



**Department of Science & Technology (DST),  
Government of India  
&  
Ministry of Science and  
Technology of the Kingdom of Thailand  
Bilateral Scientific and Technological Cooperation  
between  
The Republic of India and The Kingdom of Thailand**



## **CALL FOR JOINT PROPOSALS (2018)**

**DEADLINE FOR THE SUBMISSION OF PROPOSALS : JULY 16, 2018**

Under the Programme of Cooperation in the fields of Science and Technology for the years 2018-20, the Indian Department of Science and Technology (DST), Ministry of Science and Technology, Government of India and the Ministry of Science & Technology of the Kingdom of Thailand, invite Indian and Thai universities, research centres and institutes to submit joint proposals for scientific and technological research and development projects.

### **I - PRIORITY RESEARCH AREAS**

Department of Science & Technology (DST), Government of India and Ministry of Science & Technology of the Kingdom of Thailand, invite Indian and Thai scientists / researchers to submit proposals for joint research projects in the following areas:

- i. Human Health sciences
- ii. Renewable Energy covering solar cells and PV reliability
- iii. Photonics covering elastomeric optics and optical devices
- iv. Geospatial Technologies covering creation of GIS of towns in Thailand for urban development
- v. Astronomy & Astrophysics

### **II – WHO CAN APPLY**

The proposals should involve one or preferably more research entities from both sides. The joint application must include one Indian and one Thai Principal Investigators, who would be responsible for technical as well as administrative co-ordination of the project and its periodic scientific and financial reporting to the DST/ Office of the Permanent Secretary, Ministry of Science and Technology respectively.

**Please note that on the Indian side applicant already implementing two projects funded by the International Division of DST is not eligible to submit the project against this call.**

### III – THE DURATION OF PROJECTS:

The duration of the projects should be up to three years.

### IV - FINANCIAL SUPPORT

Financial support for the approved projects is usually provided for exchange visits of project team members. Minor support towards consumables and contingency could be considered, if details of item proposed and proper justification have been given. Two visits up to 4 person months every year from each side may be supported. In the exchange of project researchers, the sending party covers the costs of international travel up to the relevant entry city of the receiving side as well as the medical insurance and the receiving party meets the living costs according to internal regulations in force in India and Thailand. For the Indian side, DST will financially support the project. On the Thai side, the implementing agency will be responsible for the cost and the Ministry of Science and Technology will be the coordinating agency for the joint call.

### V - GUIDELINES FOR PROPOSAL SUBMISSION

#### 1. Proposals

- Duly filled relevant application forms distributed by Office of the Permanent Secretary, Ministry of Science and Technology and the Department of Science and Technology (also available on the websites [www.most.go.th](http://www.most.go.th) in Thailand and [www.dst.gov.in](http://www.dst.gov.in) in India) which are approved by the heads of the institutions of the coordinators.
- Curricula vitae of both research teams.
- Letter of intent exchanged between the coordinators of the project.
- Letter of commitment for Thai nodal Agency for financially supporting the project

#### 2. Submission

- The deadline for the submission of proposals is July 16, 2018.
- The Indian researchers can download the proposal formats from websites [www.dst.gov.in](http://www.dst.gov.in) / [www.onlinedst.gov.in](http://www.onlinedst.gov.in) and should submit completed application form and all relevant information. Proposals must be submitted to DST through the e-application system provided at [www.onlinedst.gov.in](http://www.onlinedst.gov.in). Indian Applicants also requested to send **three hard copies** (1 original + 2 copies) to DST by 20th July 2018 through proper channel. It should be ensured that application with identical title has been submitted by his / her Thai counterpart to MOST Thailand by due date.
- Thai applicants shall submit applications as per guidelines of Ministry of Science & Technology of Thailand. For details visit [www.most.go.th](http://www.most.go.th)

- Hard copies of proposal should be submitted/mailed/e-mailed to the following addresses:

In India:

Address : Dr Rajiv Kumar, Scientist 'E', International Division,  
Department of Science & Technology, Technology Bhawan, New  
Mehrauli Road, New Delhi 110016  
E-mail : rajivarc@nic.in

In Thailand:

Address : Mrs. Thamaporn Apison, Director, Office of International  
Cooperation, Ministry of Science and Technology, Rama VI Road,  
Ratchathewi, Bangkok 10400  
Tel. 66 2 333 3897 / 662 333 3905 Fax. 66 2 333 3930  
E-mail : [thamapor@gmail.com](mailto:thamapor@gmail.com) / cc. [kthongparpai@gmail.com](mailto:kthongparpai@gmail.com)

## **V - EVALUATION OF THE PROPOSALS**

Proposals will be evaluated independently by the Department of Science and Technology in India and Office of the Permanent Secretary, Ministry of Science and Technology in Thailand using their own procedures. Decision towards funding will be mutually agreed based on the gradings (on 1 to 10 scale) received on the two sides. Coordinators are likely to be informed in October / November 2018 about evaluation results. The jointly approved projects are likely to be started in December 2018.

**Please note that only jointly submitted proposals to DST and Office of the Permanent Secretary, Ministry of Science and Technology will be considered. Proposal submitted only on one side may not be considered.**

For further information please contact Office of the Permanent Secretary, Ministry of Science and Technology and DST officials at the coordinates given above.

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**INDIA-THAILAND PROGRAMME OF CO-OPERATION  
IN SCIENCE & TECHNOLOGY  
(Proforma for Application for Joint Research Project)**

**A. PROJECT IDENTIFICATION**

1. Title of the Project:
2. Duration of the Project in months:  
Expected date of commencement:
3. Field of Science & Technology covered by the proposal:  
Key words qualifying the scope of the proposal:

4. Project Investigators (PI) & Collaborating Institutions

	<u>Indian</u>	<u>Thai</u>
Name of PI Designation Date of Birth Institute Contact Address  Telephone No. : Office Residence Fax No. e-mail		
Name of the Co-Investigator(s) Designation Date of Birth Institute Contact Address Telephone No. : Office Residence Fax No. e-mail		

## B. TECHNICAL INFORMATION

1. Objectives of the Project (up to 200 words)
2. Justification for collaboration & brief information about national and international scenario in the proposed area of research (up to 200 words)
3. Scientific & technical description of the project including methodology (up to 400 words)
4. Plan of work

<b>Time Schedule</b>	<b>Indian Responsibilities</b>	<b>Thai Responsibilities</b>
1st Year		
2nd Year		
3rd Year		

5. Number of exchange visit required to achieve the Project Objectives (Year wise)

<b>Period</b>	<b>India to Thailand</b>		<b>Thailand to India</b>	
	<b>Number</b>	<b>Duration</b>	<b>Number</b>	<b>Duration</b>
1st Year				
2nd Year				
3rd Year				

6. Expected results of this cooperation (e.g. joint publications, patents etc.)  
Are any of the expected results like to have commercial value? How do you propose to share it? (up to 100 words)
7. Bio-data of Indian and Thai investigators to appended in about 2 pages each. [The description should highlight the expertise of the PI(s) in the proposed field of work supported by citing relevant publications only].

## C. ADMINISTRATIVE & FINANCIAL INFORMATION

### 1. Project Cost

Year	Consumables#	Contingency	Exchange	Visits	Total
			India to Thailand	Thailand to India	
1st Year					
2nd Year					
3rd Year					
Total					

(#) Minor support towards consumables could be considered, if details of item proposed and proper justification have been given.

### 2. Signatures of the Project Investigators & Co - investigators

**INDIAN**

**THAI**

### 3. Declaration from the Heads of the Collaborating Institutions:

It is certified that :

- i) The Institutions agree to participate in this Joint Research Project;
- ii) The Institutions shall provide infrastructure & necessary facilities for implementing the joint project;
- iii) The Institutions assume to undertake financial & other management responsibility for the part of the project work to be carried out at their institution; and
- iv) the back-up funding for manpower, consumable etc. is available to this project.

Signature & Seal of the Head of the Institutions

**INDIAN**

**THAI**