction and recruitment of staff** etc.

- All the assets acquired from the grant will be the property of the Government of India and should not, without the prior sanction of the Department, be disposed off or encumbered or utilized for purposes other than those for which the grant has been sanctioned.

- All efforts should be made to procure the equipment and other items at the earliest to avoid cost escalation due to foreign exchange fluctuation and should abide all procedures laid out by the grantee institution. In case it is found that the Department is not able to use the funds within two years of its release, the Department of Science & Technology shall have the right to withdraw the project from the Department/ University.

- The Institute will furnish to Department of Science & Technology, Utilization Certificate and an audited Statement of Accounts (in DST format) pertaining to the grant (along with Progress Report) within three months following the end of each financial year.

- After receiving the grant by the Department/ Centre, Department of Science & Technology will review the technical & financial progress including utilization of the grant on an annual basis with an appropriate mechanism. The Department reserves the right to terminate the support at any stage if it is convinced that the grant has not been properly utilized or appropriate progress is not being made.

- A register of the permanent/semi-permanent assets acquired wholly or mainly out of this grant should be maintained in the prescribed form and a copy thereof furnished to this Department. Such register of assets and the accounts maintained shall be available or open to scrutiny by Audit.

- Any unspent amount sanctioned would be surrendered to the Government as a Demand Draft in favour of Drawing & Disbursing Officer, Department of Science & Technology, New Delhi. Any carry forward of funds to the next financial year may be considered only with the specific approval of the Department.

- The Comptroller and Auditor General of India, at his discretion, shall have the right to access to the book accounts for this support. **The Department shall open an interest earning Bank account for operation of funds being transferred by DST. The interest thus earned should be reflected appropriately in the Financial Statement of each year submitted to the Department of Science & Technology and will be adjusted against further transfer of installment of the grant.**

- In order to give visibility to the identified department, the department may be called as "**DST-FIST Sponsored Department**". This may be suitably displayed.

- **Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.**

- The concept of Scientific Social Responsibility (SSR) need to be endorsed and may include certain criteria (like Mentorship, Workshops etc.) that would highlight the role of the Department/ College in the SSR.

Signed by   Signed by

------------------------------   ----------------------------

Head of the Department/ Centre   Head of the University / Institute or
                                                  Principal of College

PROJECT IMPLEMENTATION GROUP

The Project Implementation Group (PIG) is constituted with the following faculty members who will be responsible and accountable for the smooth implementation of the DST FIST Project at the Department/ Centre/ School/ PG College.

S. No.	Name of Faculty Member	Designation, Affiliation, Phone, email id

Signature of the
Head of the Department/ Principal of the College

Brief Summary of the FIST Support

Name of the Department/ Centre/ School/ PG College:

Date of Start		Total Sanctioned Cost	Rs ……. cr
Date of Closure			
Total Released amount	Rs …….. cr	Total Expenditure So far	Rs ………cr
Balance Available as after due date	Rs ……… cr		
No. of Faculty Members involved in FIST			
Name of Equipment Acquired [Costing more than Rs 25 lakh (Level I & II) & Rs 10 lakh (Level 0)]			
Type of Computational Facilities created			
No. of Small Equipment (Cost below Rs 25 lakh (Level I & II) & Rs 10 lakh (Level 0)]			
Outcome	**Before FIST (5 years)**	**After Ist FIST Support (5 years)**	**After 2nd FIST Support (5 years)**
No. of total Publications, which are only in Indexed Journals. (only SCOPUS publications)	Ist year 2nd year 3rd year 4th year 5th year	Ist year 2nd year 3rd year 4th year 5th year	Ist year 2nd year 3rd year 4th year 5th year
Publications out of FIST Support	Ist year 2nd year 3rd year 4th year 5th year	Ist year 2nd year 3rd year 4th year 5th year	Ist year 2nd year 3rd year 4th year 5th year
Average Impact Factor of Publications			
No. of Patents			
No. of PhD produced			
Recognition of Faculty Members			
Recognition of Students			
Recognition of the Department/ Centre/ School/ PG College			
Other Extra Mural Research Grant Received	No. of Projects:	Amount (Rs in Lakh):	Sponsoring Agency's Name:
Any new Science or Technological			

innovation/deliverable	
Any Technological intervention to the Society	

Note: Departments seeking first time support under FIST need not fill this format.

Application for [please tick one]   Level I [ ]   Level II [ ]   Level III [ ]

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.

    d) Year of Commencement of PG Program in the Department & its Financial Status (General/ Self-financed)

2. Status of the Institute/ University (attach supporting documents)

    a) Academic Status [Autonomous Institute/ University/ Deemed University]:

    b) Financial Status [Government (Central or State Govt.)/ Govt. Aided/ Private]:

    i) Upload the copy of 2f and 12B Certificate issued by UGC along with the online submitted proposal.

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)

    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, M. Phil, M E/ M. Tech, MD/MS etc.
    (Regular Students & Donation Seats)
    (ii) Total No. of Full Time Ph. D scholars in each sub-discipline.

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

No. of Students in each degree	Years				
	2015 Total	2016	2017	2018	2019
M Sc M E/ M Tech M Phil etc.					

MD/MS Ph D	

c) i) Number of Students (year-wise) who qualified in NET in M. Sc Program or GATE (more than 90% percentile) qualified in ME/ M Tech Program

   ii) Number of Full Time Ph. D research scholars with fellowships awarded from any agency in the department

S No.	Name of PhD scholar	Date of joining	Fellowship awarding agency	Fellowship amount (Rs)

d) Placement of graduating post-graduate & Ph D students in the Department.

- 2 -

6. Indicate the development grant received from UGC/AICTE during the Eleventh and Twelfth Plan.

$$11^{th} \textit{ Plan} \qquad\qquad 12^{th} \textit{ Plan}$$

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. Research Grant received from different agencies during the last five years:

    c) Total Amount (Rs) and Number of Research Projects

    d) Details thereof:

Name of the Investigator	Title of the project and duration	Amount sanctioned	Funding Agency

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 pro-forma

Name and Designation of Faculty	Major areas of Research	Number of Ph. Ds produced (in last 5 years)

13.   a) List of Research Publications **only** 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)

   [Publications in other than SCI Journals as well as publications from the work done elsewhere shall not be included]

   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 patents commercialized and its profitability earned out of commercialization (in last 15
years)

   e) List of scientific/ technical Books written by Faculty Members in the Department.

   f) Average Impact Factor of the publications and Name of the Major Journals in which publications
   are made

14. Give a list of Equipment, which are available and functional in the Department costing Rs.10 lakh and above.

Name of Equipment	Year of Purchase	Status

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 and Research Profile & Plans of the Department for next 5 years.

19. The research profile of the Department may fall in the following categories. Please [tick]:

    Make in India ☐   Swachch Bharat ☐   Digital India ☐   Swasth Bharat ☐   Start-up India ☐

20. Details of Strength of the Department/ School/ Centre and Deliverables in the proposal:

    i) Existing Faculty and Infrastructure strengths of Deptt/ Centre/ School justifying the Proposal

    ii) Specific Objectives of the Proposal in relation of above strengths

    iii) Expected Academic Outcomes (experimental facilities to be created, UG/PG programs supported as well as research themes to be enabled by these facilities, publications with impact factor) from the implementation of the proposed proposal

21. 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.

22. Has the Department received support under the FIST Program in previous years in any level? If so, indicate:
    i) Project No.
    ii) Amount Received and Expenditure (Rs in lakh)
    iii) Impact of that support in Department's profile & growth (as per **Annexure – 1**).

23. Details of funds requested for 5 years (*Please note that the figures filled here need to match with the figures filled in the online 'Financial Details' section*):

	Cost in Rs. (FE component in US$)	
S. No. / Items Name	Total FE Cost	Total INR Cost
A. Equipment (Name of each Equipment) B. Infrastructure Facilities (Books, Renovation of Labs etc.) C. Networking & Computational Facilities etc. D. Maintenance of Equipment		
Total		

24. Details of each Budget Heads with full justifications for each item as given at Item No. 23 including details of similar support from any other sources.

25. Specify the recipient of the Grant (Registrar/ Director / Any other) by attaching an endorsement from Head of Institution/ University.

Information submitted as above are true and correct.

Signature of the   Signature of the
Head of the Department   Head of the Institution

<p align="center">**PRESCRIBED FORMAT for PG Colleges**</p>

<p align="center">**FIST – 2020**</p>

Application for PG Colleges at Level - 0

1.   a) Name of the College & Year of Establishment
       b) Name of the post-graduate Departments & Year of Commencement of PG Program
       c) Address for correspondence including Telephone, Telegram, FAX, e-mail etc.
       d)   Year of Commencement of PG Program in the Department & its Financial Status (General/Self-financed)

2.   Status of the College (scan and upload supporting documents along with the proposal)

       a) Academic Status [Affiliated College/ Autonomous College/ Constituent College]
       b) Financial Status [Govt. (Central and State Govt.) / Govt. aided / Private Colleges]
         i) Upload the copy of 2f and 12B Certificate issued by UGC along with the online submitted proposal;

3.   Whether the College is accredited by NAAC/ NBA or any other relevant agency. If so, please specify the Grading or Rating by those Agencies:

Name of Agency done Accreditation	Grading or Rating	Year of Accreditation

4.   Department-wise Number of Faculty Members with Qualifications:

Name of UG and PG Departments	Number of Faculty Members	Qualifications
	UG - PG -	Post-graduate – Doctoral -

5.   Department-wise Number of Students during last three years admitted and passed:

Name of PG Department	Admitted			Passed		
	2017	2018	2019	2017	2018	2019

6.   Department-wise percentage Cut-off Marks of students admitted during last three years:

Name of PG Department	%-Cut-off Marks in UG Level Admission			%-Cut-off Marks in PG Level Admission		
	2017	2018	2019	2017	2018	2019

7. University Rank of Students at UG and PG Level University Examinations:

UG and PG Programs	University Ranks during last 3 years		
	2017	2018	2019

8. Number of Students qualified NET/GATE/INSPIRE or any other qualifying examination during last 3 years:

UG and PG Programs	No. of Students qualify NET/GATE/INSPIRE etc during last 3 years		
Name of the PG Department	Year of Support Total support provided with		
	2017	2018 details	2019

- 2 -

9. Name of the Departments supported already in the College under FIST Program:

10. Indicate the development grant received from UGC/AICTE during the Eleventh and Twelfth Plan.

11th Plan   **_12th Plan_**

Building
Equipment

11. Has the College 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

12. 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

13. Indicate the research activities of the faculty members as per the following pro-forma

Name and Designation of Faculty	Major areas of Research	Number of Ph. Ds produced (in last 5 years)

14. a) List of Research Publications in SCI Journals coming from the College 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 scientific/ technical Books written by Faculty Members in the College.

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

Name of Equipment	Year of Purchase	Status

16. Library facilities – List the Journals received in your College library in the concerned discipline.

17. Details of Post-graduate Teaching and Research Profile & Plans of the College for next 5 years.

18. Has the College received support under the FIST Program in previous years at Level '0'? If so, indicate:
    i) Project No.
    ii) Amount Received and Expenditure (Rs in lakh)
    iii) Impact of that support in College's profile & growth (as per **Annexure – 1**).

- 3 -

19. Details of funds requested for 5 years (*Please note that the figures filled here need to match with the figures filled in the online 'Financial Details' section*):

Cost in Rs. (FE component in US$)

S. No. / Items Name	Total FE Cost	Total INR Cost
A. Equipment (Name of each Equipment) B. Infrastructure Facilities (Books, Renovation of Labs etc.) C. Networking & Computational Facilities etc. D. Maintenance of Equipment		
Total		

19. Details of each Budget Heads with full justifications for each item as given at Item No. 19 including details of similar support from any other sources.

20. Specify the recipient of the Grant (Principal / Any other) by attaching an endorsement from Head of Institution/ College.

Information submitted as above are true and correct.

Signature of the
Principal/ Director of College/ Institute

[This advertisement is also available on Internet at: http://www.fist-dst.org]