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## DFG (German Research Foundation) & DST (Department of Science and Technology)

### General Information

Based on the DFG-DST Memorandum of Understanding (MoU) signed in October 2004 and the Programme of Cooperation (PoC) subsequently signed in November 2006, DST and DFG intend to invite new joint research proposals in fields covered by both funding agencies for support under the Indo-German (DST-DFG) programme. The programme complements other existing Indo-German scientific exchange programmes by offering more substantial funds for outstanding Indo-German research projects including exchange visits.

The joint research project proposals shall be prepared jointly by collaborating researchers from both countries. The proposals will be evaluated independently on both sides by a peer review system on the basis of scientific quality, merit of the scientific cooperation and on the composition of the project teams.

Proposals for support of only mobility of scientists/ training programmes will not be considered.

### 1. Eligibility

#### 1.1. Researchers

##### **India:**

Faculty, scientists and academicians belonging to universities, deemed universities and research institutes having a permanent position can apply as a Principal Investigator (PI).

##### **Germany:**

Researchers in Germany who have completed their academic training (a doctorate as a rule) are eligible to apply for DFG research grants.

Researchers who are employed at non-university research institutions should note the special requirements stated in the guidelines

[http://www.dfg.de/forschungsfoerderung/formulare/download/1\\_02e.pdf](http://www.dfg.de/forschungsfoerderung/formulare/download/1_02e.pdf)

## 1.2. Proposals

Only joint proposals from applicants based in India and Germany are eligible. A **joint application** is to be submitted simultaneously to DST and to DFG (see 3. Application Procedure below). The joint proposal should contain a working plan, distinguishing the tasks of the involved Indian and German research groups and how the cooperation will be organised. For the requested budget, separate information for the Indian and German sides are necessary. Both budgets should be shown in a diagram in order to get an overview at a glance. The applicants should also describe the added value of the cooperation, i.e. the special benefit resulting from the cooperation of German and Indian groups. Furthermore the costs need to be carefully justified and derived from the working programme.

## 2. Administrative and financial information

### 2.1. Content information

The proposal should contain no more than 15 pages. Short CVs and lists of the five most important publications of the German and Indian project leaders should be included. A brief description of the scientific background of all involved researchers to be financed within the project is requested. Identical versions of the proposals should be sent to both DST and DFG each in two (DFG) / six (DST) paper copies and simultaneously in electronic form, preferably as pdf (if not rtf) document.

### 2.2. Funding

Grants will be offered towards project specific costs, consumables, travel and living costs (for usually four visits from each side during the duration of the project). No funding will be available for already existing collaborative projects where travel and living costs are financed by other sources.

Only **10 (ten)** joint research proposals shall be supported under this call.

The sending side will bear the travel costs (incl. overseas medical insurance) between the home institution and the respective host institution in India and Germany, while the receiving side will provide local hospitality according to the respective rates.

### Rates for local hospitality

#### DST (India) for German Scientists visiting India:

Rs 1000/- per diem for visits up to one month (30 days)

Rs 700/- for each additional day

(Actual cost for guest house accommodation will be met by DST for the entire duration of stay)

#### DFG (Germany) for Indian Scientists visiting Germany:

EUR 2300/2100/1128 (senior scientists/ post-doc/ young scientists ie Ph.D students) per month (30 days)

EUR 104/95 per-diem for a stay during less than 22 days

(These per-diem rates are inclusive of accommodation charges)

### 2.3. Project duration

Maximum 3 years.

### Application procedure

The joint proposals are to be submitted simultaneously by the Principal Investigators to the respective funding institution (DST in India and DFG in Germany). The final decision will be made jointly by DST and DFG given the availability of funds on both sides.

Support for the individual parts of the joint bilateral research project must be in accordance with the national regulations and the guidelines of the respective funding institution.

DST and DFG do not provide earmarked funds for international cooperation with any country. All proposals will be processed competitively within the individual project funding scheme.

Please use the **Proposal Formats I & II (summary sheet)** as below:

#### India (DST):

Applications are to be submitted to:

Shri R K Sharma, Scientist-C,  
International Division (Room No 4 B, Adm. Block)  
Department of Science and Technology, Technology Bhavan,  
New Mehrauli Road,  
New Delhi-110 016,

along with a softcopy in a single mword or pdf file (not scanned) of the application as attachment to [sharma\\_rk@nic.in](mailto:sharma_rk@nic.in)

#### Germany (DFG):

In addition, please refer to the guidelines for individual projects (Sachbeihilfen)

[http://www.dfg.de/forschungsfoerderung/formulare/download/1\\_02e.pdf](http://www.dfg.de/forschungsfoerderung/formulare/download/1_02e.pdf)

and send the application to:

Dr. Priya Bondre-Beil,  
Deutsche Forschungsgemeinschaft (German Research Foundation),  
International Affairs,  
Kennedyallee 40,  
D-53175 Bonn

[priya.bondre-beil@dfg.de](mailto:priya.bondre-beil@dfg.de)

Deadline for receipt of application: 31<sup>st</sup> July 2009

Completion of evaluation by both sides: 31<sup>st</sup> January 2010

Joint discussions for final short listing the proposals: 15<sup>th</sup> Feb 2010

Likely start of the projects: 15<sup>th</sup> March 2010

## **Proposal Format I**

### **1. General information**

#### **1.1. Project participants and cooperation partners**

**1.1.1. Names and addresses of German and Indian principal investigators**

**1.1.2. Names and addresses of other Indian and German researchers involved**

#### **1.2. Topic**

Please give a brief and precise description of the project, not exceeding 140 characters.

#### **1.3. Research area and field of work**

Please include your discipline and your field of specialization.

#### **1.4. Anticipated total duration**

Please state the period for which funding is requested (max. 3 years)

#### **1.5. Summary**

Please summarise the main goals of the project in a generally understandable manner. This should not exceed 20 lines.

### **2. State of the art, preliminary work**

#### **2.1. State of the art**

Please explain briefly and precisely the state of the art in your field in its direct relationship to your project as the starting point for your own work, quoting the most important relevant work of other scientists.

#### **2.2. Preliminary work in the field**

Please summarise the most important results of relevant previous work by yourself and, if applicable, by both Indian and German groups.

### **3. Objectives and work schedule**

#### **3.1. Objectives**

Please give a concise description of the scientific programme and the Scientific objectives. Furthermore, please explain the synergistic effects you expect from the German-Indian cooperation within your project.

Please indicate if your expected results are relevant to other fields.

### 3.2. Work schedule, methods, timeline (*specific to scientific area*)

Please provide a detailed description of the methods that you plan to use in the project: Which methods are already available? Which methods need to be developed? Please give a detailed account of the steps planned during the proposed funding period.

The work schedule should clearly state why the funds are needed and how they will be used, providing details on individual items where applicable.

## 4. Funds requested

*Please provide separate budgets for the Indian and German working group, respecting the individual guidelines.*

### 4.1 Budget of Indian applicants

#### Indian side

##### A. Project Cost (in INR only)

	Minor Equipment (specify name of the equipments)	Consumable/ Contingency (specify consumables asked for)	Manpower (please specify scientific manpower asked for)	<b>Total</b>
1 <sup>st</sup> year				
2 <sup>nd</sup> year				
3 <sup>rd</sup> Year				
<b>Total</b>				

##### B. Mobility Cost (in INR only)

	Travel (including visa, medical insurance, domestic travels related to intl. travel) <b>for Indian scientists</b>	Per-diem expenses for German Scientist (as per norms specified above)	Guest house Accomodation Charges for German scientists (rate*duration)	<b>Total</b>
1 <sup>st</sup> year				

2 <sup>nd</sup> year				
3 <sup>rd</sup> Year				
<b>Total</b>				

### German side

#### A. Project Cost (in Euro only)

	Minor Equipment (specify name of the equipments)	Consumable/ Contingency (specify consumables asked for)	Manpower (please specify scientific manpower asked for)	<b>Total</b>
1 <sup>st</sup> year				
2 <sup>nd</sup> year				
3 <sup>rd</sup> Year				
<b>Total</b>				

B. Mobility Cost (in Euro only)

	Travel to India (including visa, medical insurance, domestic travels related to intl. travel) for German scientists	Per-diem expenses for Indian Scientists visiting India (as per norms specified above)	<b>Total</b>
1 <sup>st</sup> year			
2 <sup>nd</sup> year			
3 <sup>rd</sup> Year			
<b>Total</b>			

**4.2.1 Staff costs**German side:

If you are applying for replacement costs, please include information relating to the nature of the proposed replacement regulations and their costs, as well as the duration of the research period applied for. In the work schedule, please state why a leave would be necessary in order to carry out the research project.

For research staff:

- a) For all research staff to be paid according to the salary scales TV-L, BAT or MTArb (east or west), please state:

- ⇒ how long he/she will be employed in the project
- ⇒ at which wage level (TV-L, BAT or MTArb east or west)

- b) For research assistants (with a degree) and student research assistants (without a degree), please state:

- ⇒ how long he/she will be employed in the project
- ⇒ the number of hours per month

An important criterion for the approval of funding for student research assistants is their qualified involvement in the project. This must be justified in the proposal.

For the personnel costs, please use the average salaries according to DFG regulations.

Please give a brief description of the tasks referring to the working programme for each person to be paid by DFG support. Describe also the period of the involvement in the project.

#### Indian side:

The standard norms of Govt of India (UGC/CSIR/ICMR etc) shall apply for appointment / recruitment of research staff under projects

#### **4.2.2 Scientific instrumentation**

German side:

- a) All requested instrumentation costing *more than €10,000* per item (purchase price including VAT and other expenses) will generally be purchased by the DFG if the proposal is approved. Please list the information and prices as follows, and mark the relevant items in the offers (which must also be enclosed).

Please explain why this instrumentation is essential to the project and justify its necessity in relation to the core support furnished by the institution. Requested instrumentation must be described in sufficient detail (i.e. technical specification) to assure that the capabilities meet the requirements described in the work schedule (e.g. measuring field, resolution, sensitivity, etc.). In addition, please justify the need for the accessories as requested. The technical specifications should be given precisely for the DFG to be able to purchase it without needing to make further enquiries.

Please state the total period of instrumentation use in the scope of the proposed research project and, where applicable, possible use by other scientists.

Please obtain information about the instrumentation on the market that meets the required specifications. The models that you are considering should be compared in terms of their suitability for the project, stating the manufacturer, accessories, performance and price. Please submit relevant comparable offers. Your preference should be explained in detail, especially if there is only one model that you regard as suitable for your purpose. In addition to the technical data and the price, other aspects such as the availability of equipment in the university department, your experience with similar instruments, the exchange of measuring programmes, issues relating to technical maintenance, etc., may also play a role in selecting the appropriate model. If the choice of equipment is not explained in detail, the DFG will make the selection based solely on price.

If you request instrumentation costing more than €50,000, the DFG expects you to include a formal statement that the maintenance/running costs and installation have been clarified with your host institution prior to submitting the proposal.

If existing instrumentation and computing facilities required by your project are only accessible to you by paying a fee, please quote these costs and give details.

Indian side:

DST do not provide funding for major equipments under bilateral International collaborative projects. The main emphasis of International collaboration is to provide international linkages for the projects by way of supplementing the on-going national efforts. Hence it is expected that necessary equipment and civil infrastructure for implementing the projects are available with the institutes/universities implementing the projects. However, incremental grants for some minor equipment, accessories can be considered on case to case basis.

**4.2.3 Consumables**

Please list and explain the need for each individual item (e.g. chemicals, glassware, etc.).

**4.2.4 Travel**

Costs for travels of the participants of the project required for the realisation of the scheme, for the invitation of foreign guest scientists and for the organisation or visit of workshops and conferences. Financial support for organisation of workshops, seminars etc under the projects is not covered under the scheme.

**4.2.5 Publication expenses**

(only for German side)

Please state whether you wish to apply for publication funds (max. €750 per year) in the scope of the project

**4.2.6 Other costs**

(only for German side)

E.g. services rendered by third parties, compensation for test persons, laboratory animals (species and number), documentation and scientific literature, project-specific software, etc.. Please explain the need for each individual item.

**4.3 Overview of requested budget**

	<b>Indian</b>	<b>German</b>
Personnel costs		
Equipment		
Consumables		
Publication costs	XXXXXX	
Travel costs		
Other costs (details to be given)	XXXXXX	
Indirect costs	XXXXXX	XXXXXX
<b>Total</b>	<b>Rs.</b>	<b>€</b>

## 5. Prerequisites for carrying out the project

What resources, including other third-party funding, do you anticipate will be available to you for this project (excluding the funding requested in this application)? What other conditions have been met?

## 6. Declarations

### 6.1 Declarations for Indian applicants

- List of on-going research projects with the Indian project participants:

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

- Infrastructure already available with the institute to implement the project:

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

- Certified that the project **involves / does not involve** (i) Biological Material Transfer / Use of GMOs / Radioactive materials; (ii) Human / animal trials. The institute would submit necessary clearance of nodal agency / department of Govt, if the project is approved.
- Please mention Name/Address/Contact details including email address/ area of specialization of 3 possible peer-reviewers of the project proposal.

## 6.2 Declarations for German applicants

If you have submitted the same request for funding to **other institutions**, please mention this here. The same applies if larger instruments, as listed under section 4.2, have been, or will be, requested from other sources (e.g. according to the *Hochschulbauförderungsgesetz* or within a Collaborative Research Centre).

If this is not the case, please include the following statement:

"I have not requested funding for this project from any other sources. In the event that I submit such a request, I will inform the Deutsche Forschungsgemeinschaft immediately."

If you work at a **university that is member of the DFG**, you should inform your university's DFG liaison officer about this application and mention this here.

If you work at a Max Planck institute, please inform the head office of the Max Planck Society about this application and mention this here.

## 7. Signatures

The proposal needs to be signed by the Indian and German Principal Investigators as well as respective Heads (optional for German side) of the Institutions/Universities.

**Signatures of the Project Co-Investigators and Heads (optional for German side) of the Institutions/Universities**

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India

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Germany

## Proposal Format II

(Summary-sheet of the joint proposal to be used as cover page of the project document)

DFG proposal ID:

DST proposal ID:

### Main Indian applicant (PI India):

Title, surname, first name:

Institution (name and address):

### Main German applicant (PI Germany):

Title, surname, first name:

Institution (name and address):

### Information on the joint project proposal:

**Title of joint project:**

Date of submission to DFG:

Intended start:

Duration:

Date of submission to DST:

Keywords:

Abstract of joint project ( maximum 15 lines):

Statement of the cooperation reasons:

*(Please describe: the results of joint preliminary work; what scientific interest both parties have in the project; quality and added value of scientific cooperation; whether complementary expertise will be available)*