

**CONTENTS OF THE EMAIL RECEIVED FROM MR. SABYASACHI DASMOHAPATRA,  
CEO, GLOBAL INNOVATION & TECHNOLOGY ALLIANCE (GITA)**

**SUBJECT: Launch of India-Taiwan Programme of Cooperation in Science & Technology, Call for Proposal  
– 2014: Closing Date of CFP: 31 December 2014**

Dear Prof R.K. Shevgaonkar,

Greetings from Global Innovation & Technology Alliance (GITA)!

The Department of Science & Technology (DST), India jointly with Ministry of Science & Technology (MOST) of Taiwan, has launched a joint Call For Proposal 2014.

**Under this Programme, the 7th annual Call for Proposal (CFP) – 2014 for submitting Joint Research Project Proposals is open till 30 DECEMBER 2014 (1730 HRS IST). The priority areas for R&D Projects under this CFP are:**

- **Micro materials for sustainable energy and storage devices**
- **Health care including functional genomics, drug development & biomedical devices**
- **Earth atmosphere and ocean sciences including disaster management**
- **Digital technologies for societal applications and cloud computing**
- **Agricultural and food sciences**

Programme is open to all Scientists, Engineers, Faculty, Researchers, young Scientists from public funded research institutes and academic institutions in India and Taiwan, engaged in advance research in the above referred areas. The participation of private industry from both is encouraged and welcome to be partner in the project. However, private companies shall have to bring their own funding for their research work/component in the project. No funding is available to private companies from Indian as well as Taiwanese side.

In India, proposals shall be submitted to Global Innovation & Technology Alliance (GITA), a 'Not-for-Profit' Company, incorporated jointly by the Technology Development Board (TDB) of the Department of Science & Technology (DST), GoI and the Confederation of Indian Industry(CII).

For further Information and guidelines, kindly refer to the attached document. The application form can be downloaded from GITA website [http://gita.org.in/funding\\_India-Taiwan.html](http://gita.org.in/funding_India-Taiwan.html) OR contact my colleague MS DEEPANWITA MUKHERJEE at [deepanwita.mukherjee@gita.org.in](mailto:deepanwita.mukherjee@gita.org.in), Tel: +91 11 4577 2030.

Looking forward for hearing from you,

Warm Regards

SABYASACHI DASMOHAPATRA  
CEO  
GLOBAL INNOVATION & TECHNOLOGY ALLIANCE (GITA)  
IGSSS Building (4th Floor), 28 Institutional Area,  
Lodi Road, New Delhi – 110003, India  
Tel : +91 11 4577 2030; Fax: +91 11 4577 2014  
[www.gita.org.in](http://www.gita.org.in)

**INDIA-TAIPEI ASSOCIATION IN TAIPEI  
AND  
TAIPEI ECONOMIC AND CULTURAL CENTRE IN NEW DELHI**

INDIA-TAIWAN PROGRAMME OF COOPERATION IN SCIENCE & TECHNOLOGY

**CALL FOR JOINT RESEARCH PROJECT PROPOSALS**

**CALL CLOSING DATE: 31st December 2014**

Pursuant to the signing of an Memorandum of Understanding(MoU) between the Taipei Economic and Cultural Centre (TECC) in New Delhi and the India -Taipei Association (ITA) in Taipei on Scientific & Technological cooperation in April 2007, the Department of Science & Technology (DST) and the Ministry of Science & Technology (MOST) of Taiwan, as nodal agencies to implement the programme of cooperation between India and Taiwan, invites joint research proposals for support under Indo-Taiwan S&T cooperation programme.

**Priority areas for R&D projects**

Projects for financial support in the following broad subject areas will be supported-

- Micro/ Nano electronics, embedded systems and sensors
- New materials for sustainable energy and storage devices
- Health care including functional genomics, drug development & biomedical devices
- Earth atmosphere and ocean sciences including disaster management
- Digital technologies for societal applications and cloud computing
- Agricultural and food sciences

**Financial support**

The financial support is available basically for mobility of scientists/ researchers from each side. Normally 2 visits (up-to 30 and 60 days each) per year from each side for max of 3 years would be allowed. Some additional incremental funding on account of scientific manpower (JRF/SRF/RA etc); scientific minor equipment/ accessories (max of Rs. 5.0 lac); chemicals/ consumables/ accessories (upto Rs 3.0 lac per year) is also available under the scheme. However, support for capital equipments is NOT available under the scheme.

The local hospitality norms pertaining to exchange visits would be as below-

a) Indian scientists visiting Taiwan-

Furnished accommodation in Hotel/ guest house plus per-diem @ 1000 NTD per day towards boarding and out of pocket expenses

b) Taiwanese scientist visiting India-

Furnished accommodation in Hotel/ guest house including per-diem will be provided. A total of Rs 5000/- per day (accommodation + per diem) for the Taiwanese scientists will be provided.

Up to 10 joint research projects would be supported against the present call and the likely date for start of the projects is **1<sup>st</sup> August 2015**.

### **Eligibility**

Programme is open to all Scientists, Engineers, faculty, researchers, young scientists from public funded research institutes and academic institutions in India and Taiwan, engaged in advance research in the above referred areas. The participation of private industry from both is encouraged and welcome to be partner in the project. However, private companies shall have to bring their own funding for their research work/component in the project. No funding is available to private companies from Indian as well as Taiwanese side.

### **Last date and submission of applications**

The Joint project proposals may be submitted by the Indian partner to GITA and by the Taiwanese partners to MOST in the prescribed format at **Annexure-I**. Application forms and guidelines may be downloaded from [www.gita.org.in](http://www.gita.org.in) under "Request for Proposal (<http://gita.org.in/call-for-proposal.html>)"

The project proposals completed in all respect must be received by both sides latest by the **31<sup>st</sup> December 2014**. Proposals submitted unilaterally shall not be considered. Advance copies, incomplete and loose proposals shall not be accepted.

The Indian project partner may submit the original copy of the application to:

**Mr. Vimal Kumar**, Deputy Director & Programme Officer, Global Innovation and Technology Alliance (GITA), IGSSS Building, 4th Floor, Lodi Road, New Delhi-110003 (Tel: +91-11-45772043, Fax: +91-11-45772014, Email: [vimal.kumar@gita.org.in](mailto:vimal.kumar@gita.org.in)) along with a soft copy of the application as email attachment only in ms-word or pdf-format.

Kindly send the soft copy only in a single soft file. Please do not send scanned copies of the application as signature are not required on the softcopy of the application.

The Taiwanese partner may submit the application online to the Ministry of Science and Technology according to the procedure outlined in the MOST's announcement, and address to:

**Dr. Louis Chen**, Program Director, Department of International Cooperation and Science Education, Ministry of Science and Technology, Taipei, Taiwan Tel: +886-(0)2-27377959 / Fax: +886-(0)2-27377607; Email: [ymchen@most.gov.tw](mailto:ymchen@most.gov.tw)

For further information and details, please contact –

<p><b><u>From Indian side</u></b></p> <p>Shri. R K Sharma Principal. Scientific Officer, International Coop. Division, Department of Science &amp; Technology, New Mehrauli Road, New Delhi – 110 016 Email: <a href="mailto:sharma_rk@nic.in">sharma_rk@nic.in</a></p>	<p><b><u>From Taiwanese side</u></b></p> <p>Dr. Louis Chen, Program Director, Department of International Cooperation and Science Education, Ministry of Science and Technology, Taipei, Taiwan Tel: +886-(0)2-27377959 / Fax: +886-(0)2- 27377607 Email: <a href="mailto:ymchen@most.gov.tw">ymchen@most.gov.tw</a></p>
---	--

**GENERAL GUIDELINES/INFORMATION**

1. The project would necessarily have to be developed jointly by the scientists/ research institution on both sides, duly forwarded by the Heads of the respective institutions. **The participation of private industry from both sides is encouraged and welcome to be partner in the project. However, private companies shall have to bring their own funding for their research work/component in the project. No funding is available to private companies from Indian as well as Taiwanese side.**
2. The visiting party will meet the expenditure on international and domestic (inter-city) air travel. The receiving party will meet the expenditure on local hospitality for boarding, lodging and local ground transportation of the visiting scientists for a specified number of days/persons to be decided by the two parties on a case-by-case basis.
3. Normally, two visits per year from each side would be permitted. The duration of visits would be max 60 days per year for junior scientists and max of 30 days per year for Sr. Scientists. One visit is defined as a visit by a scientist/ expert to partner country.
4. Only one visit per year will be permitted for each participating scientists.
5. Only one research proposal from one researcher / applicant shall be considered at a time.
6. No requests for extension (with or without additional cost) of the project beyond 3 years duration shall be considered.
7. Institute over-head charges shall be payable to Indian grantee Institutes @5% of the non-travel expenses/ costs which may change at the sole discretion of the funding parties.

(Application form for Joint Research Project)

INDIA -TAIWAN  
PROGRAMME OF COOPERATION IN SCIENCE & TECHNOLOGY

**PART 1: General information**

**1 Basic data**

**Project Title:**

**Keywords:**

**Priority research area:**

**Intended start:**

**Duration (months):**

--

We hereby confirm that all the information given in this application and the attachments is correct to the best of my knowledge.

*Place, Date*

*Indian main applicant*

*Place, Date*

*Taiwanese main applicant*

**INSTITUTIONS ENDORSEMENT:**

Certified that the infrastructural facilities related to the project activity is available in this Institution including equipment, manpower and other facilities and all necessary administrative support will be extended for the project

**Indian Institution:**

Name:

Position:

Signature:

Date:

**Taiwanese Institution:**

Name:

Position:

Signature:

Date:

## **2 Personal data**

### **2.1 Indian Project coordinator**

Surname:  
First name(s):  
Designation:  
Academic degree:  
Date of birth:  
Gender:  
Nationality:  
Institute name/place of work:  
Address:  
Postcode, city:  
Country:  
E-mail:  
Phone number:  
Fax number:

--

### **2.2 Taiwanese project coordinator**

Surname:  
First name(s):  
Designation:  
Academic degree:  
Date of birth:  
Gender:  
Nationality:  
Institute name/place of work:  
Address:  
Postcode, city:  
Country:  
E-mail:  
Phone number:  
Fax number:

--

### **2.3 Indian & Taiwanese co-applicant(s)**

Surname:  
First name(s):  
Designation:  
Academic degree:  
Date of birth:  
Gender:  
Nationality:  
Institute name/place of work:  
Address:  
Postcode, city:  
Country:  
E-mail:  
Phone number:

--

Fax number: \_\_\_\_\_

(Please insert additional tables into the document to list additional co-investigators)

## **PART 2 - RESEARCH PLAN**

### **1 Summary** (max. 8,000 characters)

*Briefly describe the objectives, the research plan, and expected results of the proposed project.*

### **2 Background** (max. 2 pages)

*Describe the study interests with respect to knowledge in the field and open questions that motivate this proposal. Explain the significance of this project and describe how it will contribute to the advancement of knowledge in your field of research. State what will be original about the proposed project compared to what has already been published in your area of research.*

### **3 Objectives**

*Describe in detail the objectives of the proposed project.*

### **4 Partnership aspects**

*Outline the previous work and past performance of all applicants in the proposed area of research. Briefly describe their experiences and strengths and show their complementarities.*

### **5 Detailed research plan including methodology**

*Explain in detail your approach and methodology to conduct the proposed research and to obtain the stated objectives. Describe how the individual tasks and responsibilities will be divided between the project partners.*

### **6. List of on-going and/or recent research projects with collaborators**

<b>Project title</b>	<b>Research area</b>	<b>Project duration (xx/yy/zz - xx/yy/zz)</b>	<b>Amount of funds &amp; funding source</b>

*Insert additional rows into the table if required.*

## **ATTACHMENTS**

In addition, please provide for all applicants:



- a. Brief curriculum vitae
- b. Publication list and list of patents (if applicable)

**PART 3 - Requested funding**

**3.1 Indian side (mobility expenses)**

Year	No. and duration of each visit to Taiwan	International air-fare and overseas insurance (only in INR for Visits from India to Taiwan)	Accommodation, per-diem etc in INR. (For visits from Taiwan to India) as per the prescribed rates	Total
1 <sup>st</sup>				
2 <sup>nd</sup>				
3 <sup>rd</sup>				
Total				

**3.2 Indian side (project research costs)**

Year	Minor equipment(s) / accessories etc	Chemicals & Consumables, if any	Man-power (project scientific staff)	Total
1 <sup>st</sup>				
2 <sup>nd</sup>				
3 <sup>rd</sup>				
Total				

**3.3 Taiwanese side (mobility expenses)**

Year	No. and duration of each visit	International air-fare and overseas insurance only) in NTD for visits from Taiwan to India	accommodation, per-diem) in NTD for visits from India to Taiwan	Total
1 <sup>st</sup>				
2 <sup>nd</sup>				

<b>3<sup>rd</sup></b>				
<b>TOTAL</b>				

3.4 Taiwanese side (other project/research costs)

<b>Year</b>	<b>Minor equipment(s) / accessories etc</b>	<b>Chemicals &amp; Consumables, if any</b>	<b>Man-power (project scientific staff)</b>	<b>Total</b>
1 <sup>st</sup>				
2 <sup>nd</sup>				
3 <sup>rd</sup>				
Total				

4. Research requiring authorizations or notifications

Indicate whether the proposed research includes:

	<b>YES</b>	<b>NO</b>
Humans, human tissue samples or individual medical data		
Vertebrates, decapods or cephalopods		
Pathogens or genetically modified organisms		
Human embryonic stem cells		

Please note that research on humans, human embryonic stem cells, vertebrates, decapods, cephalopods, pathogens and genetically modified organisms needs authorization and/or notification.

**PART-4 (For Indian partners only)**

1. List of on-going research projects with the Indian PI:

<b>Title of the project</b>	<b>Brief description</b>	<b>Duration with dates of commencement and completion of the project</b>	<b>Funding available and source of funds</b>

2. Infrastructure available/required to implement the project:

Facilities	List of items required for the project	If not available presently, how it is proposed to be procured/recruited. Please indicate the source of funding
Equipment		
Manpower		
Consumables and Contingencies		

3. Certified that the following Indian scientists SRF/JRF, Post-Docs are presently affiliated with the University/Institute and will be the official project participants for the entire duration of the project:

S.No.	Name of the project participant	Position held	From	To
1.				
2.				
3.				

4. Please mention Name/Address/Contact details including email address/ area of specialization of 3 possible peer-reviewers of the project proposal.

S.No.	Name and address of the expert	Contact details including email ID	Area of expertise / keywords

Signature of the Indian PI

## PROJECT SUMMARY

**(NOTE- This project summary should not exceed more than one page in any case)**

1. Programme/Scheme applied for -
2. Project Title -
3. Project Participants -

Indian side	Taiwanese Side

4. Broad objectives of the Project-

5. Methodology to be adopted-

6. Likely out-puts of the project-

7. Are any IPR/Security-sensitivity/GMO/ transfer of biological material aspects involved in the project proposal?

8. Justification/ need for foreign collaboration-

9. Break-up of financial support asked for –

(Signature of the Indian PI)