



Creating Sustainability in India: Professorship Positions

Two Long-Term Professorships for Energy at the Indo-German Centre for Sustainability (IGCS) at the Indian Institute of Technology Madras, Chennai / India

Our Profile

The IGCS is a research cooperation centre between the German group of universities (TU 9 and Christian-Albrechts University Kiel) and IIT Madras in Chennai, India. RWTH Aachen University coordinates the Centre on the German side. The IGCS focusses on sustainability in the areas of water resources management, waste management, land use and energy. The Centre receives funding from the German Federal Ministry for Education and Research through the German Academic Exchange Service (DAAD).

The IGCS invites applications for two long-term lectureships in the area of **energy**: (1) in the field of sustainable energy distribution / smart grids; (2) in the field of thermo-dynamic conversion of biomass and coal including CCS / fuel kinetics, biofuels.

Your Profile

Candidates have a doctoral degree in engineering or natural sciences or a field of study with relevance to sustainability and must be willing to pursue interdisciplinary research. They are expected to contribute to networking and coordination activities of the Centre, have experience in teaching and research in higher education; for (2) experience in experimental work is necessary, and industrial experience is desirable. Moreover they have a sound knowledge of German higher education institutions and of up to date developments in higher education as well as related managerial skills; very good command of English; intercultural communication skills, administrative and organisational capabilities. International experience and knowledge of the region are appreciated. Successful applicants must be **EU citizens** with an affiliation to a German Higher Education Institution or research institute.

Your Responsibilities

Responsibilities include implementation of interdisciplinary research projects and coordination of the IGCS's share in joint research endeavours; teaching in engineering and natural sciences, esp. on postgraduate programmes with a focus on sustainability in the field of energy, developing and conducting energy-related research projects – including the establishment of research groups – in collaboration with researchers and lecturers of IIT Madras and participating German universities; preparing scientific publications; developing examinations procedures and conducting exams; supervising thesis and dissertation projects; contributing to the development of interdisciplinary master's and dual degree programmes, curriculum development and design of teaching materials for new classes and modules in the area of sustainability; preparing and delivering seminars and workshops; attending boards and committees.

What We Offer

Successful candidates will be members of faculty at IIT Madras and remunerated according to the salary scale for IIT Madras academic staff. The appointment will be at the Assistant/ Associate/ Full Professor level, depending on the candidate's experience in academia and, if applicable, in industry. In addition to their salary, appointees will receive a compensatory allowance from RWTH Aachen University funded by DAAD. The post is available immediately for a fixed-term period until 31.12.2017 with permanent residency in India. Applications for short term professorships are always welcome. The prolongation of the appointment beyond 2017 is anticipated, subject to the availability of funds.

Your Contact

For further information, please contact: Prof. Dr. Rafiq Azzam | Dept. of Engineering Geology and Hydrogeology, RWTH Aachen University | e-mail: azzam@igcs-chennai.org

Further information is also available on our website at: <http://www.igcs-chennai.org>

Please submit your E-mail application to the above mentioned address including the relevant supporting documents in English (CV, certificates, list of publications, list of teaching activities, summary of your academic career, research plan) until **01.07.2017**.

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