



IGSTC Call for Joint R&D&I Project Proposals 2020 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), Government of Germany facilitates Indo-German R&D&I 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&I 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 **Additive Manufacturing** with subtopics

- New Materials for Additive Manufacturing
- Printed and Wearable Electronics
- Large scale Additive Manufacturing
- In situ Process Monitoring and Control
- 3D printing processes for biomedical devices and implants

The proposed projects should have already reached at least Technology Readiness Level 3.

3 Basic Principles

To apply applicants have to build a consortium consisting of one research / academic institute and one public / private industry from both of the countries. A maximum of three partners from each side is acceptable. Each consortium shall determine one coordinator. All correspondence of IGSTC will be channeled through the coordinator.

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. It is mandatory to use format given by IGSTC.

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 substantially 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 with the support of a Joint Scientific Committee. Each evaluation step might take up to three months. The projects which are finally selected will be supported by IGSTC initially for a maximum period of three years. An additional funding period of up to two years may be granted in exceptional cases.

4 Financial Support

Funding is provided in the form of grants amounting about € 450.000 per project to the German partners and ₹ 230 Lakhs to the Indian partners including overheads / Projektpauschale. The entire project funding will be provided under the umbrella of Indo-German Science & Technology Centre (IGSTC). Financial support for the Indian partners will be released by IGSTC in India and financial support for the German partners will 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 (with a limit of INR 50 Lakhs) to industrial partner.

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. Calculation of the funding quota has to consider the AGVO (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" in case it is a non-profit research project.

6 Evaluation

IGSTC will execute a two-step evaluation process. Initially First Stage Proposals will undergo an eligibility check by the project management team, followed by an evaluation by the Joint Scientific Committee.

In the second step, shortlisted consortia will be requested to submit a more detailed Second Stage Proposals. Consortia will be invited to present their project in front of the Joint Scientific Committee. Based on the written proposal and the presentation, the Joint Scientific Committee will give a final recommendation for funding.

The evaluation process will consider:

- Compliance to the formal criteria
- Scientific quality and originality of the project idea
- Feasibility of the project
- Scientific credentials and global competitiveness of the partners
- Level of contribution of each partner / collaborative interaction and added value
- Innovative potential for industrial application (prospects for commercial success / commercial exploitability)

7 Who can Apply

To apply, applicants have to build a consortium (minimum 4 partners) consisting of one research / academic institute and one public / private industry from both India and Germany. 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 are eligible to partner an application. Principal investigators should be holding a regular/permanent position. Applications from SME's are encouraged.

An Indian company is defined as one which is registered in India with 51% or more ownership held by the citizens of India. To be eligible Indian industry has to have DSIR recognition for in-house R&D.

German industry partner needs to have a branch office or a commercial unit in Germany.

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". "link"

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

For any clarifications, applicants may contact IGSTC Secretariat in India or Project Office in Germany at the following addresses:

INDIA

Dr P V Lalitha

Indo-German Science & Technology Centre

Phone: +91 124 4929 400

E-mail: lalitha.pv@igstc.org

GERMANY

Mr Hans Westphal

German Aerospace Centre (DLR)

Project Management Agency

Phone: +49 228 3821 1473

E-mail: Hans.Westphal@dlr.de

10 Submission of Proposals

The project proposal should be submitted online using pt-outline: https://ptoutline.eu/app/igstc_ind20igcz.

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 **25th February 2021 / 11:59 pm MEZ**. No legal claims can be derived from the submission of a proposal.

A **hard copy of each application with the original signatures** of all PIs has to be sent to:

Dr P V Lalitha
Indo-German Science & Technology Centre
Plot No. 102, Institutional Area
Sector - 44, Gurugram - 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.