

**Ministry of Science and Technology  
Department of Science and Technology**

## **SwarnaJayanti Fellowships 2015–16**

Government of India had instituted a scheme titled '**SwarnaJayanti Fellowships**' to commemorate India's 50th 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 and should not be drawing Fellowship from any other scheme of Gol.
- Scientists should be active in the frontier areas 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 2015. Applications of candidates who have completed 40 year of age as on or before 31 December 2015 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 of the complete application (to be sent over e-mail in pdf format as a single file without annexures) in the prescribed format along with the project document should be submitted to:

**V. Jacob Varughese**, Scientist, NSM and SJF Cell, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi 110 016, e-mail: [jacob@nic.in](mailto:jacob@nic.in).

The last date for submission of applications is **30 April 2016**.

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

(Contd)

## Format for Application

1. Broad subject area: Indicate any one of the following. (In case the project is multi-disciplinary indicate which of the following 6 subject area committees should review the same)  
(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\* – (off.) and (res.) along with mobile no.\* and e-mail address\*)  
\*Please provide these details correctly since correspondence will be made on these numbers and e-mail
5. Date of birth: (check whether you are eligible on age grounds)
6. Age as on 31-12-2015: (year, month, days)
7. Educational qualification:  
(Starting from Bachelor's degree onwards)

Sl. no.	Degree	University/ Board	Year of passing	Thesis topic/ subjects studied	Percentage of marks or CGPA

8. (a) Details of professional training and research experience, specifying period.  
(b) List of significant publications with impact factor of the journal during the last 7 years (published in *SCI* journals) along with list of patents.  
(c) Details of project being implemented/completed as Principal Investigator/Co-PI along with its salient features.
9. Details of employment including current employment.
10. Professional recognition, awards, fellowships received.
11. Name of the institution where project is to be implemented.
12. Kindly confirm if you have been an applicant for this Fellowship in the last 5 years.
13. Details of the proposed project with the title to be undertaken during the fellowship period: (Details may cover – Objectives, International and National Status, Mention gaps in the area, how you propose to understand these gap(s), The methodology, The main experiments to be carried out, what hypothesis/model it will test, and the impact of your results on fundamental understanding and applications (if any) should be highlighted with likely deliverables from the proposal.  
  
You may also specify your expertise, the research work engaged in at present, future plan, prospects after the fellowship, how are these related to the strengthening of basic research in the country, etc.)
14. Detailed financial requirements with justifications for 5 years and phasing for each year (manpower, consumables, contingency, travel national and international, equipment/s, any other).
15. Complete list of publications in *SCI* Journals and other referred journals in chronologically descending order beginning with publications in 2015 along with impact factor of the journal.  
  
List of book chapters, edited books may be indicated separately along with patents in your name.  
(Peer Reviewed Conference Proceedings/Presentations may be listed separately).