

**INDIA-GERMANY (DST-DFG) JOINT CALL-2016: RECOMMENDED PROJECTS**

<b>S.N O</b>	<b>Project Title</b>	<b>Indian PI</b>	<b>German PI</b>
1.	<b>Electrospun Nanofibers with Embedded Yolk-Shell Particles for Catalytic Applications</b>	<b>Dr. Bhanu Nandan</b> Assistant Professor Department of Textile Technology, Indian Institute of Technology Delhi, New Delhi 110016, India	<b>1. Dr. Andriy Horechyy</b> Research Scientist and Group Leader <b>2. Prof. Andreas Fery</b> Head of the Institute of Physical Chemistry and Polymer Physics
2.	<b>Rational development of regioselective difunctionalization of arenes using carbonxyates as deciduous directing groups</b>	<b>Dr. Debases Koley ,</b> Associate proff. Department of chemical science, Indian institute of education and researches(Kolkata)	<b>Proff. Lukas</b> Chemie-organiche chemie D-67663(Germany)
3.	<b>Chemo-enzymatic synthesis of multivalent dendritic architectures for the control of neurodegenerative disorders</b>	<b>Dr. Sunil K. Sharma</b> Professor Department of Chemistry University of Delhi (DU) Delhi 110007	<b>Dr. Rainer Haag</b> Professor Institute of Chemistry & Biochemistry Freie University Berlin (FUB) Takustr. 3, 14195 Berlin
4.	<b>Magnetic and dielectric studies on the room temperature magnet SrRu2O6 and its doped variants</b>	<b>Dr. Sunil Nair</b> Assistant Professor (Physics) Department of Physics, Indian Institute of Science Education & Research, Pune Dr. HomiBhabha Rd, Pune 411 008 INDIA	<b>Dr. Rüdiger Klingeler</b> Kirchhoff Institute of Physics Heidelberg University INF 227, D-69120 Heidelberg
5.	<b>Metal Nanoclusters in Nanoscience Applications</b>	<b>Prof. Sandeep Verma,</b> Department of Chemistry, IIT Kanpur, India	<b>Dr. Marx Andreas</b> Department of Organic Chemistry University of Konstanz Germany

6.	<b>Stimuli responsive microgels with covalent and dynamic ionic crosslink: chemical design and behavior in aqueous solution.</b>	<b>Dr.Nikhil K. Singha</b> Professor Rubber technology center, IIT Khragpur-721302	<b>Dr.Andrij Pich</b> Professor DWI lebniz institute for interactive material and macromolecular chemistry. Aachen, Germany
7.	<b>Atmospheric heating in low-mass solar-like stars: A Multi-wavelength study of stellar atmospheres using ASTROSAT and TIGRE</b>	<b>Dr. Lalitha Sairam</b> INSPIRE Faculty Indian Institute of Astrophysics Koramangala, Bengaluru India	<b>Prof. Jürgen Schmitt</b> Professor Hamurger Sternwarte Koramangala, Bengaluru Universit`at Hamburg, Hamburg Germany

The above proposals have been recommended by the Joint Committee in its meeting held on 23<sup>rd</sup> November 2016, based on the evaluation by the subject expert committees from both sides.

The Indian Project Investigators are requested to submit the enclosed check list( Annexure-I), bank details (Annexure-II) and Budgetary details as proposed in the project with sufficient justification for processing the individual cases for sanctioning the Projects from DST side. The documents submitted by post to the following address.

Dr. Chadaram Sivaji  
Scientist – F  
International Bilateral Cooperation Division  
Department of Science & Technology  
Ministry of Science and Technology  
Government of India  
Technology Bhavan, New Mahrauli Road  
New Delhi – 110016  
Email: [sivaji@nic.in](mailto:sivaji@nic.in)

**C H E C K L I S T**

1. Title of the Project :
2. Initiating Institute of project :
3. Sponsoring Agency/Ministry :
4. Total cost of the project :  
Nature and Quantum of foreign  
Collaboration sought
  - (i) Financial support: :
  - (ii) Equipment support :
  - (iii) Technical support :
  - (iv) Manpower training :
  - (v) Miscellaneous :
5. Is there any possibility, however remote of use of data, information of result of the work which may impinge on India's national security? If yes, the nature of such a use may be indicated. (In case the concerned scrutinizing Ministry do not have clear answer, the matter should be referred to the DRDO and MHA for examination).

**II. ORIGIN OF THE PROJECT AND ITS SPONSORS:**

6. If the proposal is foreign-originated, what is the background of the foreign agency or organization which is sponsoring the project? Information available, if any on past collaboration by foreign agency with Indian Institution.
7. Are the foreign agency, organization, scientists concerned, known to have taken up any project of military significance in the past or are known to be associated with any military organization or project? (if the above information is not known or if there is definite information that there is no such association, these should be clearly indicated).
8. Is the proposer (Indian) known to the foreign collaborator and his group for some time and has this emerged naturally from the research work done by the two sides?

### III. FUNDING OF THE PROJECT

9. Is the foreign source know to have funded research into sensitive and national security areas in its own country or in other countries?
10. Are there reasons to believe that the foreign source is a cover name for some other sponsor?

### ADMINISTRATION AND CONTROL OF THE PROJECT

11. Give a list of the likely places of visit : within the country planned by the foreign collaborator. Also give a list of the institutions which the collaborator is likely to visit.
12. Will any sensitive source material be referred to during the course of the research?
13. (I) Does the collaboration involve
  - a) Transfer of biological material(s) :
  - b) Use of radioactive materials :
  - c) Use of environmentally or otherwise : hazardous material(s)
  - d) Use of Genetically Modified Organisms :
  - e) Field trials or testing :
  - f) Ethical issues :
  - g) Issues related to Intellectual Property Rights (IPR) :
14. If answer to any section of question : 13 is yes, are the investigators/ proposers aware of the relevant regulations and have they agreed to abide by them?
15. Will the research be conducted in : accordance not only with the country's own ethical and environmental standards, but with international standards as well?

Signature with date of the Principal Investigator

Signature with date and seal of Head of Department/ Institute

**PROJECT SUMMARY**

1. Project Title:
2. Total cost of the project (Indian side) (in Rs.):
3. Duration of the Project.
4. Project Investigators (PIs) and Co-Investigators:
  - 4.1 Indian PIs
  - 4.2 Foreign
5. Other Project participants:
  - 5.3 Indian
  - 5.2 Foreign
6. Implementing Agencies / Institutions:
  - 6.1 Indian
  - 6.2 Foreign
7. Sponsoring Agency / Department / Ministry
  - 7.3 Indian
  - 7.2 Foreign
8. Administrative Ministry in Government of India:
9. Has the Project been cleared by Secretary of the Administrative/  
Sponsoring Ministry/Department from security/sensitivity angle?:  
Yes/No
10. If answer to (9) above is 'No', then does the Administrative/  
sponsoring Ministry/Department recommend the Project to  
be considered by High Level Committee of Secretaries?  
Yes/No

Signature of the concerned Officer  
in the Administrative/Sponsoring  
Ministry/Department

International Cooperation Division  
Department of Science & Technology  
Bank details for transfer of DST fund electronically

Agency name as registered with DST CPMS	
Agency Code as per CPMS	
Account Holders name/ designation	
Name of Bank and address	
Saving Bank Account Number	
IFSC Code	
MICR Code	

I do hereby certify that the above mentioned account is an interest bearing account and I take all responsibility for declaring the interest so accrued on the released grant from DST in the SE/UC to be furnished to DST.

**Signature of Finance Authority with seal**

(Please note that Agency name and Account holders name should be identical.)