



**Department of Science and Technology  
Government of India**

**INVITING PROPOSALS FOR LAUNCHING POST-GRADUATE TEACHING  
PROGRAMMES (M.Sc./M.Tech.) UNDER  
NANO SCIENCE & TECHNOLOGY INITIATIVE (NSTI)**

The Nano Science and Technology Initiative (NSTI) has been launched by the Department of Science and Technology to promote this upcoming and enabling field of science and technology. Under this programme, a good number of research projects have been granted to individual scientists in educational and research institutions. A few Centres of Excellence have also been established to intensify some selected topics of research and developing some specific applications in this field. In order that these, and other nano science and technology programmes in the country, are sustained, promoted and further intensified, we need to have a continuous stream of well-trained students in this field coming out of our higher educational institutions. It has, therefore, been decided to invite proposals for launching Post-Graduate Teaching Programmes (M.Sc./M.Tech.) under NSTI. The Guidelines and Format for application are given below.

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***Guidelines***

1. Only government funded and government audited institutions shall be eligible for financial support.
2. These are advanced level courses which should be designed to train students in multidisciplinary areas of Nano Science and Technology (NST).
3. Other preconditions for getting financial support:-----
  - a) University/Institution should have a minimum of 10 faculty members willing to teach the Nano Science & Technology course.
  - b) They should have the necessary teaching and lab infrastructure for running the course.
4. Syllabus should be in accordance to the model syllabus to be developed by DST.
5. Students will be admitted through an all-India selection mechanism to be decided by DST.
6. The duration of the DST grant will be 5 years. The institution should attach a consent letter from the competent authority in the Institute to fund the course from its own resources after the DST support for 5 years.

7. Other terms and conditions of the grant will be communicated with the approval letter of the programme.

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***Format for Application***

1. Name of the Institute/ University :
2. NAAC Accreditations status :
3. Name of the Degree
4. Duration of the Course :
5. Objectives of the programme :
6. Number of seats per year :
7. Justification for starting the programme :
8. Total cost of the proposal & duration :
9. The major areas of teaching and research :
10. Names of the Departments proposed to be collaborating in the programme (The programme is envisaged to be collaborative, interdepartmental) :
11. Name, designation, field of specialization of faculty members of participating departments in the institution and list of major publication in the last five years in the field of NST :
12. List of existing major equipment and infrastructural facilities including laboratory space and hostel accommodation. :

13. Major research grants :  
received
14. Nearby institutions engaged :  
in Nano Science and  
Technology research and  
teaching
15. Financial assistance :  
(Recurring and Non-  
recurring) required from DST  
(Please enclose break-up of  
funds under different heads  
year wise with full  
justification)
16. Name of the coordinating :  
Department
17. Name and full address of the  
Course coordinator with  
Telephone Nos. (Office and  
residence), Telex, Fax, e-  
mail etc.
18. Name and full address of the  
Vice-Chancellor/ Director  
with Telephone Nos. (office  
and residence ), Telex, Fax,  
email etc.

Signature of the Head of the  
Institute/University

Signature of the Coordinator

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SUMMARY

(20 copies to be submitted separately)

- (1) Name of the Coordinator with full Address :
- (2) Name of the Degree and duration :
- (3) Name of faculty members
- (4) Budget
  - (A) Non recurring (Minor & Major Lab equipments) :
  - (B) Recurring (Manpower, Consumables Contingency etc.) :
- (5) Major research grants received :
- (6) Remarks :

*(Signature of the Coordinator)*

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***Mailing Instructions***

20 copies of the proposal and summary in the above formats should be sent to:

Dr. Praveer Asthana  
Scientist 'G'  
Ministry of Science and Technology  
Department of Science and Technology  
Technology Bhavan, New Mehrauli Road  
New Delhi-110 016

The packet containing the proposals should be superscribed with: **“PG Teaching Courses in Nano Science & Technology”**

There is no last date for submitting the proposals. The scheme will remain open.