PRESCRIBED FORMAT for University / Degree Awarding Institute Departments

FIST - 2019

<u>LAST DATE</u> *[Online submission of proposals: 15thMay, 2019]*

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 Colleges/ 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)

Name of Faculty Member	Designation	Age	Highest Qualification	i10– index

    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					
	2014	2015	2016	2017	2018	Total
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.

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

    11th Plan   ***12th 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:

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

    b)   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 ☐   Swastha 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
    iv) Definite Product/Process/Design/Software/System Development efforts that will be added by the proposal
    v)   Potential beneficiaries (specify industry segment and/ or strategic programs) or societal paybacks envisaged at the end of the project, if supported.

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:

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