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Indo-German Centre for Sustainability Call for scholarships for research projects in India in 2019

Deadline: June 30, 2019.

IGCS-Scholarships for German Master students, PhD students and senior scientists at the Indo-German Centre for Sustainability (IGCS) at the Indian Institute of Technology Madras in Chennai (India)

The IGCS awards scholarships for graduate students and researchers at German universities who developed an idea for a research project in India **and** have the supervision by a German supervisor and a supervisor from IIT Madras confirmed. The duration of the scholarship varies between one to six months, depending on the academic degree.

Our Profile

The Indo-German Centre for Sustainability is a joint project between RWTH Aachen University as a representative of a group of German universities (TU9 and Christian-Albrechts-Universität zu Kiel) and the Indian Institute of Technology Madras (IITM) in Chennai, which is hosting the centre.

The IGCS' vision and mission is to evolve to an internationally acknowledged source of inspiration and skills, conceptual models and standards, as well as best practice examples for proactive sustainability transformation, enabled through collaborative research and teaching. Through various forms of support, the IGCS flexibly combine scholars and competences of all German and Indian partner universities. It is part of the DAAD initiative "A New Passage to India" and receives funding from the German Ministry for Education and Research (BMBF) through the German Academic Exchange Service (DAAD). Ongoing research projects are financed by the Indian Ministry of Science and Technology (DST).

The centre comprises four research areas of sustainability: water management, waste management, land use and energy. The IGCS currently focuses on the overarching research topic of the protection of coastal cities from the effects of climate change. That includes the issues of coastal protection, climate change-related hazards, flood hazards, salt water intrusion and the societal challenges that derive from climate change. Furthermore, smart mobility, eco-friendly production and pollution are topics the IGCS reacts to.

Profile of candidates

Successful applicants must be enrolled at a German university (Master students) or affiliated to a German higher education or research institution (PhD and established researchers). An excellent academic record, very good English skills and intercultural communication skills are

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further requirements. Work abroad experience and knowledge of the region is of advantage. The supervisor of the applicant (Master student, PhD) is interested in scientific cooperation with Indian scientists at IIT Madras. Proven research track record adds value to the application (PhD, Postdocs).

We must not fund Indian citizens for a research project in India. The selection is based on merit. The IGCS advocates for equal opportunity and diversity. Preference is given to students and researchers from TU9 universities and Kiel University.

Your Responsibility

The candidate develops a specific research topic and research plan together with her / his advisor (Master students, PhD) and an Indian professor at IIT Madras (all academic degrees). The research projects should address the IGCS overarching research topics and concentrate in at least one of the aforementioned four research areas. She / he can also be part of a joint research project at IIT Madras. If required, IGCS provides support with regard to arrange supervision at IIT Madras.

What We Offer

The IGCS can grant a research stay between July 2019 and January 2020. The scholarship provides travel and living expenses according to DAAD funding rates, as a rule.

Academic degree	Duration of Stay
<i>Master students</i>	1 – 3 months
<i>PhD students</i>	1 – 6 months
<i>Postdocs and established researchers</i>	1 – 3 months

Applicants are expected to stay in India for at least one month. Preference will be given to candidates who plan to stay for the maximum duration of stay. Attention should be paid to the condition that your stay in Germany should be finished by January 15 2020. Successful candidates will be part of the IGCS projects and the “A New Passage to India” DAAD initiative.

How to apply

Please prepare the following documents

- Curriculum Vitae
- Motivation including the description of the research project and a timetable (including the planned starting date and period of stay)
- Supervision confirmation by a German and IITM professor
- Master students: enrolment certificate and a current transcript of records (not older than six months)
- PhD and established researchers: summary of your academic career incl. a list of publications and copy of your certificates

Submit your application in a single PDF-file to the matching German Area Coordinator and the German Project Coordinator Malin Praktijnjo.



German Project Coordinator

Mrs. Malin Praktijnjo
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German Centre Coordinator

Prof. Dr. Klaus Reicherter
RWTH Aachen University

German Area Coordinators

Water Management
Prof. Dr. Nicola Fohrer, CAU Kiel

Waste Management
Prof. Dr. Martin Kranert, Universität Stuttgart

Energy
Prof. Dr. Frank Behrendt, TU Berlin

Land Use / rural and urban development
Prof. Dr. Martina Fromhold-Eisebith, RWTH Aachen University