

**MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY**

SCIENCE AND ENGINEERING RESEARCH COUNCIL

FAST TRACK SCHEME FOR YOUNG SCIENTISTS

The Department of Science and Technology, through Fast Track Scheme for Young Scientists, provides quick research funding to young scientists below the age of 35 years (relaxable by 5 years in the case of SC/ST/OBC, woman and physically handicapped category) to undertake independent research in newly emerging and frontier areas of science and engineering. The details of the scheme are as follows: -

• OBJECTIVES

1. To provide quick research support to young scientists for pursuing exciting and innovative research ideas.
2. To provide opportunities for interaction and exchange of ideas with scientific community.
3. To involve young scientists in national S&T development process.

• ELIGIBILITY

1. The applicant should possess any of the following degrees:-
 - (a) Ph.D in Basic Science (Life Science, Physical Science, Chemical Science, Earth & Atmospheric Science, Mathematical Science), Engineering/Technology, Medicine/Surgery, Pharmacy, Veterinary Science, Agricultural Science or equivalent.
 - (b) Masters degree in Engineering/Technology, Medicine/Surgery, Pharmacy, Veterinary, Agriculture or equivalent.
2. The candidate should be less than 35 years on the date on which the application is received in DST. However age relaxation of 5 years would be given to scientists belonging to SC/ST/OBC, Women and Physically Handicapped category.

• FUNDING

1. The funding is provided up to a maximum of Rs.17.00 lakhs (excluding overhead charges) for a period not exceeding three years. If the proposed objectives can be achieved in less than three years, the budget may be reduced accordingly.
2. Funds are provided for equipments, consumables, travel and contingency. Additionally, the applicant if not holding a regular position or not drawing any other fellowship/stipend/salary, can draw a fellowship amount of Rs.20 , 000/- per month (all inclusive). The fellowship amount is taxable. In cases, where the applicant is holding a regular position, he/she can seek a manpower at junior level (JRF, Project Assistant, etc.)
3. "Overhead Charges" @ 20% of the project cost will be provided to the implementing institution over and above the project cost.

General Guidelines for Submission

1. The applicant should fulfill the eligibility criteria (education & age) as given under 'Eligibility'.
2. The funding is upto a maximum of Rs.17.00 lakhs (excluding overheads) for a period not exceeding three years.
3. All care must be taken to write a good scientific proposal (A copy of the **model proposal** is put on the website for reference). The proposal should contain significant novelty and should lead to enrichment of scientific knowledge in the field. Routine extension of Ph.D or any other work will be discouraged. The candidates who are unemployed and drawing fellowship from the project are encouraged to choose the place of work different from the place where they have completed their Ph.D or other degree obtained in the immediate past.
4. Projects which involve Recombinant DNA work should be examined and certified by Institutional Biosafety Committee.
5. Projects, which are clinically oriented or projects, which involve experiments with human and/or animal material, should be examined and certified by Institutional Ethics Committee.
6. All the required information should be given in the text of the proposal itself and not as annexures.
7. Incomplete application and application lacking scientific/technical details will not be considered.
8. At the time of submission of proposals, it is not necessary to get it forwarded by any Institute/ Laboratory.
- 9. Ten (10) copies of the proposal, in the format given below, neatly typed on A -4 size paper, should be submitted to DST at any time during the year to the following address:**

Head, SERC

Department of Science & Technology
Technology Bhavan, New Mehrauli Road
New Delhi-110016
Telefax: 011-26963695
Email: venktesh@nic.in
Website: www.serc-dst.org

The envelope containing the proposal should be superscribed with "Fast Track Proposals for Young Scientists - (mention broad subject area)."

10. For further information, the candidates are advised to contact the officers dealing with the programme.

Subject Area	Name	Email Address	Telephone
Physical Science & Mathematical Science	Dr R Brakaspathy Scientist G	rbpathy @ nic.in	26590270
	Shri Praveen Kumar S Scientist C	praveen @ nic.in	26590353
Life Science	Shri Rambir Singh Scientist F	rambir@ yahoo.com	26590332
	Shri Sunit Minz Junior Analyst	sunit@nic.in	26590330
Chemical Science	Dr. R. Brakaspathy Scientist G	rbpathy@nic.in	26522815
	Shri R.K. Joshi	rkjoshi@nic.in	26590348

	Scientist C		
Earth and Atmospheric Science	Dr R Brakaspathy Scientist G	rbpathy @ nic.in	26590270
	Dr Umesh Kumar Sharma Scientist C	uk.sharma@nic.in	26590680
Engineering Science	Shri Milind Kulkarni Scientist E	milind@nic.in	26590478

Application Format

1. Broad subject area (Life Sciences, Physical Sciences, Chemical Sciences, Earth & Atmospheric Sciences, Mathematical Sciences, Engineering Sciences):
2. Specialization :
3. Title of the proposed project:
4. Name and address of the Investigator:
(including Tel.No., Fax, Email, etc.)
5. Details of the proposed project to be undertaken:
 - Origin of proposal
 - Research work engaged in at present
 - Objectives of the proposed project
 - Review of R&D in the proposed area (National & International Status, Importance, patents etc.)
 - Work plan (including *detailed methodology* and time schedule)
 - Future plans
 - Details of the research funding received in the past and/ongoing projects (mention Ref. no., title, duration, cost, funding agency, and brief achievements).
6. Name and address of the institution where the proposal will be/likely to be executed:
7. Facilities provided/to be made available at the host institute:
8. Name(s) and address(es) of Indian expert(s) in the proposed area:
9. Details of financial requirements for three years (**with justifications**) and phasing for each year:

S.No.	Head	1 st Year	2 nd Year	3 rd Year	Total
1.	Fellowship @Rs.20,000/-p.m.*				
2.	Manpower**				
3.	Consumables				
4.	Travel (within India)				
5.	Contingency				
6.	Equipment (Generic Name with minimum required accessories, make & model & Cost in Indian Rupees)				
7.	Overhead Costs (@20% of project cost)				

* applicable to scientist having no regular employment and are not drawing any fellowship during the project tenure

** applicable for researcher holding regular position.

10. Have you ever applied before under this Scheme or Women Scientist Scheme? If yes, give details (Name of the scheme, Title, subject area, reference number, if any, year and the decision).
11. Any other information in support of the proposed project:

12. Statement from the Present Employer as per Annexure -I (In respect of person holding regular position).

Detailed Biodata

1. Name of the Applicant:
2. Mailing Address (Indicate Telephone, Fax, E -mail, etc.)
3. Date of Birth & Gender:
4. Educational Qualifications (Starting from Graduation onwards):
5.
 - Details of professional training and research experience, specifying period.
 - Details of employment (past & present).
 - List of publications during last five years (with complete details such as Journal name, all the author's name as appeared in the journal, volume number, page number and the year of publication).
6. Professional recognition, awards, fellowships received:
7. Any other information.

Place & date:

Signature of the applicant

(Statement from Employer, if employed)

This is to certify that:

- I. Dr. _____, the Principal Investigator in the project entitled.....will assume full responsibility for implementing the project.
- II. The date of appointment starts from the date on which the University/Institute receives the bank draft/cheque from the Department of Science & Technology.
- III. The Investigator 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 project.
- IV. The grant-in-aid by the Department of Science & Technology will be used to meet the expenditure on the 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 project.
- VI. The University/ Institute will provide basic infrastructure and other required facilities to the investigator for undertaking the research 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 project.

Seal of University/Institute Signature

Registrar of University/Head of Institute