



Indian National Science Academy

Bahadur Shah Zafar Marg, New Delhi-110 002
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www.insaindia.res.in

Call For Indo-Japanese Joint Project on **“Establishment of Young Researcher Fellowship Programme 2018-19”**

(Supported by the Department of Science & Technology, Government of India)

Applications are invited from outstanding Indian scientists/ researchers holding Ph.D. degree in science (received within the past 6 years) and less than 40 years of age and having regular positions in Indian recognized S&T Institutions/ Universities in any field of natural science (basic and applied), engineering science, mathematics, statistics, health and multi-disciplinary research in science & technology to visit **Japan** for a period of **2 to 6 months** under **Indo-Japanese Joint Project on “Establishment of Young Researcher Fellowship Programme 2018-19”** supported by the Department of Science and Technology, Government of India.

The detailed guidelines and application form including eligibility criteria are available on INSA website: <http://www.insaindia.res.in>. The hard copy of application duly completed in prescribed format and endorsed by the Head of the Institution should reach the Academy latest by **15 September 2018** to the **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 emailed to: insadstjsps@gmail.com. Please include Name and Area of Research in the subject line of email. The soft copy filename should be saved as: **Name of Applicant_Area of Research**. Incomplete applications will be rejected and no further correspondence shall be made. Applications received after the last date will not be considered in any case.

Corrigendum issued in this regard (if any) will be updated only on INSA website.

Deputy Executive Director-I (Scientific)



सत्यमेव जयते

Department of Science & Technology
Govt. of India



Indian National Science Academy

Indo-Japanese Joint Project
on
“Establishment of Young Researcher Fellowship Programme 2018-2019”

Supported by
Department of Science & Technology (DST), Government of India

The Indian National Science Academy (INSA), New Delhi invites applications from outstanding Indian young scientists/researchers to apply for the **Indo-Japanese Joint Project on “Establishment of Young Researcher Fellowship Programme 2018-2019”** coordinated by INSA and Japan Society for the Promotion of Science (JSPS). This programme is supported by the Department of Science & Technology, Government of India.

Objectives

The main objective of this young researcher exchange program is to contribute to the advancement of Science & Technology and to the benefit of society at large. This fellowship programme is designed to support Indian scientists/researchers to travel to Japan and work with leading researchers at major Japanese science and technology institutions/universities/organizations for a period of **2 to 6 months**. They are intended to facilitate long-term science, technology and innovation collaboration between India and Japan by

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

Eligibility:

(a) The applicant should be Indian citizen, residing in India, and be a Postdoc and/ or a scientist/ faculty member working in a regular capacity in an UGC (University Grants Commission) recognized University/ Deemed University/ Academic Institute or National Research & Development Laboratory/ Institute and actively engaged in research work in the related areas.

(b) Applicants must have been awarded Ph.D. degree in science (received within the past 6 years) and should be less than 40 years of age as on the last date of submission.

(c) Applicants should not have availed any overseas fellowship in previous 3 years.

(d) The applicant should have been accepted to work in an institute/laboratory in Japan to be visited. Such acceptance 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 Japan.

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

(g) Selected candidate are required to sign **Service Bond (Format-6)** to the parent institute for a period of three (3) years. Candidate should check detail with their parent institute/university before applying.

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 Japan, 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 Japan.

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.

Number of Fellowships: 10 Fellowships

Field of Research:

Participation is open to all fields of Science & Technology/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 of Fellowship: 02 to 06 Months

The duration of the fellowship must be for a minimum of 02 months and a maximum of 06 months. All travel must commence on or before 31 January 2019. Extension of date of departure from India beyond the expiry date will not be entertained.

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.

Extend of Financial Support:

Sl. No.	Particulars	Amount
1	Monthly maintenance allowance @ JPY 3,62,000 per month per person to be supported by JSPS <i>(to meet accommodation charges, per diem for food and incidental expenses and local transportation in Japan)</i>	Will be paid and disbursed by JSPS during the fellowship period at Japan.
2	International Air fare (Air India, economy class from the place of working in India to the place of overseas host institute in Japan) including local airport transportation (as per actual)	Rs. 75,000/-
3	Visa charges, Medical Insurance and contingency (as per actual)	Rs. 25,000/-

Documents to be Submitted

1. Application form as per INSA format (dully filled and forwarded through proper channel).
2. Copy of Ph.D. Degree (Self attested).
3. Letter of Support/NoC from the parent Institute/University and certifying that presently candidate is not serving any bond.
4. Letter of invitation from the Japanese host.
5. List of best 10 publications.
6. Short CV (max.1 page).

Reporting Requirements

Successful applicants are required to submit Visit Report/s (**Format - 1 & 2**) within two(2) months after returning to India. It is anticipated that the report will indicate how the collaboration has progressed.

One complete set of hard copy of application form duly endorsed and forwarded by the Head of the Institution/University should reached the following address on or before the last date. The soft copy of the complete application (**single PDF file only**) should be emailed to: insadstjsps@gmail.com. Please include Name and Area of Research in the subject line of email. The soft copy filename should be saved as: **Name of Applicant_Area of Research**. Incomplete applications will be rejected and no further correspondence shall be made. Applications received after the last date will not be considered in any case.

The last date for receiving complete applications is **15 September 2018**.

**The Deputy Executive Director-I (Scientific)
Indian National Science Academy
Bahadur Shah Zafar Marg
New Delhi – 110002, INDIA**

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Department of Science & Technology
Govt. of India



Indian National Science Academy

Indo-Japanese Joint Project on “Establishment of Young Researcher Fellowship Programme 2017-2018”

Supported by
Department of Science & Technology (DST), Government of India

Administered by
Indian National Science Academy (INSA), New Delhi

Recent Passport
Photograph

APPLICATION FORM

(The last date for receiving complete applications form is 15 September 2018)

Area of Specialization	Proposed date & Duration of the visit
	From: To: Total duration:

1. (a) Name of the Applicant :

(b) Present Position, Address, Phone, Fax, Mobile & Email :

(c) Date of Birth : Age as on the last date of application :YearsMonthsDays

2. Title of the Proposal:

3. Name, Position, address and contact detail (Phone, Fax, Email) of your host in Japan:
(Please attach a letter of invitation from the host commenting on the proposed collaboration)

4. Educational Qualifications (most recent at the top from Graduation onwards):

Degree obtained	Year	University/Institute	Any other details

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

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

6. 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)

7. Research Experience:

(Please attach a copy of CV (max.1 page) and list of top 10 publications relevant to the activity of your proposed visit).

8. Describe specific aspects of your experience or recent activities which indicate your capacity to be successful in your proposed project.

9. Would this visit facilitate the development of your career? Please explain.

10. Would biomaterials affecting the loss/disclosure of genetic pool be taken out of the country?

11. 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?

12. Give details of foreign visit(s) undertaken by the applicant in the last 3 (three) years:

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

13. Name and address of two Indian referees:

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

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

Submitted by

(Signature of the Applicant)

Date:
Place:

Recommended and Forwarded by -

Date:
Place:

**Signature & Seal of the
Head of the Institution/University**

GENERAL INFORMATION / GUIDELINES

Indo-Japanese Joint Project
on
“Establishment of Young Researcher Fellowship Programme 2018-2019”

Supported by

Department of Science & Technology (DST), Government of India

Administered by

Indian National Science Academy (INSA), New Delhi

GENERAL INFORMATION / GUIDELINES



INDIAN NATIONAL SCIENCE ACADEMY

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Email: insadstjpsps@gmail.com

Website: www.insaindia.res.in or www.dst.gov.in

Indo-Japanese Joint Project on “Establishment of Young Researcher Fellowship Programme 2018-2019”

GENERAL INFORMATION

It has been well recognized that in order to keep abreast with latest developments in science & technology, Indian scientists and technologists should have opportunities to interact with the international scientific community and get first-hand experience of the developments taking place at the International level. The **Indo-Japanese Joint Project on “Establishment of Young Researcher Fellowship Programme 2018-2019”** coordinated by Indian National Science Academy (INSA) and **Japan Society for the Promotion of Science (JSPS)** is one such step which provides Indian scientists, who hold PhD and working in a regular position in recognized science & technology institutes in India to visit institutions in **Japan**, interact with scientists/technologists there, get exposure to latest research techniques and conduct R&D in specially chosen areas of science & technology. This fellowship programme is designed to support the development of research skills and networks and facilitate access to specialized equipment and training.

Under this fellowship programme, **02 to 06 months** duration is provided to fellows for conducting advanced research/undergoing specialized training in chosen frontline areas of science & technology. It is envisaged that the expertise gained during the fellowship period will lead to further strengthening of National Programmes in these areas as well as further generation and spread of expertise at the national institutes.

For details about application form, eligibility criteria and other information please visit INSA website <http://www.insaindia.res.in>.

**GUIDELINES GOVERNING THE INDO-JAPANESE JOINT PROJECT ON
“ESTABLISHMENT OF YOUNG RESEARCH FELLOWSHIP PROGRAMME 2017-2018”**

- (1) The individual availing this fellowship would be called **Indo-Japanese Young Research Fellow**.
- (2) There would be no change in a), b) & c) after the selection of the fellowship
(a) Approved area of research/ training; (b) Identified Institute abroad; (c) Duration of fellowship
- (3) The selected Fellow would have to fill a **Bond of Service (Format-6)** to the parent Institute that he/she would serve the parent institute/anywhere in India for a period of at least **three(3) years** after pursuing research in the area of specialization abroad. A copy of the bond should be sent to INSA through proper channel.
- (4) If the Fellow does not return to India or gets a job opportunity in Japan on completion of the duration, Fellow will be required to reimburse the whole expenditure incurred during the fellowship period in one lump sum within **one(1) month** of the completion of the term of the Fellowship. Parent Institute will recover the whole of the expenditure from the Fellow and remit it to INSA within the stipulated period.
- (5) If the Fellow on return to parent institution resigns from the job and goes abroad or accepts another job unconnected with the chosen area, then it would be considered as having broken the bond and he/she would be required to pay forthwith a sum of money pro-rated to the uncompleted period under the bond.
- (6) **Maintenance allowance @ JPY 3,62,000 per month per person will be supported by JSPS with maximum duration of fellowship being six(6) months.** This maintenance allowance includes accommodation charges, per diem to meet food and incidental expenses and local transportation in Japan.
- (7) The Fellow will be entitled to **one time contingency grant of ₹ 25,000/- (Twenty-five thousand only)** to cover the Visa charges and medical insurance etc. (as per actual)
- (8) The Fellow will be entitled to air passage in **economy class by Air India only** from the place of working in India to the place of Japanese host institute and back by shortest route. As per MOF instructions dated 13.07.2009 all cases of air travel both domestic and international, the officials may travel only by Air India. For travel to stations not connected by Air India the officials may travel by Air India to the Hub/Point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferably be an alliance partner of Air India.
- (9) Apart from the maintenance allowance to be supported by JSPS, expenditure on international air travel and contingency amount as mentioned in items (6) to (8), no other amount will be paid by INSA to the Fellow. **90% of the sanctioned grant (excluding per diem) will be released in advance directly to the selected Fellow's parent Institute/University.**
- (10) Rules governing payment of salary, leave, medical, gratuity, GPI and pension etc. of the Department/Institution/University to which the fellow belongs would continue to be applicable. **No liability on any of these accounts will be borne by INSA.** The Fellow is required to work at the host institute abroad during the entire period of fellowship. The fellowship will be provided only for the duration of stay of the Fellow at the host institute in Japan.
- (11) The duration of the fellowship must be for a **minimum of two(2) months and a maximum of six(6) months. All travel must be commenced on or before 31 January 2019.** Extension of date of departure from India beyond the expiry date will not be entertained.
- (12) The Fellow will submit his/her **Visit Report** to INSA within **two (2) months** after returning to India. The report should also include authenticated detailed expenditure statement in connection with the training/research under this programme as per the INSA **Format-1.**
- (13) A report evaluating the performance of the Fellow by the Guide/Professor of Institute with whom the Fellow has worked in Japan should also be sent to INSA along with the report in **Format-2.**
- (14) The final settlement of accounts will be subject to availability of the report mentioned at items (12) and (13) above.
- (15) **Visa arrangements are to be made by the Fellow himself/herself.**
- (16) The Fellow will intimate to INSA the date of joining at the Japanese host institute as soon as he/she joins the host institute. This intimation should be provided through the guide at the Japanese host institute. He/She will also intimate to INSA the dates of leaving the host institute and joining the parent institute in India.

DOCUMENTS TO BE SUBMITTED TO INSA AFTER AVAILING THE FELLOWSHIP

The Fellow will be required to submit the following documents/details after availing the fellowship/joining the parent institute in India. These documents/details should be submitted within two (2) months of his/her return.

1. A detailed visit report on the training received/research work done including papers communicated/published during the stay of the Fellow at the Japanese host institute (**Format-1**).
2. A report evaluating the performance of the awardee and giving brief highlights of achievements by the Professor/Guide at the Japanese host institute with whom the Fellow has worked (**Format-2**).
3. Claim Sheet along with supporting documents (**Format-3**).
4. Details to be furnished by the parent Institute/University of the Fellow (**Format-4**).
5. Statement of Expenditure and Utilization Certificate by the parent Institute/University of the Fellow (**Format-5**).
6. The Fellow may also be required to submit other reports from time to time highlighting how the knowledge gained abroad has been utilized while working in India.

The above documents/details should be submitted in the formats given on the following pages. These documents/details should be forwarded to INSA through the Head of parent Institute/University of the Fellow.

(Format-1)

REPORT ON THE TRAINING RECEIVED/RESEARCH WORK DONE

(One copy, to be filled by the applicant)

1. Name and designation of the Fellow:
 2. Address:
 3. Chosen frontline area of S&T in which training/research was carried out:
 4. Name of Professor, address, e-mail etc. of the Japanese host institute:
 5. Duration (Please give exact date/month/year):
 6. Academic Highlights:
 - I. Techniques learnt/specific expertise acquired (please provide sufficient details in at least 500 words).
 - II. Details of research work done/results obtained including papers published/ prepared/submitted for publication (a clear detail of research work done and results obtained during the fellowship period may be given in not less than 1000 words. It should not be sketchy/in narrative form). A copy of the papers published/prepared/submitted for publication may be attached).
 - III. Proposed utilization of the experience in India (please provide details in about 500 words).
 7. Visit to other scientific institutions, universities and laboratories during your visit abroad along with purpose of visit and details of knowledge acquired, if any. (500 words)
- Signature
(Name of the Fellow)
8. Remarks of the Head of the parent Department/Institution/Organization about the overall progress of the Fellow and the training acquired in particular, its further application in the institute in national context.

Signature
(Name and Designation)

Date:
Place:

(Format 2)

REPORT OF THE JAPANESE HOST INSTITUTE

(One copy in original on the letter head of the host institute)

1. Name of Professor and address of the Japanese host Institute :
2. Area of Research :
3. Duration (Please give *exact date/month/year*): From.....To.....
4. Brief highlights of achievements (techniques learnt/research work carried out/papers published/prepared) :
5. Has the fellow visited other labs/institutes/attended conference/s in host country? If yes, benefits derived :
6. Has the Fellow participated in other activities? Please specify :
7. Any other comment you may like to make :

Date:
Place:

Signature
Name, designation of the guide and
Host institute's address

CLAIM SHEET

(One copy, to be filled by the applicant)

1. Name, Designation and Address:
2. INSA Sanction Order No. & date :
3. Chosen area of research :
4. Name, designation and address of Professor of the Japanese host Institute:
5. Duration (Please give exact date/month/year) :
From.....to.....

6. Details of expenditure :

A. Travel : FOR ONWARD JOURNEY

- (i) Place of work in India :
- (ii) Place/airport from where flight taken for onward journey :
- (iii) Date of departure :
- (iv) Date and place of arrival in host country :
- (v) Airfare for onward travel (excluding airport taxes etc.): Rs.

FOR RETURN JOURNEY

- (i) Place of work abroad :
- (ii) Place/airport from where flight taken for return journey :
- (iii) Date of departure :
- (iv) Date and place of arrival in India :
- (v) Airfare for return travel (excluding airport taxes etc.): Rs.
- (vi) Total expenditure on air travel (for onward & return journey): Rs.

(Please attach copy of Air India e-ticket showing flight fare for both ways along with boarding passes)

B. Contingency : Rs.

C. Total (A to B): Rs.

Certified that I have attended the above training/ research programme and the particulars furnished above are correct. Also certified that I have not received any financial assistance from any other source.

Date:
Place:

Signature
(Name & Address of the Fellow)

(Format 4)

DETAILS TO BE FURNISHED BY THE PARENT INSTITUTE OF THE FELLOW

(One Copy to be send to INSA)

STATEMENT OF EXPENDITURE

Title of the Project: **Indo-Japanese Joint Project on “Establishment of Young Researcher Fellowship Programme 2018-19”**

INSA Sanction Letter No.:

Name of Awardee:

Visit duration: From.....To.....

Sl. No.	Sanctioned Heads	Funds Allocated (Financial Year wise)	Fund Received from INSA (Financial Year wise)	Expenditure Incurred (Financial Year wise)	Unspent Balance to be refunded to INSA	Balance to be reimbursed to the Institute/ University
1	Travel (International + Domestic)					
2	Visa Charges, Medical Insurance and Contingency					
3	Interest (if any)					
4	Total					

Name & Signature of the Scientist
with date

Finance Officer of Institute/
University with date and Seal

Head/Registrar of Institute/
University with date and Seal

UTILIZATION CERTIFICATE

(To be sent in duplicate to INSA)

1. Title of the Programme :
2. Name of the Institution :
3. Name & designation of the awardee :
4. INSA sanction letter No. and date :
5. Head of account as given in the original INSA sanction letter :
6. Total amount that was available for expenditure during the financial year:
7. Actual expenditure incurred :
8. Balance amount available at the end of the financial year :
9. Unspent balance refunded, if any :
(Please give details of Cheque No. etc.)
10. Balance to be reimbursed to the fellow :

Certified that out of Rs.....of amount sanctioned during the year.....in favour of(*institute's name*) under the INSA Letter No.....dated....., a sum of Rs.....has been utilized for the purpose of research/ training in Japan in respect of Dr.....(name of Fellow), awardee of the **Indo-Japanese Joint Project on "Establishment of Young Researcher Fellowship Programme 2018-2019"** and that the balance of Rs.....remaining unutilised at the end of the year has been surrendered to INSA (Vide Cheque No..... Dated.....) / balance amount of Rs.....due to awardee may please be reimbursed.

Signature of Fellow
with date

Signature of
Registrar/Accounts Officer
with date

Signature of Head of the
Institute with date

Service Bond (Sample)

(Selected candidate have to forwarded through proper channel a copy of this bond made on Rs.100/- stamp paper to INSA)

BOND TO BE EXECUTED BY A GOVERNMENT SERVANT IN PERMANENT EMPLOYMENT WHEN PROCEEDING ON INDO-JAPANESE JOINT PROJECT ON “ESTABLISHMENT OF YOUNG RESEARCHERS FELLOWSHIP PROGRAMME FOR YOUNG RESEARCHERS 2018-2019”

Known all the men by these present that I (**Name, Designation and Address of the Fellow**) do hereby bind myself and my heirs, executors and administrators to pay to the (**name of the institute**) on the demand sum of Rs.....(total fellowship amount) thereon from the date of demand at Government rates from the time being in force on Government loans or, if payable is made in a country other than India, the equivalent of the said amount in the currency of that converted at the official rate of exchange between that country and India and together with all costs between attorney and client and all charges and expenses that shall or may have been incurred by (**name of the institute**).

WHEREAS I (**Name, Designation and Address of the Fellow**), was awarded the **Department of Science & Technology (DST) - Japan Society for the Promotion of Science (JSPS) Fellowship Programme for Young Researchers 2018-2019** for a period of ___ months from _____ to _____ as per Indian National Science Academy, New Delhi award letter No. _____ dated _____

AND WHEREAS for the better protection of (**name of the institute**) I have agreed to execute this bond with such condition as hereunder is written.

NOW THE CONDITION OF THE ABOVE WRITTEN OBLIGATION IS THAT in the event of my falling to resume duty, or resign or retiring from service or otherwise quitting service without returning to duty after expiry or termination of the period of Fellowship or falling to complete the fellowship period or at any time within a period of **three years of my return** to duty, I shall forthwith pay to (**name of the institute**) or as may be desired by be directed by (**name of the institute**), on demand the said sum of Rs. _____ (Rupees _____) together with interest thereon from the date of demand at government rates from the time to time in force on Government loans.

If I return to (**name of the institute**) and resign from the job and/or go abroad or accept another job unconnected with the chosen area, then it would be construed as having broken the bond and I would be required to pay forthwith a sum of money pro-rated to the uncompleted period under the bond.

AND upon my making such payment the above written obligation shall be void and of no effect, otherwise it shall be and remain in full force and virtue.

The bond shall in all respects be governed by laws of India for the time being in force and the rights and liabilities hereunder shall, where necessary, be accordingly determined by appropriate Courts in India.

Signed and dated this of(month) Two Thousand Eighteen.

Signed and delivered by(name of Fellow)

In presence of witnesses: 1.....
2.....

ACCEPTED

For and on behalf of the Institute/University

Date:
Place:

Signature and Seal