

DEPARTMENT OF SCIENCE AND TECHNOLOGY

JSPS RONPAKU (DISSERTATION Ph D) PROGRAMME 2005

Applications are invited from promising and qualified Indian researchers for Japan Society for the Promotion of Science (JSPS) RONPAKU (Dissertation Ph D) Fellowships to Japan for 2005, offered by the (JSPS). Up to four slots are available for recommendation through DST.

Description of the RONPAKU programme: RONPAKU programme provides tutorial and financial support to researchers who wish to obtain their Ph D degrees from Japanese universities through the submission of a dissertation, without going through a doctoral course. Grantees under the RONPAKU programme are required to conduct their dissertation research under the joint supervision of a Japanese Advisor and an Indian Advisor, and are expected to obtain their Ph D degrees within five years.

The RONPAKU Fellows are allowed to visit the host Japanese university/institute once a year (up to 90 days per visit) to conduct their research under the direct supervision of the Japanese Advisor. The Japanese Advisor may also visit the RONPAKU Fellow's research institution once a year (for a period of up to 30 days per visit) to supervise the research together with the Fellow's home advisor.

Eligible fields: All fields of basic and applied sciences/engineering (except Social Sciences/Humanities).

Eligibility: Each applicant should satisfy all the following conditions:

- (1) be a citizen of India under the age of 50 as on 1 April 2005; and
- (2) be employed in a regular full-time position in a recognized university or scientific research institution of Government of India/State Government and likely to continue so during the fellowship period; and
- (3) is conducting independent research and has obtained sufficient substantial research results; and
- (4) should have established close contact with the proposed Japanese advisor and should have prepared a concrete research plan which could be acceptable to the concerned Japanese University to award Ph D degree through the submission of a dissertation; and
- (5) the candidate should be able to forward the completed application through proper channel of the parent institution.

Japanese and Indian Advisors: The Japanese Advisor should have suitable qualifications to supervise the research work proposed by the applicant and must be either a professor, associate professor or lecturer who teaches in a doctoral programme of either a national, public or private university in Japan. The Indian Advisor should be preferably from the parent organization of the applicant and should have suitable qualifications to supervise the research work proposed by the applicant.

Terms of Awards: JSPS provides the following financial support to the RONPAKU Fellow: (1) Round-trip economy class air ticket between India and Japan; (2) a maintenance allowance during the stay in Japan; (3) In-Japan research trip allowance; (4) Sickness and accident

insurance coverage during the stay in Japan; and (5) Expenses related to dissertation submission and publication in the final year of the fellowship tenure. The Japanese host is provided round-trip economy class air ticket between India and Japan and Maintenance Allowance for stay in India when visiting Fellow's country and supervising expenses. Exact terms of awards would be mentioned by JSPS in their offer letters to successful candidates.

Application procedure: There are two sets of forms:

(i) DST format (Cover-Sheet) which may be downloaded from DST's website: <http://dst.gov.in>.

(ii) JSPS Format (3 Forms): Form 1: Application written by the Japanese Advisor; Form 2: Main Application Form; and Form 3: Letter of recommendation from the Home Institution.

The JSPS format may be obtained from the JSPS RONPAKU website: <http://www.jsps.go.jp/english/e-asia/ronpaku.htm>. DST would also send these formats to applicant after getting the application documents mentioned in Step 1 below.

Step 1: The applicants should themselves contact and obtain consent letters from proposed Japanese Advisor and Indian Advisor (through e-mail/fax/usual mail) containing (a) names, designation and organization of the applicant, Indian supervisor and Japanese supervisor; (b) title and synopsis of the research proposed and (c) year-wise brief plan of proposed research work. The applicant should send these documents along with one copy of the duly filled-in DST format (Cover-Sheet) and a self-addressed postcard (for acknowledgement) directly to DST so as to reach the following address between 23 May and 23 June 2004:

Dr Naveen Vasishta, Senior Scientific Officer, International Division, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi 110 016

Step 2: The eligible applicant should fill in Form 2 and Form 3 and send a copy each to DST along with one copy of the Cover-Sheet through the proper channel so as to reach DST on or before **15 July 2004** keeping the original set with them. Please note that Form 1 is not to be filled by the applicants.

Selection procedure: The applications may be scrutinized by an Expert Committee and the shortlisted candidates would be issued a letter of recommendation from DST (Form 4). This letter along with JSPS Forms 1, 2 and 3 should then be sent in original to the Japanese Supervisor who would fill the Form 1 and then forward the whole package to JSPS. The candidates should not submit the applications directly to JSPS.

The JSPS would evaluate all applications forwarded by Recommending Organizations of Asian countries (including DST) to finalise the list of successful candidates and is expected to inform the results to DST sometime in January/February 2005. DST would inform the Indian RONPAKU fellows selected by JSPS. The JSPS is not to be contacted directly.

It may be noted that the award of fellowship does not automatically guarantee the obtaining of a Ph D degree. Each RONPAKU fellow is responsible for making necessary efforts to succeed in dissertation research. The progress of the RONPAKU fellow is evaluated at the end of each year and if found satisfactory, the fellow is informed about the continuation of fellowship in the following fiscal year.