

Ministry of Science and Technology
Department of Science and Technology
SwarnaJayanti Fellowships 2011–12

Government of India had instituted a scheme titled '**SwarnaJayanti Fellowships**' to commemorate India's fiftieth year of Independence. Under this scheme a selected number of young scientists, with excellent track record, are provided special assistance and support to enable them to pursue research in frontier areas of science and technology. The fellowship is scientist specific and not institution specific, very selective and has close academic monitoring.

Nature of support: The support will cover all the requirements for performing the research and will include a fellowship of Rs 25,000 per month for five years. The fellowship will be provided in addition to the salary they draw from their parent Institution. In addition to fellowship, grants for equipments, computational facilities, consumables, contingencies, national and international travel and other special requirements, if any, will be covered based on merit. Scientists selected for the award will be allowed to pursue unfettered research with a freedom and flexibility in terms of expenditure as approved in the research plan. The project should contain innovative research idea and it should have a potential of making impact on R&D in the discipline.

Duration: The duration of the fellowship will be for a period not exceeding five years.

Eligibility:

- The applicant should possess Ph.D. in Science/Engineering/Medicine.
- Scientists should be active in the frontier area of science and engineering with outstanding contributions in the form of research publications and/or patents, peer recognition from scientific community, awards, etc. in his/her area of research.
- The fellowship is open to Indian Nationals residing in India or abroad.
- The scientists from abroad can choose to work at any S&T institution within India. However, he/she will have to submit a letter from Head of the institution at which they wish to pursue research, stating that administrative and basic infrastructural support to facilitate research will be provided.
- The institute should also undertake financial and other management responsibilities of the project throughout the five year term in case fellowship is awarded to the scientist.

Age eligibility: The fellowship is open to scientists between 30 and 40 years of age as on 31 December 2011. Applications of candidates who have completed 40 years of age as on or before 31 December 2011 will not be considered.

Selection: The selection procedure will include consideration at various stages. The Department constitutes a Subject Committee which screens applications received and calls the screened in applicants for presentation. The candidates short-listed after presentation by the Subject Committees will have to make presentation to the National Core Committee of Experts which gives its final recommendations. An empowered Committee of Secretaries will make the final selection based on the recommendation of National Core Committee.

Scientists selected for the award should have accomplished innovative original research in frontier areas of science and technology.

Application: Applications for the '**SwarnaJayanti Fellowships**' are invited from eligible candidates in the format given below. The candidates may be required to submit further additional information as required and present the project idea before final selection. Only one hard copy and one soft copy (to be sent over e-mail in .pdf format) of the application in the prescribed format along with the project document should be submitted to:

Milind Kulkarni, Scientist-F, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi 110 016; e-mail: milind@nic.in

The last date for submission of applications is **30 April 2012**.

This advertisement is also available on the internet website at: <http://www.dst.gov.in>

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Format for Application

1. Broad subject area: Indicate any one of the following
(Life Sciences, Physical Sciences, Chemical Sciences, Earth and Atmospheric Sciences, Mathematical Sciences, Engineering Sciences)
2. Specialization
3. Name of the candidate
4. Mailing address (must indicate Telephone* – (o) & (r), Fax, mobile no*. and e-mail address*)
*please provide these details correctly
5. Date of birth: (check whether you are eligible on age grounds)
6. Educational qualification:
(Starting from Bachelor's degree onwards)

Sl. No.	Degree	University	Year	Subjects	Percentage
1.	2.	3.	4.	5.	6.

- 7(a) Details of professional training and research experience, specifying period.
- (b) List of significant publications during the last 7 years (Published in SCI Journals) along with list of patents.
- (c) Details of project being implemented/completed as Principal Investigators/Co-PI along with its salient features.
8. Details of employment.
9. Professional recognition, awards, fellowships received.
10. Details of the proposed project to be undertaken during the fellowship period: (giving gaps in the area, how you propose to understand these gap(s), the methodology, the International and National Status, the objectives and likely deliverables from the proposal) and
(You may also specify the work at present engaged in, future plan, prospects after the fellowship, how are these related to the strengthening of basic research in the country, etc.)
11. Detailed financial requirements for 5 years and phasing for each year.
12. Name of the institution where project is to be implemented.
13. Kindly confirm if you have been an applicant for this Fellowship in the last 5 years.
14. Complete list of publications in SCI Journals and other Referred Journals in chronologically descending order beginning with publications in 2012 along with impact factor of the journal.

List of book chapters, edited books may be indicated separately along with patents in your name.

(Conference Proceedings/presentations need not be listed)