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## **Indo-German Centre for Sustainability Call for scholarships for research projects in Germany in 2019**

**Deadline: June 30, 2019**

### **IGCS-Scholarships for Indian Master students, PhD students and senior scientists from IIT Madras, IIT Mandi, IIT Tirupati and IIT Palakkad for sustainability research in Germany**

The IGCS awards scholarships for graduate students and researchers at IIT Madras 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 through the German Academic Exchange Service. Ongoing research projects are financed by the Indian Ministry of Science and Technology.

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 the IIT Madras, IIT Mandi, IIT Tirupati or IIT Palakkad (Master students) or affiliated to the IIT Madras (PhD and established researchers). An excellent academic record, very good English skills and intercultural communication skills are further requirements. Students from IIT Mandi, IIT Tirupati or IIT Palakkad must have an additional supervision confirmation by an IIT Madras supervisor. Scholars can contact the

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Indian IGCS area coordinators if assistance is needed to find a supervisor at IIT Madras (see below). The supervisor(s) of the applicant (Master student, PhD) is/are interested in scientific cooperation with German scientists.

Work abroad experience and knowledge of the region is of advantage. Proven research track record adds value to the application (PhD, Postdocs). The selection is based on merit. The IGCS advocates for equal opportunity and diversity.

### Your Responsibility

The candidate develops a specific research topic and research plan together with her/his advisor and a German professor at a German university. The research project should address the IGCS overarching research topics and concentrate in at least one of the aforementioned four research areas. If required, IGCS provides support with regard to supervision at a German university.

### 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.

<b>Academic degree</b>	<b>Duration of Stay</b>
<i>Master students</i>	1 – 3 months
<i>PhD students</i>	1 – 6 months
<i>Post-Docs 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.

The IGCS does not fund Indian students and researchers for research exchanges to India. The IGCS also does not fund full PhD studies in Germany.

### 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)
- Supervision confirmation by a German and IITM professor
- Master and PhD students: enrolment certificate and a current transcript of records (not older than six months)
- 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 Indian Area Coordinator and the Indian Centre Coordinator Professor [Dr. B.S. Murty](#).



### Indian Centre Coordinator

Prof. Dr. B.S. Murty  
IIT Madras

### Indian Area Coordinators at IGCS

Water Management  
Prof. Dr. B.S. Murty, IIT Madras

Waste Management  
Prof. Dr. Ligy Philip, IIT Madras

Energy  
Prof. Dr. Krishna Vasudevan, IIT Madras

Land Use / rural and urban development  
Prof. Dr. Sudhir Chella Rajan

For further questions, please [contact](#) Professor Dr. B.S. Murty or the German project coordinator Mrs. Malin Praktijnjo.