



Indian National Science Academy



सत्यमेव जयते

Department of Science & Technology
Govt. of India

Indo-Australia Early and Mid-Career Researchers (EMCR) Fellowship Programme 2016-2017

Administered by

Indian National Science Academy, New Delhi

Supported by

Department of Science & Technology, Government of India

The Indian National Science Academy (INSA), New Delhi invites Indian early and mid-career scientists/researchers to apply for the **Indo-Australia Early and Mid-Career Researchers (EMCR) Fellowship Programme 2016-2017**. The EMCR Fellowship Programme is designed to support Indian scientists/researchers to travel to Australia and work with leading researchers at major Australian science and technology institutions/universities/organizations for a period of **3 to 9 months**. They are intended to facilitate long-term science, technology and innovation collaboration between India and Australia by

- developing researchers' expertise in international collaboration and fostering long-term relationships between Indian and Australian researchers
- developing the researchers' leadership skills as future 'science ambassadors' for India and
- providing a catalyst for future India-Australia research collaboration

Eligibility

(a) The applicant should be Indian national, residing in India, holding a regular position in a recognized S&T Institution/University and actively engaged in research work in frontline areas.

(b) Applicants must have been awarded their **Ph.D. degree within 10 years of the submitting fellowship application** and should be **less than 45 years of age** as on the last date of submission.

(c) Applicants must not have been awarded previously an Indo-Australia Visiting Fellowship 2012-2013.

(d) The applicant should have been accepted to work in any institute/laboratory in Australia to be visited and this should be supported by a letter of invitation from the host Institution(s) commenting on the proposed collaboration.

(e) The applicant should submit a detailed programme of his/her collaborative research work to be conducted in consultation with the host scientist(s) in Australia.

(f) All applications should be forwarded through proper channel by the employer/Head of the institution.

Proposals will be assessed on the scientific merit of the research, the demonstrated achievements of the applicant in the context of his/her career to date, the appropriateness of the work being done in Australia, the value of the expected outcome of the research project to Indian Science, and whether the visit will improve Indian access to global leading-edge science and technology. He/She should propose a collaborative research project, or a specific activity, which has been developed in consultation with host scientist(s) in Australia.

The grant scheme is not to supplement or extend either study or sabbatical leave that is being conducted overseas. The proposed visit should initiate or consolidate long-term collaborations and facilitate the development of the applicant's career.

Field of Research

Proposals in any field of natural science (basic and applied), engineering science, mathematics, statistics, health and multi-disciplinary research in science & technology will be considered. Applicants engaged in multi-disciplinary research are invited to apply but should note that proposals for research solely in humanities, social or behavioural science are **not eligible** to apply.

Duration

The travel must commence between 1 January 2017 and 30 June 2017 and must be for a minimum of 3 months and a maximum of 9 months in duration. All travel must be completed by 31 March 2018. Fellows are responsible for making their own travel, visa, insurance and accommodation arrangements, in consultation with the host institution as appropriate. The fellowship does not include support for bench fees and managerial costs.

Scope of Finance

Number of Fellowships	:	15 Fellowships
Duration of Fellowship	:	3-9 months
Fellowship amount per month	:	USD 3000/- per month
Contingency grant (to cover visa charges and medical insurance etc.)	:	Rs. 25,000/-
Cost of to and fro air passage in economy Class from the place of working in India to the place of overseas host institute in Australia.	:	Rs. 1,00,000/-

The Fellows will be entitled to a grant of **USD 1200/-** for travel within the host country for attending a conference/workshop or visit other institute with the approval of host institute. The claim should be supported with vouchers.

Reporting Requirements

Successful applicants are required to submit reports of their visit within 2 months after returning to India. It is anticipated that the report will indicate how the collaboration has progressed.

MATERIALS TO BE SUBMITTED

1. Application form (dully filled and forwarded through proper channel)
2. Copy of Ph.D. Degree (Self attested)
3. Letter of invitation from each host being visited
4. Letter of support from department/division head
5. Detailed publication list
6. Short CV (max 2 pages)

Two(2) sets of complete application form duly forwarded by the Head of the Institution/University should reached the following address latest by **21 November 2016**. Soft copy of the same in **PDF format** should also sent to the given email before the due date. Applications received after the last date will not be considered in any case. **The last date for receiving complete applications is 21 November 2016.**

**The Executive Director
Indian National Science Academy
Bahadur Shah Zafar Marg
New Delhi – 110002
INDIA**

**Email: insaaust@gmail.com
Phone: 011-23221931-23221950 (20 lines) (EPABX)
Fax: 011-23231095**



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Recent Passport Photograph

Application Form

Area of Specialization	Proposed date & Duration of the visit

1. (a) Name of the Applicant :
(b) Present Position and contact :
Address with Telephone, Mobile,
Fax, and E-mail
(c) Age & Date of Birth :
2. Educational Qualifications (most recent at the top from Graduation onwards)

Degree obtained	Year	University/Institute	Any other details

3. Employment history, including positions held, employers and dates (most recent at top).

Position held	Employer (Include country if outside India)	Date/s (From-To)

4. Research Experience:
(Please attach a copy of bio-data and the latest list of your publications relevant to the activity of your proposed visit. Enclose a maximum of three best research papers).
5. Awards/Fellowship Conferred:
6. Brief title of Proposal:

7. Name and address of the main host and other hosts in Australia to be visited along with the duration of visit: *(A letter from each host must be attached inviting you and commenting on the proposed collaboration)*

Name and address of the host/s in Australia	Duration of visit

8. Summary of project:
(In not more than 100 words, indicating the aim, significance and expected outcomes of the proposed project. The summary should be written in a style understandable for the intelligent layperson and suitable for a press release)
9. Describe objectives of the visit, proposed project and titles of lectures to be given.
10. Describe specific aspects of your experience or recent activities which indicate your capacity to be successful in your proposed project.
11. Would this visit facilitate the development of your career? Please explain.
12. Would biomaterials affecting the loss/disclosure of genetic pool be taken out of the country?
13. Does your program have implications for intellectual Property or Patent Right? If Yes, answer (a)&(b)
- (a). Does your institute has a Policy on IPR and Patents?
- (b). How do you plan to protect IPR/ Patent issue pertaining to your program?
14. Give details of foreign visit(s) undertaken by the applicant in the last three years

Name of countries visited	Purpose of visit	Year & duration of visits	Financial Assistance (Specify the source & the quantum of grant received)

15. Name and address of two Indian referees:

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16. Any other relevant facts which have not been covered in the above columns:

Important Notice:

Applications are considered carefully against the selection criteria by a Committee of Scientists with diverse expertise. The funding available is limited and sufficient only to support a proportion of applicants. The Academy reserves the right of final selection of the candidates for the aforesaid fellowship. No appeal or protest in this regard would be entertained.

Date:
Place:

Signature & Seal of the
Head of the Institution

Signature of the Applicant