



INDIAN NATIONAL SCIENCE ACADEMY
Bahadur Shah Zafar Marg, New Delhi – 110 002

Telephone: 91-11-23221931 – 23221950 (EPABX),

Fax: 91-11- 23235648, 23231095

www.insaindia.res.in

DEPUTATION OF INDIAN SCIENTISTS ABROAD
UNDER BILATERAL EXCHANGE PROGRAMME
2019

Applications are invited from outstanding scientists/ researchers holding Ph.D. degree and having regular positions in recognized S&T institutions/universities and actively engaged in research in frontline areas for deputation abroad during the Calendar year 2019 in all fields of Science including Engineering, Medicine & Agriculture for short term visits (2-4 weeks for senior scientists) and long term visits (3 months for junior/younger scientists) under the Scientific Bilateral Exchange Programme with overseas Academies/Organizations in **China, Czech Republic, France, Germany, Hungary, Iran, Israel, Nepal, Philippines, Poland, Scotland, Slovak Republic and Republic of Slovenia, Sudan, Taiwan & Turkey,**

The detailed guidelines and application form can be downloaded from download form section of <http://www.insaindia.res.in>. The hard copy of application duly completed and endorsed by the Head of the Institution should be submitted latest by **July 31, 2018** to **Deputy Executive Director- I (Scientific), Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi - 110002**. The soft copy of complete application (**single PDF file only**) should be email to: intacademy@insa.nic.in Please include **Name, Area of Research and Proposed Country** in the subject line of email. The soft copy filename should be saved as: *Name of Applicant_Proposed Country*. Incomplete applications will be rejected and no further correspondence shall be made.

Deputy Executive Director-I (Scientific)



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Exchange Programme with Foreign Academies and Organisations

Preamble

The Indian National Science Academy (INSA) is a premier scientific learned body (established in 1935) representing all branches of science –Physical and Biological Sciences including Engineering, Medicine and Agricultural Sciences. The Academy has been promoting scientific cooperation with Academies/Organisations of several countries the world over. The Academy has links with the Academies and Organisations in Asia, Europe and South America. These programmes provide opportunities to scientists working in various scientific institutions and organizations in the country for exchange of ideas, knowledge, establish new links, strengthen old links and undertake joint projects with their research partners in leading laboratories and institutions abroad. The Academy and the particular institution/University share equally the expenditure on travel of their scientists selected by INSA visiting abroad under the Exchange Programme.

The Academy has an International Exchange Programme with Academies/Organizations in the countries: **China, Czech Republic, France, Germany, Hungary, Iran, Israel, Nepal, Philippines, Poland, Scotland, Slovak Republic, Republic of Slovenia, Sudan, Taiwan and Turkey.**

Application Procedure/Eligibility

Applications are invited from Indian Nationals for consideration by the Academy for the next calendar year. The applicant should be a scientist holding a regular position in a recognized S & T Institution/University and actively engaged in research work in frontline areas. **He/She should not have been abroad during the last 3 years under any INSA Programme.** The scientist should have been accepted to work in an Institute/Laboratory in the country to be visited and this should be supported by a letter of invitation from the host abroad. Those who wish to visit abroad for three months should submit a detailed programme of their collaborative research work to be conducted. All applications should be forwarded through proper channel by the employer/head of the Institute indicating their commitment on travel.

Scope of Finance

Scientists selected for deputation abroad would be provided **100% travel support (by Air India excursion class air fare)** by INSA. The receiving Academy/Organization would provide local hospitality including internal travel abroad.

Criteria for Selection

The Criteria for selection would mainly be the scientific contribution of the nominee and the purpose of the visit, which would be acceptable to the host scientist.

Short-term visits are mainly for 2 to 4 weeks for holding scientific discussions, delivering a series of lectures and seminars, projecting Indian science abroad. It is expected that short-term visitors are well established Indian Scientists who can be effective Ambassadors of Indian Science. Under long-term category, the scientists are expected to work primarily in one institute with a short visit to other allied institutes.

If a scientist desires to attend a conference/scientific meeting during his visit abroad under the Exchange Programme, the period of the conference should normally be not more than one fourth of his/her total stay in the country. Scientists who propose to visit abroad only to attend the Symposium/Conference, need not apply under this programme.

Under the exchange programme with the Academy in France only Fellows of the Academy would be considered for nomination.

The visit should be availed of in the same calendar year. Failure to do so may render them to forfeit the nomination.

Research Areas for Poland

Visits to Poland would be organized only under the following identified areas. For other countries there are no specific identified areas.

POLAND

- A. Mathematical Sciences including Statistics and Physical Sciences including Engineering: Theoretical Physics, Astronomy, Space Physics, Low Temperature Physics, Solid State Physics, Crystallography; Chemistry including Organic Chemistry, Polymer Chemistry, Solid State Chemistry, Bio-Chemistry; Surface Science Catalysis, Thermodynamics, Chemical Physics, Fluid Mechanics, Turbo Mechanics and Chemical engineering; Computer Science; Earth Sciences including Geomorphology and Hydrology.
- B. Biological Sciences including Medical Sciences: Experimental Biology including Molecular Biology, Biotechnology, Microbiology and Developmental Biology, Immunology and Transplantology; Pharmacology including Clinical Pharmacology and Toxicology; Tropical Biology with special references to Systematics and Reproductive Biology; Environmental Sciences; Agricultural Sciences including Forestry.

Countries indicating duration of the visits under each exchange programme are as follows:

China	2 - 4 weeks (<i>Only to Institutes under the Chinese Academy of Sciences</i>)
Czech Rep	2- 3 weeks (<i>Only to Institutes under the Czech Academy of Sciences</i>)
France	2-3 weeks (INSA Fellows only)
*Germany	2-3 weeks ; 1- 3 months (those who wish to apply for Germany should follow the attached DFG guidelines failing which their candidatures are liable to be rejected by DFG at any stage without assigning any reason)
Hungary	2-3 weeks ; 1- 3 months (<i>Only to Institutes under the Hungarian Academy of Sciences</i>)
Iran	1-2 weeks

Israel	2-3 weeks
Nepal	3-4 weeks ; 6 months - 1 year
Philippines	1-3 weeks
Poland	3-4 weeks ; 1-3 months
Scotland	4 weeks
Slovak Rep	2-3 weeks; 1-2 months (Only to Institutes under the Slovak Academy of Sciences)
Rep of Slovenia	1- 2 weeks
Sudan	2-4 weeks
Taiwan	2 weeks (Only the Researchers of Academia Sinica, Taiwan)
Turkey	2 weeks

The visit to Poland would be organized under the identified areas indicated in the Information Sheet.

Please note that in no case will a nominee contact the collaborating Academy of the host country. In case such instances are reported, the Indian National Science Academy will be constrained to drop the proposal of the concerned scientist.

Application received after due date and Incomplete application, in any respect, will be rejected by the Academy.

Complete application form **(one soft and one hard copy)** along with the required enclosures i.e. invitation letter etc. should be submitted at the latest by **July 31, 2018** to: **Deputy Executive Director- I (Scientific), Indian National Science Academy Bahadur Shah Zafar Marg, New Delhi – 110002**
<e.mail:intacademy@insa.nic.in>



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Typewritten application form to be sent to the Academy by July 31, 2018 for visits proposed during next calendar year. Soft copy email to: intacademy@insa.nic.in

Application form to visit abroad under International Scientific Collaboration and Exchange of Scientists Programme: China, Czech Republic, France, Germany, Hungary, Iran, Israel, Nepal, Philippines, Poland, Scotland, Slovak Republic, Republic of Slovenia, Sudan, Taiwan and Turkey.

Country to be Visited _____ **Applicant:** INSA Fellow / INSA Young Scientist / Others

Category of Visit Short/Long Duration*	Area of Specialization	Proposed date and duration of Visit

1. (a) Name of the Applicant :

(b) Present Position and contact :
Address with E-mail, Telephone
And Fax

(c) Age & Date of Birth :

2. Educational Qualifications (From Post-graduation onwards)

Degree obtained	Year	University/Institute	Any other details

3. 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 five best research papers).

4. Details of Visit:

a) Purpose of visit:

b) Would biomaterials affecting the loss/disclosure of genetic pool be taken out of the country?

c) Does your programme have implications for Intellectual Property or Patent Right:
If yes, answer

- Does your institute have a policy on IPR and Patents?
- How do you plan to protect IPR/Patent issue pertaining to your Programme?

d) Any other details which the applicant may like to give.

5. Name of the scientist(s)/Institution(s) with whom/where work is proposed to be carried out:

(Formal Invitation Letter must be enclosed, without this application will not be considered)

6. Give details of foreign visit(s) undertaken by the applicant availing funds from **Government of India** in the preceding three years:

Name of countries visited	Purpose of visit	Year & duration of visits	Financial assistance: (specify countries visited and the quantum of grant received from INSA or from other sources)	
			INSA	Other than INSA

7. Are you also an applicant seeking travel grant during the current year under any other scheme of INSA. If yes, please give detail.

8. Name and address of two referees: (Not applicable to Fellows of the Academy)

9. Any other relevant information.

I _____ hereby declare that the statements made in the application are true, complete and correct to the best of my knowledge and belief and in the event of any of the information being found false or incorrect or suppressed or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled without assigning any reason thereof.

Important:

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 programme. No appeal or protest in this regard would be entertained.

Submitted by

Signature of the Applicant

Date:
Place:

Recommended and Forwarded by

Signature & Seal of the
Head of the Institution

Date:
Place: