



## **IGSTC Call for Joint Research and Development Proposals 2014: 2+2 Mode of Partnership between India and Germany**

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### **1 About IGSTC**

Indo-German Science & Technology Centre (IGSTC) established by the Department of Science and Technology (DST), Government of India, and the Federal Ministry of Education and Research (BMBF), Germany to facilitate Indo-German R&D networking through substantive interactions among government, academia/research system and industry to foster innovation and application for the overall economic and societal developments of both the countries. The Centre envisions to:

- advance industrial research partnership with mutuality of interest and respect
- create a platform for cross fertilisation of ideas
- develop knowledge networks for industrial sectors to enhance competitiveness
- establish joint knowledge pools to address global challenges and
- serve as a Nerve Centre to promote Indo-German technology partnership

### **2 Partnership Model & Thematic Area**

IGSTC intends to catalyse innovation-centric R&D projects by synergising the strength of research/academic institute and public/private industry from India and Germany. This call for proposals is aimed at supporting joint R&D&I projects of industrial relevance by means of "2+2 partnership"<sup>1</sup> in the following thematic area of mutual interest:

**Medical Technology including Diagnostic Tools**  
(clinical trials and drug development to be excluded)

### **3 Basic Principles**

Project should be proposed involving both Indian and German partners. Each project will be implemented by Principal Investigators from all partners. Joint team may decide about one PI as coordinator, who will finally submit the pre-proposal in consultation with all partners. Written consent of all partners should be obtained.

Project proposal is expected to produce insight and exploitable research results leading to new technologies, products and / or services. The benefits of partnership should be clearly identifiable.

Project proposal should ensure that all the project partners contribute to and benefit from an equitable and balanced cooperation with adequate protection for intellectual property rights used in and generated during the joint efforts.

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<sup>1</sup> "2+2 partnership" refers to projects with the participation of at least one German and one Indian research institution as well as one German and one Indian industry partner

IGSTC will execute a two-step evaluation process, conducted by an international scientific review committee. Applicants have to submit a pre-proposal first and will be asked to submit the full proposal if they are evaluated positively. Each evaluation step might take up to two to three months. The projects which are finally selected will be supported by IGSTC for a maximum period of three years. Please see the basic guidelines for further details.

## 4 Financial Support

Funding is provided in the form of non-repayable grants amounting about € 400,000 per project from German side to the German partners, and INR 230 Lac from Indian side to the Indian partners for a period of up to three years, to cover costs for staff and other costs. The entire project funding would be provided under the umbrella of Indo-German S&T Centre (IGSTC). Financial support for the Indian component would be released by IGSTC in India directly and financial support for the German component would be released through IB-BMBF in Germany.

**Indian Partners:** 100% of the eligible costs in the form of grant to Institutional Partner (research/academic) and up to 50% of the eligible costs in the form of grant to Industrial Partner. However, the maximum grant amount to the Indian industrial partner will be limited to INR 50 Lac.

**German Partners:** 100% of the eligible costs in the form of grant to Institutional Partner (research/academic) and 50% of the eligible costs in the form of grant to Industrial Partner.

Research establishments which receive joint basic funding from the Federal Government and the Lander can be granted project funding to cover additional expenditure under certain conditions only.

## 5 Eligible Costs

- Costs for personnel involved in the project
- Specific equipment / demonstration unit / pilot plant including software licensing for the project (equipments that are not part of the applicant's basic equipment)
- Consumables / Materials
- Mobility Costs (international Travel and domestic Travel). Longterm exchange visits of young researchers are encouraged.
- Networking Events (organising project related workshops / brain-storming meetings)
- Outsourcing / Subcontract
- Contingency
- Overhead

Indian Partners: Contingency and overhead amounts should be limited to 5% and 10% of eligible cost, respectively. In this case cost of equipment should not be included in calculating total eligible costs. Industry partner is not eligible for overhead cost.

German Partners: In accordance to German funding procedures cost based proposals will be able to ask for overhead, whereas German universities are eligible for 20 % "Projektpauschale".

## 6 Evaluation

The pre-proposals will be evaluated by a Joint expert committee including project management team. The evaluation process will consider

- Compliance to the thematic area of the call
- Novel innovative research within the scientific scope
- Scientific merit and feasibility of the project, taking into account state of the art
- Scientific credentials and global competitiveness of the project partners
- Level of contribution of each partner / collaborative interaction and added value of the consortium
- Innovative potential for industrial application (prospects for commercial success / commercial exploitability)
- Support of young scientists

## 7 Who can apply

Applicants from research organisations, state and non-state institutions of higher education, universities, non-university research institutions, and public or private companies having R&D bases (i.e. DSIR recognition for in-house R&D in case of Indian industry partner) are eligible to submit applications.

Applicants should be in regular positions only.

An Indian / German company is defined as one which is registered in the respected country with 51% or more ownership held by the respective countries citizens.

## 8 Other requirement

### 8.1 German applicants:

In their own interest, applicants should familiarise themselves with the EU's Research Framework Program in the context of the envisaged project. They should check whether the planned project includes specific European components which make it eligible for exclusive EU funding. Furthermore, they should check whether an additional application for supplementary funding can be submitted to the EU for the proposed national project. The results of these enquiries should be described briefly in the national project application.

The "Nebenbestimmungen für Zuwendungen auf Kostenbasis des BMBF an Unternehmen der gewerblichen Wirtschaft für Forschungs- und Entwicklungsvorhaben" (Auxiliary Terms and Conditions for Funds Provided by the BMBF to Commercial Companies for Research and Development Projects on a Cost Basis – NKBF g8) will be part of the funding contract for grants on a cost basis. The "Allgemeine Nebenbestimmungen für Zuwendungen zur Projektförderung" (General Auxiliary Conditions for Grants Provided for Projects on an Expenditure Basis – ANBest-P) and the "Besondere Nebenbestimmungen für Zuwendungen des BMBF zur Projektförderung auf Ausgabenbasis" (Special Auxiliary Terms and Conditions for Funds Provided by the BMBF for the Promotion of Projects on Expenditure Basis – BNBest-BMBF g8) will form part of funding contract of grants on an expenditure basis.

Grants for commercial companies are calculated on the basis of the project-related costs eligible for funding, up to 50% of which can as a rule be covered by grants, depending on the project's orientation towards application. The BMBF's policy requires the applicants to make an appropriate contribution – at least 50%, as a rule – towards the eligible costs incurred. Grants for universities, research establishments and similar institutions are calculated on the basis of the eligible project-related expenditure or, in the case of the Helmholtz centres and the Fraunhofer Gesellschaft (FhG), on the basis of the eligible project-related costs which can be funded by a maximum of 100%.

The European Commission's Community Framework for State Aid for Research and Development must be taken into account when determining the rates of funding from German side.

## **8.2 Indian applicants:**

The private company is required to make an appropriate contribution – at least 50%, as a rule – towards the eligible project costs. Remaining funding up to 50% of the projected cost (with a limit of INR 50 Lac) can be supported as a grant (on prevailing terms and conditions), depending on the project's orientation towards application. Grants for universities, research establishments and similar institutions are calculated on the basis of the eligible project-related expenditure which can be funded by a maximum of 100%.

## **9 Procedure**

It is recommended that applicants contact IGSTC Secretariat in India or Germany prior to submitting the application.

The contact addresses are:

### INDIA

Dr. P.V. Lalitha  
Indo-German Science and Technology Centre (IGSTC)  
Phone: + 91 124 492 9407  
Email: [lalitha@igstc.org](mailto:lalitha@igstc.org)

### GERMANY

Dr. Martin Goller / Jan Palkoska  
German Aerospace Centre  
European and International Collaboration  
Phone: + 49 228 3821 1407 / 1420  
Email: [martin.goller@dlr.de](mailto:martin.goller@dlr.de) / [jan.palkoska@dlr.de](mailto:jan.palkoska@dlr.de)

IGSTC will execute a two-step evaluation process. IGSTC will inform applicants who succeeded in the first round around mid of August. The full proposal has to be sent in by end of September. Details will be given to the successful applicants.

Provision will be made available for a visit to India / Germany by the PI / PI's, if such need is expressed for preparation of the full proposal.

## **10 Submission of Proposals**

The project proposal should be submitted online using PT-Outline:

<https://www.pt-it.de/ptoutline/application/IGSTC14>

The detailed Project Description should be as per the format. You can download the format as a word document from the IGSTC website ([www.igstc.org](http://www.igstc.org)).

**Applications submitted not in the specified format and / or specified number of pages will not be accepted.**

Application must be submitted no later than **04.08.2014** (postmark).

The submission deadline is not a cut-off deadline. However, it may prove impossible to consider project proposals received after this date. No legal claims can be derived from the submission of a proposal.

A hard copy of each application with the signatures of all PI's has to be sent to:

**Dr P. V. Lalitha**

Indo-German Science and Technology Centre (IGSTC)

Plot No. 102, Institutional Area

Sector 44, Gurgaon – 122003

INDIA

## **11 Entry into force**

These funding regulations will enter into force on the day of their publication in the Federal Gazette (Bundesanzeiger) and the IGSTC website.

## IGSTC Call 2014 Short Application Format for Pre-Proposal

Title of Proposal (in English):

Title of Proposal (in German):

Acronym:

Duration:      Start: \_\_\_\_\_                      End: \_\_\_\_\_

Summary (maximum 1.000 characters)

**Financial Overview (for total project duration)**

*(Please give a rough estimate. Indian partners should project the financial figures only in INR in Lac; German partners should project the financial figures only in Euro. Industry should project the total financial requirement, up to 50 % of which to be supported by IGSTC as per article 4 of Basic guidelines).*

Name	German Partners (EUR)		Indian Partners (INR Lac)	
	research	industry	research	industry
Personnel				
Consumables				
Equipment				
Travel & Hospitality				
Other				
Network Meetings*	10.000		8.0	
Contingency/overhead				
<b>TOTAL</b>				

\*it is expected that all partners meet at least once per year in person either in India or Germany.

**German Academic Partner:**

Institution:	
Division/institute:	
Address (Street, POB):	
Zip Code, City:	
Head of Project:	Phone :
E-Mail:	Fax:
Homepage:	

**German Industrial Partner:**

Company:	
Division:	
Address (Street, POB)	
Zip Code, City	
Head of Project:	Phone :
E-Mail:	Fax:
Homepage:	

**Indian Academic Partner:**

Institution:	
Division/institute:	
Address (Street, POB):	
Zip Code, City:	
Head of Project:	Phone :
E-Mail:	Fax:
Homepage:	

**Indian Industrial Partner:**

Company:	
Division:	
Address (Street, POB):	
Zip Code, City:	
Head of Project:	Phone :
E-Mail:	Fax:
Homepage:	

*(Please copy table if more partners are to be involved. No more than six partners)*

**Project Description** (use Arial 11)

1. Current state of the art in the field (1 page max, including citations)
2. Main objectives of the research approach (bullet points)
3. Project description including expected outcome/deliverables (max. 5 pages)
4. Work packages, time schedule (milestones) indicating the involvement of the partners in each work package.

WP	Description	Period in Month	Partner

5. Reasons for and benefits of cooperation for each partner (Incl. previous collaboration with the partner country, potential applicability) (max 1 page for all)
6. Involvement of young scientists / research scholars (max ½ page)
7. Equipment (In case you want to purchase equipment, please explain briefly the purpose).

**Appendices**

1. Experience of the principal investigators: CV + the **FIVE (NOT MORE)** most important publications of each partner in the research field within the last five years (max. 1 page per partner)
2. Brief company profile with emphasis on research activities (max 1 page)
3. Name and address of Indian or German subcontractors (if applicable)
4. Name and address of up to six potential international reviewer

**Signatures of Principal Investigators**

German Academic Partner

Indian Academic Partner

\_\_\_\_\_

(Date, Name)

\_\_\_\_\_

(Date, Name)

\_\_\_\_\_

(Seal of Institution)

\_\_\_\_\_

(Seal of Institution)

German Industrial Partner

Indian Industrial Partner

\_\_\_\_\_

(Date, Name)

\_\_\_\_\_

(Date, Name)

\_\_\_\_\_

(Seal of Institution)

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(Seal of Institution)