

Indo-Russian Joint Research Call for Proposals 2016

CALL OPEN 5TH FEBRUARY, 2016

Deadline Date 5th May, 2016

Department of Science & Technology (DST), Govt. of India and **Russian Foundation for Basic Research** concluded an MoU for funding of Joint Research Proposals in India and Russia in the areas of Basic Science. Under this MoU each project will receive annual funding of up to equivalent of US \$ 30,000 (roughly 18,00,000/- from DST to the Indian partner and up to Rbls. 18,00,000/- from RFBR to the Russian partner).

DST and RFBR invite Indian and Russian scientists / researchers to submit proposals for Joint Research Project in the following areas of basic sciences under DST-RFBR cooperation:

- **Fundamentals of Nuclear Sciences;**
- **Development of methods for structural diagnostics for interdisciplinary research on the source of synchrotron radiation and neutrons**
- **Basics and interdisciplinary problems of neutrino physics**
- **Nonlinear optics: methods of research with ultra-high spatial and temporal resolution**
- **The fundamentals of nano-micro-meso-macromechanics deformation and fracture**
- **Energy storage**
- **High performance computing and big data**
- **Energy materials**

Proposals submitted in other research areas will not be considered.

Terms of the project grant

- Support is available for Joint Research in areas of basic sciences only. Joint research projects will be carried out by research teams from both countries. The team leaders must hold a full-time position at a university or research institute in their respective countries. Scientists are advised to submit only one project against this call.
- The duration of each project will be two years initially. After the completion of this period, an application for additional one year may be considered on the merit of the progress.
- The team leaders should submit an application to respective nodal agency, upon consultations, using the respective **forms** prescribed by DST and RFBR. Applications submitted by one side only; not on prescribed format and received after due date will not be accepted. Indian/Russian team leaders should, therefore, ensure that their counterpart submits an identical application on prescribed format as per guidelines of nodal agencies by due date.
- DST and RFBR will conduct parallel review of the applications respectively based on the agreed criteria. DST and RFBR will make joint decisions based on the review results.
- List of selected projects will be posted on website www.dst.gov.in and www.rfbr.ru in likely on 5th August, 2016.
- Successful Indian team leaders would be expected to complete various governmental requirements before commencement of the project.
- Expected Starting of Project: August, 2016
- Project leaders are required to submit Statement of Expenditure / Utilisation Certificate alongwith Project Technical report immediately after completion 1st and 2nd financial year.
- The funding for the selected projects will be provided in annual instalments. The second instalment for each project will be provided after receipt of financial documents, mentioned above, and on evaluation of intermediate technical reports, submitted by Indian and Russian researchers respectively to DST and RFBR and only if both reports are evaluated positively.

Kind of support available for Joint Project:

Each project will receive annual funding of up to Rs. 1,800,000 from DST and up to Rbls 1800, 000 from RFBR. This funding will cover the following expenses in connection with a project;

- **Consumables and other research expenses;** Expenditure by project team in their country would be borne by the respective country, i.e., DST would support expenditure on Indian side of the project whereas RFBR would meet the expenditure of Russian side.
- **Support for Exchange visit component:** The sending side would provide return international airfare, accommodation, per diem, etc. Presently, for the approved visit of Indian scientists to Russia, following expenditure are agreed: international fare (from nearest airport to destination city by economy excursion class), cash allowance @ US \$ 50 per day for visit less than a week and @ US \$ 40 per day for longer visit; accommodation up to US \$ 100 per night (subject to receipt), local transport up to US \$ 25 (subject to receipt) and overseas medical insurance by silver class for visit duration.
- **Institutional Overhead:** AS per DST norms.

Indian Project Coordinators are expected to give break-up and justification for their requirement.

Assessment of applications

All applications received by the notified round closing date will undergo a peer review process and then be referred to an independent advisory panel for consideration and ranking. Applications must attain a positive rating to be considered eligible for funding. Joint selection of successful applications by DST and RFBR will be discussed by the respective nodal agencies and informed by the rankings. Decisions are made by the DST-RFBR Joint Committee and will be final. The following criteria will be taken into consideration for selection of proposals:

- The scientific merit of the collaborative research proposal including the potential of the anticipated outcomes to advance the knowledge base of the discipline; and the likely impact of the proposed research. In relation to Bilateral Workshop proposals, the potential of the Bilateral Workshop to generate collaborative research projects of sufficient merit to access support through competitive rounds of the DST-RFBR Cooperation.
- Scientific excellence of the projects
- Mutual advancement of research through the transfer of knowledge and expertise
- Participation of young researchers
- Ability of the teams to successfully complete the project

Submitting an application

Indian applicants for funding should submit completed application [form](#) and all relevant, clearly labelled attachments in a single email to the email address: skvdst@nic.in to reach by 5 pm on 5th May, 2016. An email acknowledging receipt of the application will be provided to the applicant in 7 working days. They are also requested to send eight hard copies to DST by two weeks after closing date. It should be ensured that application with identical title has been submitted by his / her Russian counterpart scientist with RFBR by due date.

For further details and clarifications, if any, kindly contact any of the following in India or Russia:

For India

Mr. SK Varshney
Scientist 'G', International Division

For Russia

Ms Mirzabekova Andreevna Asya
International Relations Department,

Department of Science & Technology,
Ministry of Science & Technology,
Technology Bhavan, New Mehrauli Road,
New Delhi – 110 016., India

Fax: +91-11-26862418

E-mail: skvdst@nic.in

URL: www.dst.gov.in

Russian Foundation for Basic Research
B-334, FSP-1, Leninsky Prospect- 32A
Moscow - 119991, Russia

e-mail: asya@rfbr.ru

URL: <http://www.rfbr.ru>

DST - RFBR Joint Call for Proposals



For Use by DST

Area:.....

....

Sl.

PROJECT PROPOSAL

PROJECT TITLE :

KEY WORDS
(Max. 5)

AREA
Pls indicate area under which your proposal falls

PROJECT COORDINATORS : Indian Russian
(one on each side)
(Name, Designation, Address, Tel., Fax, E-mail)

OTHER PARTICIPANTS :
(Including those from user agency(ies))

PROPOSED STARTING DATE :

DURATION :

OBJECTIVES :

BRIEF DESCRIPTION OF PROJECT :
(Please attach 1-2 page Project summary including methodology and anticipated results)

**NATIONAL & INTERNATIONAL
SCENARIO IN THE PROPOSED
TOPIC/THEME OF RESEARCH**

(in about 200 words), Please provide key bibliographic references.

**NECESSITY AND THE SIGNIFICANCE OF
THE PROPOSED RESEARCH EXCHANGE
WITH RUSSIA:**

PLANNED TARGETS

Time frame	Target	Indian responsibilities	Russian responsibilities
(a)	(b)	(c)	(d)
1 st six months			
2 nd six months			
3 rd six months			
4 th six months			

**SUGGEST WAYS OF MEASURING
OUTCOME AND IMPACT OF THE
RESEARCH PROJECT**

PROPOSED METHODOLOGY FOR JOINT
UTILISATION OF RESULTS
(Joint Publications, transfer of results to
industry, setting up of joint ventures etc.)

ONGOING / COMPLETED PROJECTS (last 5 years)
WITH THE INDIAN PRINCIPAL
INVESTIGATOR

National Projects:

S. No.	Project Title	Sponsoring Agency	Budget	Status
--------	---------------	-------------------	--------	--------

International Projects:

S. No.	Project Title	Name of the Collaborating Scientist & Institute	Sponsoring Agency	Budget	Status
--------	---------------	---	-------------------	--------	--------

EXCHANGE VISIT WHICH MAY BE :
 REQUIRED TO MEET TARGETS

	1 st year	2 nd Year
India to Russia		
Russia to India		

FINANCIAL SUPPORT REQUIRED :

	1 st Financial Year	2 nd Financial year
Consumables		
Manpower		
Contingency		
Exchange Visits		
Total		

- Please add appropriate justification for the required budgetary support head-wise.

FUNDING PATTERN

:

	1 st Financial Year	2 nd Financial Year
* Available from * Institute * Parent Deptt. * (CSIR, DBT, DAE, etc) * Others DST Schemes PI. Specify * Other Sources PI. Specify		
* Required * DST * Other Sources (PI. Specify)		
Total		

Note : The Project Leader is required to submit periodic reports and its continuation in the second year would depend upon its progress assessed by DST & RFBR. At the end of each financial year the Indian Project Leader is also required to submit the Utilization Certificates and Statement of Expenditure in prescribed to DST.

(Signature of Project Coordinator)

Attachments required

1. **A consent of Russian counterpart to pursue proposed joint work.**
2. **No objection / Forwarding letter of Institute.**
2. Bio-data of Project Coordinators (max: (2 pages) including date of superannuation / completion tenure, field of specialization, current research interests, significant accomplishment.