



**Centre for Science & Technology
of the Non-Aligned and Other Developing Countries
(NAM S&T Centre)**

**RESEARCH TRAINING FELLOWSHIP
FOR DEVELOPING COUNTRY SCIENTISTS
(RTF-DCS)**

**Guidelines and Announcement
2013-14**

Programme Sponsored by:

**Department of Science & Technology,
Ministry of Science & Technology
GOVERNMENT OF INDIA**

RESEARCH TRAINING FELLOWSHIP FOR DEVELOPING COUNTRY SCIENTISTS (RTF-DCS)

I. PREAMBLE

As an instrument for the promotion of South-South Cooperation in Science and Technology, the Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre) had initiated a Fellowship scheme titled 'Research Training Fellowship for Developing Country Scientists (RTF-DCS)' in 2012, which is sponsored by the Department of Science & Technology (DST), Government of India. The Fellowship aims at capacity building of young researchers of the developing countries in science and technology by giving them opportunities to affiliate themselves with premier academic and research institutions in India with full financial support including their international travel, and local hospitality, etc.

The NAM S&T Centre invites applications from the eligible scientists of the developing countries for RTF-DCS for the financial year 2013–14 (April 2013 to March 2014).

II. OBJECTIVES

- To promote mobility of scientists and researchers from the developing countries into India and provide them opportunity to work at Indian R&D/academic institutions to upgrade their research skills and expertise.
- To facilitate exchange of information and contacts between the scientists and researchers of India and other developing countries and create a network for building research collaborations.

As a spin off, the Fellows may also have opportunity to get co-supervisors from India for their research projects for Ph.D. or M. Tech. degree on their return to their home countries.

III. ABOUT THE NAM S&T CENTRE

The Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre; www.namstct.org) is an inter-governmental organisation with a membership of 47 developing countries spread over Asia, Africa, Middle East and Latin America. The Centre was set up in 1989 in New Delhi, India in pursuance of the recommendations of various NAM Summit meetings for the promotion of South-South cooperation in science and technology. The Centre undertakes a variety of programmes, including organisation of workshops, symposiums, meetings and training courses and implementation of collaborative projects. It also offers short-term research fellowships to scientists from developing countries in association with the Centres of Excellence in various countries. The Centre also publishes technical books and other scientific material on different subjects. These activities provide opportunity for scientist-to-scientist contact and interaction; familiarising participants on the latest developments and techniques in the subject areas; identification of the requirements of training and expert assistance; locating technologies for transfer between the members and other developing countries, dissemination of S&T information etc. In addition to the above, the Centre encourages academic-research-industry interaction in the developing countries through its NAM S&T-Industry Network.

IV. NUMBER OF FELLOWSHIPS

Twenty (20) scientists and researchers from the NAM and other developing countries will be selected under the RTF-DCS Scheme this year to get affiliated with Indian institutions. Generally, maximum one Fellow will be selected from any particular country, but in exceptional cases, this may be relaxed.

V. DURATION OF FELLOWSHIP

The Fellowship will be for a period of six months, but some variation in the duration may be allowed with prior approval of the NAM S&T Centre depending upon the actual requirement of the research project as mutually agreed between the Fellow and the host institution.

VI. AREAS IN WHICH FELLOWSHIPS ARE AVAILABLE

India has a vast and excellent infrastructure for Education and Research in Science, Technology and Engineering. There are ~45,000 Science Colleges, around 3400 Engineering & Technology Institutes, over 550 Universities, and an extensive network of ~2500 R&D Institutions, which are mostly Government supported and cover virtually every branch and facet of science, technology and engineering. For this year, Fellowship will be offered in the following **broad disciplines**:

1. **Agricultural Sciences**
2. **Biological and Medical Sciences**
3. **Chemical Sciences**
4. **Physical Sciences and Mathematics**
5. **Earth Sciences**
6. **Engineering Sciences**
7. **Materials, Minerals and Metallurgy**
8. **Multi-disciplinary and Other Areas**

A suggestive list of Indian institutions which may accept scientists to provide joint research opportunity to the scientists of the developing countries under RTF-DCS along with the areas of research offered by them is **enclosed (Please see Para-3 under Section – VIII: Submission of Application and Selection Criteria)**.

VII. ELIGIBILITY

1. Applicant should possess at least a Master's Degree in any Natural Science subject or an equivalent degree in Engineering or Medicine and allied disciplines.
2. Applicant should be working in a National R&D or Academic Institution in his/her home country. The application should be endorsed by the Head of his/her institution confirming that if selected, he/she will be sanctioned leave for the Fellowship period and will join his/her duties back in the institution on completion of the Fellowship in India.
3. The upper age limit for the applicant is 40 years on the last date for submission of application.
4. **Researchers of Indian Nationality are not eligible for the Fellowship.**

VIII. SUBMISSION OF APPLICATION AND SELECTION CRITERIA

1. Application for the award of the Fellowship should be submitted in the prescribed format (**enclosed**) to the NAM S&T Centre. The application form must be filled up only in typed script (**NOT HAND WRITTEN**). Incomplete and illegible applications will be rejected.
2. Only electronic communication will be accepted and therefore all the materials should be sent as attachments to an e-mail after scanning the documents wherever required. **Hard copies of the application by post/courier/FAX are not required.**
3. It is advisable for an applicant to make a prior contact with an institution where work is in progress in the area of interest to the applicant or a concerned Indian scientist, and obtain consent that the applicant, if selected for the RTF-DCS, will be accepted to work in the institution on the proposed research project. A copy of the consent letter should be enclosed with the application. Even though a suggestive list of Indian academic and research institutions has been enclosed with this Announcement, the applicant is free to contact any other institution in India for this purpose.

However, even if the applicant has not been able to secure such prior consent, the NAM S&T Centre will try to find a suitable matching institution for the applicant.
4. Applications received by the due date will be scrutinized in consultation with the concerned Indian institutions and the selection will be made by an International Selection Committee based on the quality of the research proposal submitted by the applicant, applicant's academic merit and available slots in the Fellowship scheme.
5. **The last date for submission of completed application form along with required enclosures is Monday, 14th October 2013.**

IX. FINANCIAL AND OTHER TERMS & CONDITIONS

1. Full financial assistance will be provided to the selected Fellows which will include the following:-
 - a. Round trip international airfare by excursion/economy class and by shortest route from the international airport in the home country to the international airport nearest to the host institution.
 - b. A consolidated Fellowship amount of Indian Rupees (INR) 35,000 [about US\$585 at the current exchange rate] per month (non-taxable) for accommodation, meals and other miscellaneous expenses.
 - c. One-time grant of INR 15,000 [about US\$250 at the current exchange rate] for domestic travel for airport transfers and visiting research institutions, attending scientific /events and field-trips within India.

The allowance as in (b) and the actual expenditure as in (c) will be disbursed to the RTF-DCS Fellow through the host institution.

The host Institution will arrange appropriate accommodation for the Fellow on payment basis.

The host institution will also be suitably compensated for its services for implementation of the programme.
2. The selected Fellow will take an appropriate policy for health insurance coverage for the period of stay in India. **A copy of the Insurance policy must be made available to the NAM S&T Centre before departure from the home country.**

3. Individual Fellow, or his/her government / institution, is required to bear the following costs:
 - a. All expenses in the home country incidental to travel abroad, including expenditure for passport and visa, expenditure towards medical examinations and vaccinations as may be required and other miscellaneous expenses such as internal travel to/from the international airport of departure in the home country.
 - b. Salary and other related allowances in the home country, if applicable, during the Fellowship period.
 - c. Cost towards the medical insurance to cover the period of Fellowship in India.
4. Neither the NAM S&T Centre nor the host institution in India will assume any responsibility whatsoever for the following expenditure of the Fellows during the tenure of the Fellowship:
 - a. Insurance, medical bills or hospitalisation fees.
 - b. Compensation in the event of death, disability or loss of personal belongings or compensation for damage caused by climatic or other conditions.
 - c. Travel and other costs incurred by the dependents, who might accompany the Fellows.

X. OBLIGATIONS OF THE RTF-DCS FELLOWS

The Fellows will observe the regulations and procedures stipulated below. If they fail to do so, the Fellowship shall be withdrawn.

- a. During their tenures, Fellows shall not either in or outside the host institution, infringe in any way on the human rights of others, including racial or gender discrimination or other forms of abuse.
- b. Fellows shall stay in India continuously during the tenure of the fellowship and concentrate on their scientific work at the host institution. Fellows shall not engage in other work, either paid or unpaid, during their tenure.
- c. The Fellows shall follow the rules of the host institution and shall not undertake any acts of research misconduct, e.g., fabricating or falsifying research results and misuse of research funds.
- d. The Fellow shall submit a research report to the NAM S&T Centre on completion of his/her tenure, which shall be duly signed by the supervisor or co-researcher in the host institution.

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**RESEARCH TRAINING FELLOWSHIP
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APPLICATION FORM

(Please TYPE. Handwritten applications will not be accepted. No column should be left blank.)

Last date for submission of completed Application Form: Monday, 14th October 2013

SECTION – A: RESEARCH PROPOSAL

Broad Discipline/Subject of Proposed Research (Please tick ✓ any one) (Pl. see Section-VI P – 2 of the Announcement)	Agricultural Sciences	Biological and Medical Sciences	Chemical Sciences
	Physical Sciences and Mathematics	Earth Sciences	Engineering Sciences
	Materials, Minerals and Metallurgy	Multi-disciplinary and Other Areas	
Title of the Research Proposal [Attach a detailed Research Proposal with Objectives, Scope of Work, Plan of Action, Methodology and Deliverables in separate sheets as Annexure – 1]			
Area of Proposed Research (Pick from enclosed list of institutions or as per consent from any other institution, if obtained)			
It is not mandatory, but if an Indian scientist/institution has already accepted you to work there, please give the name and contact details, including e. mail address, phone nos. etc. of the scientist/institution; In this case a copy of the consent letter may be enclosed with the application.			

SECTION – B: PERSONAL DETAILS

1.	Name (Dr./Mr./Mrs./Ms.) (As in Passport)			Affix Recent Photograph
2.	Designation (Present position)			
3.	Nationality			
4.	Date of Birth _____	Place of Birth (City) _____	Country _____	
5.	Passport No _____	Place of issue _____	Date of Issue _____	Valid up to _____
6.	Name of the Institution where employed			
	Office Address			
		Phone _____	Fax _____	Email _____

7.	Residential Address				
		Mobile (With Country Code) -----	Phone (With Country / Area Code) -----	Fax: (With Country / Area Code) -----	Email -----
8.	Educational Qualifications	Highest Degree		Year of Award	
		University		Field of Study	
9.	Please attach your Curriculum Vitae (Maximum two Pages), Including Professional and Research Experience and a List of five Recent Scientific Publications in <i>separate sheets</i> as Annexure - 2				
10	Have you availed any other Fellowship in India earlier? If yes, write the Name/Year of the Fellowship availed and institution in which worked				

Date: _____

Signature of applicant: _____

SECTION – C: RECOMMENDATION OF PRESENT EMPLOYER

The application of Dr./Mr./Mrs./Ms.....for the **Research Training Fellowship for Developing Country Scientists (RTF-DCS)** in India is recommended for consideration by the NAM S&T Centre. If selected, Dr./Mr./Mrs./Ms.will be sanctioned leave for the Fellowship period and will join his/her duties back in this Organisation on completion of the Fellowship period in India

Name of the recommending officer (in Full) _____

Designation: _____

Place: _____

Signature: _____

Date: _____

Seal: _____

Check List for Enclosures to be attached:

- Detailed Proposal with Objective(s), Scope of Work, Plan of Action, Methodology and Deliverables. (**Annexure - 1**)
- Curriculum Vitae (Maximum two Pages), Including Professional and Research Experience and a List of five Recent Scientific Publications (**Annexure - 2**)
- Consent letter from Indian institution, if obtained.
- Copy of relevant pages of the Passport.

CONTACT DETAILS

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