

INDO-GERMAN SCIENCE & TECHNOLOGY CENTRE

A joint initiative by the Department of Science & Technology (DST), Government of India and the Federal Ministry of Education and Research (BMBF), Government of Germany to catalyse Indo-German strategic R&D partnerships



**2+2
PROJECTS**



MANDATE

Encourage PPP to promote innovation, applied research and industrial application

Create platform for cross fertilization of ideas

Serve as nodal centre to promote Indo-German technology partnerships

Nurture networking between young and mid-career scientists and technologists

Play a proactive role for participation of industry in R&D+I projects

R&D+I PROJECTS

2+2 PROJECTS

IGSTC intends to catalyse innovation centric R&D+I projects by synergising the strength of research/academic institutions and industry from India and Germany. 2+2 programme is aimed at supporting joint R&D+I projects of industrial relevance by means of "2+2 Mode of Partnership" i.e., involvement of at least one research/academic institute and one public/private industry from both the countries. Project calls are announced every year on specific thematic areas.

FUNDING

Indian side - ₹ 350 lakh
(includes ₹ 150 lakh for industry)

German side - € 500000
(includes funding for industry according to AGVO)

PARTNERS

Minimum 4
Maximum 6

TENURE

3 years

EXPECTED STARTING LEVEL

~ TRL 3

Phase 2 is an opportunity to selected 2+ 2 projects with promising results to apply for an extension up to two years with additional financial support to cover the gap between the validation in relevant environment and system qualification.

FUNDING

Indian side - ₹ 230 lakhs
(includes ₹ 100 lakhs for industry)

German side - € 330000
(includes funding for industry according to AGVO)

PARTNERS

To be led by an industry partner
One partner from both India & Germany

EXPECTED STARTING LEVEL

~ TRL 5

TENURE

2 years

EXTENSION PHASE OF 2+2 PROJECTS

FELLOWSHIPS

WOMEN INVOLVEMENT IN SCIENCE AND ENGINEERING RESEARCH (WISER)

WISER being first of its kind programme intends to build scientific capacity, retain and promote women researchers in India/Germany by utilising complementary expertise in science, technology, innovation and research partnerships. It invites proposals in paired mode from women researchers in India and Germany to foster innovation in the field of STEM.

ELIGIBILITY

Women holding a regular/long-term research position in academia or research institutes/industry

TENURE

3 years

NO AGE LIMIT

FINANCIAL ASSISTANCE


Indian awardee
₹ 39 lakh
German awardee
€ 48000

MODE

In paired mode
(Proposals from Indian and German women researchers)

RESEARCH STAY

up to one month/year in host country

 wiser@igstc.org

This fellowship is tailored for PhD students/researchers in S&T with appreciable track record and having aptitude for applied research and technology development. It is designed to provide exposure to researchers at an early stage of their career in a German industrial setup. Industrial fellowship is offered at two levels: PIEF for those pursuing their PhD and PDIF for those completed PhD within last 3 years.

PhD Industrial Exposure Fellowship (PIEF)

ELIGIBILITY


Pursuing and completed one year of PhD in science/engineering
Age Limit: 28 years

DURATION

3-6 months

FUNDING

€ 1500 per month + travel, visa and medical insurance

 industrial.fellowship@igstc.org

Post-Doctoral Industrial Fellowship (PDIF)

ELIGIBILITY

PhD awarded within last 2 years in science/engineering
Age Limit: 35 years

DURATION

6-12 months

FUNDING

€ 2500 per month + travel, visa and medical insurance

INDUSTRIAL FELLOWSHIPS

PAIRED EARLY CAREER FELLOWSHIP IN APPLIED RESEARCH (PECFAR)

PECFAR facilitates short visits of early career researchers for networking and exploring opportunities in research collaboration and joint innovation. This fellowship encourages the two-way exchange of young researchers in pairs and provides an opportunity to explore the Indo-German research landscape.

ELIGIBILITY

Early career researchers holding regular positions or long-term nationally recognized fellowship in academic/research institutions/industry

MINIMUM QUALIFICATIONS

Masters in Science/Bachelors in Engineering

FUNDING


€ 2300 per awardee/month + travel, visa and medical insurance

TENURE

up to 2 months

AGE LIMIT

40 years

 pecfar@igstc.org

NETWORKING

INDO-GERMAN BILATERAL WORKSHOPS

Bilateral workshops aim towards creating a platform for substantive interactions between scientists/researchers from academia and industry in state-of-the-art S&T areas. They are designed to establish joint knowledge pools to address global & local challenges, identify areas of mutual interest and explore new collaborations.

ELIGIBILITY

Coordinator holding a regular position in public or private non-profit research organisations/institutions of higher education/universities

AREA

To be designed around a specific research topic relevant to both DST and BMBF

VENUE

To be organised either in India or Germany

FUNDING

~ € 30000/₹ 25 lakhs

Applications are accepted throughout the year

To encourage long term collaboration among participants of the Indo-German Frontiers of Engineering Symposia (INDOGFOE), Alexander von Humboldt Foundation (AvH) supports a follow-up programme CONNECT that facilitates research stays of participants in INDOGFOE partner countries. IGSTC CONNECT PLUS is a mobility grant for successful Indian and German CONNECT awardees to promote scientific exchange and networking.

IGSTC-CONNECT PLUS

SMALL IMMEDIATE NEED GRANTS (SING)

SING aids in taking quick turnaround decisions for proposals/initiatives requiring a modest funding and having a potential to embark on bilateral Indo-German collaboration.

- ◆ **ONE TIME GRANT FOR:** Joint patent application, seed funding for innovative idea, developing a working prototype, technology demonstration of a product, partial support towards organization/participation in an event, etc.
- ◆ **BUDGET:** Maximum € 10000/proposal
- ◆ **APPLICATIONS** are accepted throughout the year.

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