

**Women Scientists Fellowship Scheme (WOS-B) – 2011
of Department of Science & Technology, (SEED), New Delhi
Coordinated by MACS - Agharkar Research Institute, Pune**



The Fellowship Scheme for Women Scientists for societal programmes is initiative of the Department of Science & Technology. This scheme is addressed to women scientists and technologists who have "break in their careers" due to social responsibilities but have desire to return to mainstream science and work as bench-level scientists. Women scientists desiring to apply for this scheme are required to develop their own research project/proposals demonstrating science and technological applications for societal benefits.

Objectives

- Provide an opportunity for women scientists to re-enter into active research after a break in career, through support for S&T based R&D projects addressing the needs of people in unorganized urban or rural areas and
- Provide an opportunity for S&T capacity building of women on issues relevant in societal programmes.

Project Proposals For

- Research, development and adaptation of technology to improve the quality of life and provide additional opportunities for income generation in rural areas or urban slums.
- Adaptation & transfer of an innovative technology developed at laboratory level to field.
- Capacity building of applicant in technology areas relevant to the needs in rural areas.

Nature of Support

Support will include a scholarship grant as per the current norms of WOS-B for a period of two years. Grant for minor equipment, consumables, contingencies, travel and overheads will also be considered if found necessary under the work plan.

Who Can Apply -

Women scientist

- Who are Indian nationals living in India,
- Who have break in career after the last degree received for at least three years, Who are currently not employed in permanent position,
- Whose age is below 60 years at the time of applying.
- Who possess one of the following qualifications

- Ph.D. or masters degree in science OR
- Bachelors/ master's degree in engineering / technology, architecture, medicine / pharmacy / Veterinary

Other Requirements

- The project proposal must show an active association with a field agency in regard to implementation of the project irrespective of the fact whether the candidate is attached to an educational institution or R&D institution or any other agency. A letter to that effect from field agency is required.
- A certificate from the host institution, for extending infrastructural or administrative support for the project must be enclosed with the application. Similarly, a certificate from the identified field agency showing the agreement to get associated with the project is also required.
- If the proposal includes pre-clinical study on animals or clinical trials on humans, necessary ethical clearance following ICMR/ CPCSEA guidelines must be sought.

Who Are Not Eligible

- Candidate already having a permanent job or fellowship will not be considered.
- Candidates who are already registered for Ph.D are not eligible as this is not a Ph.D fellowship.

Duration of Fellowship:

The scholarship will be given initially for duration of two years. The period may be extended to the third year in exceptional cases, if recommended by Experts during periodic reviews.

Selection Mechanism:

A Committee of Experts will be involved in the selection process. The two-tier selection process will be adopted involving initial screening and subsequent individual presentation by the screened-in candidates before a group of Experts. The selected candidates will be informed by post. The list of selected candidates will be displayed on the website.

Application Format

Section A

***Mandatory Information**

- Name of applicant: * Mrs. /Ms./ Dr. Mrs./ Dr. Ms.
- Postal address for correspondence: *
- Pin code: *
- State: *
- Telephone No. with STD code: *
- Mobile no.:
- Email address: *
- Address of the host Institution: *
- Date of birth: * Age
- Marital status: * Married Unmarried Separated Divorce
- Academic record (From Graduation onwards)

| Degree | Institution/ University | Year of passing | Major subjects | Division (%) |
|--------|-------------------------|-----------------|----------------|--------------|
| | | | | |

- Whether applied previously under WOS-B: * Yes/ No If Yes, Year of application: WOS-B Status: * Not Screened/ Recommended-accepted/ Recommended not accepted/ Deferred/Not Recommended
 - Whether currently registered for Ph.D.: * Yes/ No
If Yes, Date of registration: Topic for Ph.D.:
 - Whether studying for any further degree: * Yes/ No If yes, details regarding the same:
 - Number of research paper published/ patents filed/ granted (Give list): *
12. Whether passed any examination conducted by NET, GATE, UGC, ICAR: Yes/ No
13. Professional / employment record if any: *

| Designation | Employee Name & Address | Period | Payment/Yr | Job description |
|-------------|-------------------------|---------|------------|-----------------|
| | | From To | | |
| | | | | |

If not employed enter as 'Not Applicable'

Section B Details of host Laboratory/ Institution/ S&T based voluntary organization:

- Name of organization: *
- Type of organization: * (Govt/ Semi Govt/ NGO/ Private)
- Information regarding the contact person from host institute:
 - Name: *
 - Designation: *
 - Phone/ Fax: *
 - Mobile No.: *
 - Email address: *
- Information regarding the Guide/ Scientist from host institute:
 - Name: *
 - Postal address: *
 - Phone/ Fax: *
 - Email address: *

(The guide should not be in blood relation with candidate)
- Information about the organization regarding specialization area, R & D experiences and list of recent Completed projects by the Guide / Scientist from the Host Institute: * (limit 10 lines)
- Details of infrastructure to be provided by the Host Institute: * (limit 10 lines)

Section C Details of the field agency:

- Name of the field agency:
- Postal address of the field agency:
- Contact person:
- Contact person's phone no. with STD code:
- Area of operation:
- Area of expertise:
- Type of organization: (Govt/ Semi Govt/ NGO/ Private)

Section D Project Details:

- Title of the project:
- Subject area:
Agriculture/ Architecture/ Biology/ Biotechnology/ Botany/ Chemistry/ Computer/ Science/ Ecology/ Electronic/ Science/ Engineering/ Environmental/ Sciences/ Genetics/ Geology/ Mathematics/ Medical/ Microbiology/ Nutrition/ Pharmacy/ Physics/ Technology/ Zoology/ Other
- Duration:
- Total cost:
- Specific objectives of the project (not more than 2):

- Technical details: (Details about the project on which the applicant desires to work as described below):
 - Description of the problem (Rational)
 - Review of literature in the proposed area of research
 - Research and development component of the study
 - Study design ii) Sample size and selection of subject / plants iii) Measurements proposed iv) Survey tools v) Methods of estimations proposed vi) Societal component of the proposal giving details about: 1) Interventions proposed/ suggested solutions and alternatives 2) Methods to be popularized to masses, training schedules, methods of imparting training
 - Expected deliverables / outcomes highlighting societal benefits
 - Proposed utility of the outcomes

Certificate/forwarding letter from Head of the sponsoring Institute on a letter head

To,
Director,
Science for Equity Empowerment and Development (SEED)
DST, New Delhi.
Dear Sir / Madam,
I am forwarding this application for fellowship under the DST sponsored Scheme for Women Scientist for societal programme WOS-B 2011 by (Name of the candidate), along with the proposal formulated by her in consultation with the guide Dr.
I hereby certify that (Name of the institution) will host the said project of (Name of the candidate) and offer her the necessary infrastructural facilities related to laboratory requirement of work place, administrative support during the entire project period and will receive regularly her fellowship from the date of her joining. The candidate will follow the existing rules and regulations for Research Student (for M. Sc.) or Research Associate (for Ph.D.) of the institute.
She will be working under the guidance of (Name and designation of the guide).
Thanking you
Yours sincerely
(Name and Sign of Institutional Head) (Date) (Place) (Institutional Stamp)
(Name and Sign of Institutional Guide) (Date) (Place) (Institutional Stamp)

- Detailed time schedule / major milestones / bar chart (Monthly / Quarterly)
- Proposed budget for two years (Fellowship, Consumables, Travels, Equipments, Overhead charges with detailed justification for each item)
- List of references.

Section E Documents to be submitted along with the application:

- Attested copy of the last degree certificate.
- Format for the Certificate from the host institute (on a letter head) regarding extending their commitment for infrastructure and administrative support for the project
- Certificate from the field agency (on its letter head) indicating the permission and the support for carrying out the field work required in the proposal.
- In case the host is a voluntary organization, attested copies of the following document also need to be submitted:
 - Registration certificate of the organization
 - Memorandum of association
 - Annual Report of last three years
 - Audited statement of accounts for last three years

Declaration

I do hereby declare that the statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of any information being found false or incorrect or ineligibility detected before or after test/interview, my candidature will stand cancelled and my all claims for the scholarship will stand forfeited.

Signature of Applicant Place: Date:

(Incomplete applications will not be considered)

The application should be submitted online from the website of Agharkar Research Institute (www.dstwosbari.org). Additionally two copies of the proposal with attachments as per section E with signed declaration may be sent to Dr. Shobha Rao, Coordinator, WOS-B Scheme, Agharkar Research Institute, G.G.Agarkar Road, Pune- 411 004. Phone: (020) 25653680 Ext. 302.

The last date for receiving the application is 30th April 2011