

DEPARTMENT OF SCIENCE AND TECHNOLOGY

JSPS POSTDOCTORAL FELLOWSHIP PROGRAMME FOR FOREIGN RESEARCHERS – 2001 AND JSPS INVITATION FELLOWSHIP PROGRAMMES FOR RESEARCH IN JAPAN – 2001

Department of Science and Technology (DST), is a Responsible Organization (RO) in India for the following fellowship programmes of Japan Society for the Promotion of Science (JSPS):

- (i) JSPS Postdoctoral Fellowship Programme for Foreign Researchers; and
- (ii) JSPS Invitation Fellowship Programmes (Short term/Long term) for Research in Japan.

DST invites applications from promising and qualified Indian researchers for the above fellowships to conduct research in Japan at Japanese Universities and other Institutions under the jurisdiction of the Ministry of Education, Sports, Culture, Science and Technology (MEXT), Japan for the fiscal year 2001.

It may be noted that, the fellowship programmes of the Science and Technology Agency (earlier known as STA fellowships) of Japan have been merged into the above mentioned fellowship programmes of the JSPS with effect from 1st April 2001.

Host Researchers and Host Institutions in Japan

Candidates have to arrange in advance, a research plan for their stay in Japan with their host researcher and obtain consent from them in a prescribed format. The host researchers should be employed full time at institutions of one of the type listed below:

Type A: (1) Universities; (2) Inter-university research institutions; (3) Research institutions or scientific research corporations under the jurisdiction of the Ministry of Education, Sports, Culture, Science and Technology (MEXT), Japan except for institutions listed under type B.

Type B: Designated research institutes and scientific research corporations (List is given with the application material).

Number of fellowships, eligibility criteria, duration and other terms of various fellowships available to Indian researchers to be nominated by DST are given below.

JSPS Postdoctoral Fellowship Programme for Foreign Researchers

Eligibility Requirements: The applicants should be a citizen of India holding a doctorate degree awarded on or after 1 April 1995 and an affiliate of a recognized scientific institution in India (researchers like CSIR/UGC, JRFs, SRFs and RAs or similar positions in a research project may also apply) but not from a defense laboratory or establishment.

Duration: 12–24 months

Commencement of Fellowship: The fellows are supposed to arrive in Japan between 1 October 2001 and 31 December 2001.

Number of Fellowships:

For Type A host institutes – 5 (five)

For Type B host institutes – 7 (seven)

Fields of Research:

(a) For Type A host institutes: (i) Astronomy and Astrophysics; (ii) Manufacturing Sciences; (iii) Modern Biology and Biotechnology; (iv) Molecular Structure, Spectroscopy and Dynamics, including Supramolecular Science; (v) New materials including polymers and nano-materials; and (vi) Surface and Interface science including catalysis.

(b) For Type B host institutes: All fields of science, technology engineering and medicine.

Terms of Award (Fellows only): The Fellows are provided with the following financial support, which are subject to change.

(a) For Type A host institutes: (i) Round-trip air ticket; (ii) Monthly maintenance allowance of Yen 392,000; (iii) Settling-in allowances of Yen 200,000; (iv) Annual domestic research travelling allowance of Yen 58,500 per year and (v) Overseas travel accident and sickness insurance coverage.

(b) For Type B host institutes: (i) Round-trip air ticket; (ii) Monthly maintenance allowance of Yen 320,000; (iii) Settling-in allowance of Yen 200,000; (iv) Annual domestic research travelling allowance up to Yen 115,000 per year; (v) Overseas travel accident and sickness insurance coverage and (vi) Housing accommodation arranged by the host institute and Japan International Science Exchange Centre (JISTEC).

The exact amount of award would be mentioned by JSPS in their offer letters to the successful candidates. A grant to cover co-operative research expenses up to Yen 1,500,000 per year is also available for which the host researcher has to make the application.

JSPS Invitation Fellowship Programmes for Research in Japan

Only Type B host institutes are presently covered in this programme. There are two categories of fellowships:

(i) Short term (14–90 days): There are presently 8 (eight) fellowships available.

(ii) Long term (6–10 months): There is presently 1 (one) fellowship available.

Eligibility: The applicant should be a citizen of India, an affiliate of a recognized scientific institution in India but not from a defense laboratory or establishment and meet the following criteria:

(i) *Short term:* Only senior scientists, university professors and other researchers with substantial professional experience can apply.

(ii) *Long term:* Only those (a) Holding a doctorate degree in science, technology, engineering or medicine for a period of more than 6 years as on 1 April 2001; or (b) University professors, associate/ assistant professors, research associates and other persons who do not hold a doctoral degree but have substantial professional experience (minimum 9 years as on 1 April 2001) can apply.

Fields of Research: All fields of science, technology, engineering and medicine.

Terms of Award (Fellows only): The Fellows are provided with the following financial support, which are subject to change:

(a) For short term Fellows: (i) Round-trip air ticket; (ii) Daily maintenance allowance of Yen 15,000; (iii) Overseas travel accident and sickness insurance coverage.

(b) For long term Fellows: (i) Round-trip air ticket; (ii) Monthly maintenance allowance of Yen 297,000; (iii) Domestic research travelling allowance of Yen 100,000; (iv) Research expenses of Yen 40,000; (v) Overseas travel accident and sickness insurance coverage and (vi) Housing accommodation arranged by the host institute and Japan International Science Exchange Centre (JISTEC).

How to get the application material

Application forms by post: Application materials (hard copy) can be obtained by sending a request in an envelope inscribed "JSPS PDF Fellowships 2001" or "JSPS Invitation Fellowships 2001" as the case may be, along with a self-addressed unstamped envelope (slightly bigger than A4 size) so as to reach DST up to 30 April 2001 to the following address:

The Under Secretary, International Division, Department of Science and Technology, New Mehrauli Road, New Delhi 110 016.

Application forms by e-mail: The applications forms may also be obtained by sending e-mail to rajivdst@hotmail.com up to 30th April 2001. Please mention "JSPS PDF Fellowships 2001" or "JSPS Invitation Fellowships 2001", as the case may be, as the subject of the e-mail. In this case the material should be sent as a MS Word file attachment to e-mail in and not by post. Please do not attach any file with your e-mail.

Deadline for getting the forms: 30 April 2001; Deadline for submission of the forms: 31 May 2001