



IGSTC Call for Joint R&D+I Project Proposals 2017 2+2 Mode of Partnership between India and Germany

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 facilitates Indo-German R&D networking through substantive interactions among government, academia/research system and industry to foster innovation 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
- Serve as a nodal centre to promote Indo-German technology partnership

2 Partnership Model and 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 Mode of Partnership”¹ in the overall thematic area:

“Advanced Manufacturing and New Materials”

with the subtopics:

- Industry 4.0 (new human-machine interaction processes/digital and cloud manufacturing)
- Machine building (low cost sub-systems/components for improved precision, reliability, productivity)
- Process technologies for new materials including nanomaterials
- Light weight design and processes

It is expected that the proposed project ideas are in the Technology Readiness Level - 4 (TRL - 4). For any further information, please refer to:

https://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/annexes/h2020-wp1415-annex-g-trl_en.pdf

3 Basic Principles

Project should be proposed involving both Indian and German partners. Each project will be executed by the Principal Investigators (PI) from all the partners. Joint team may select one PI as the coordinator, who will finally submit the First Stage Proposal in consultation with all partners. Written consent of all partners should be obtained.

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

¹ “2+2 Mode of 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

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.

IGSTC will execute a two step evaluation process by a Joint Scientific Committee. Applicants have to submit a First Stage Proposal first and will be asked to submit the Second Stage Proposal if their proposal is evaluated positively. Each evaluation step might take up to two to three months. The projects which are finally selected will be supported by IGSTC usually for a maximum period of three years.

4 Financial Support

Funding is provided in the form of non-repayable grants amounting about € 450,000 per project to the German partners, and INR 230 Lakhs to the Indian partners for a period of up to three years, to cover costs for personnel and other costs. An additional funding period of up to two years may be granted in exceptional cases. The entire project funding would be provided under the umbrella of Indo-German Science & Technology Centre (IGSTC). Financial support for the Indian partners would be released by IGSTC in India and financial support for the German partners would be released through DLR-PT 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 Lakhs.

German Partners: 100% of the eligible costs in the form of grant to institutional partner (research/academic) and usually 50% of the eligible costs in the form of grant to industrial partner (for details, see German Call text). For the research establishments, which receive basic funding from the Federal or State Governments, project funding to cover additional expenditure can be granted only under certain conditions.

5 Eligible Costs

- Costs for personnel involved in the project
- Specific equipment / demonstration unit / pilot plant including software licensing for the project (equipment that is not part of the applicant's basic equipment)
- Consumables / materials
- Mobility costs (international/domestic travel and hospitality cost). Long term (up to three months) exchange visits of young researchers are encouraged.
- Networking events (organising project related workshops / brain-storming meetings)
- Outsourcing / subcontract
- Contingency
- Overheads

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 overheads, whereas German Universities are eligible for 20% "Projektpauschale".

6 Evaluation

IGSTC will execute a two step evaluation process. In the first step, all the First Stage Proposals will undergo an eligibility check by the project management team, followed by evaluation by a Joint Scientific Committee. 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
- Appropriateness and necessity of funds asked for

In the second step, all the shortlisted (successful) applicants will be requested to submit Second Stage Proposals. These Proposals will be evaluated again by a Joint Scientific Committee for their final recommendation for funding.

7 Who can Apply

Applicants from public and private non-profit research organisations, public and private institutions of higher education, universities, 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. The applicants should be holding a regular/permanent position. An Indian / German company is defined as one which is registered in the respective country with 51% or more ownership held by the citizens of the country. **Applicants already having an ongoing 2+2 project with IGSTC (on the Call deadline) are not eligible to apply.**

8 Other Requirements

German Applicants: Please see German “Bekanntmachung” in the “Bundesanzeiger”.

Indian Applicants: A 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 Lakhs) 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 to a maximum of 100%.

9 Contacts

It is recommended that applicants contact IGSTC Secretariat in India or Project Office Germany prior to submitting the application. The contact addresses are:

INDIA

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GERMANY

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10 Submission of Proposals

The project proposal should be submitted online using pt-outline: <https://secure.pt-dlr.de/ptoutline/app/igstc2017>

The project proposal should be submitted in the IGSTC format, which can be downloaded as a word document from the IGSTC website (www.igstc.org).

Applications not submitted in the specified format and/or not within the specified page limits will be rejected.

Application (via pt-outline) must be submitted no later than **13th February 2018**. The submission deadline is not a cut-off deadline. However, it may not be possible 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 PIs has to be sent to:

Dr P V Lalitha
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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.