INTERNATIONAL
COLLABORATIONS
—— AT IIT GANDHINAGAR ——

GLOBAL INTERSEC

Internationalization is one of the central pillars of IIT Gandhinagar's educational programme. It is woven through the curriculum in coursework, study abroad opportunities, visiting students and faculty, projects, etc. IITGN's international

International Collaborations

The Institute has developed strategic partnerships with leading universities, industries and R&D organizations abroad for student and faculty exchanges and research collaborations, such as Japan Advanced Institute of Science & Technology; California Institute of Technology; ISCTE-Lisbon University Institute, Portugal; University of Washington, Seattle; Ricoh Corporation, Japan; Nielsen, USA; Underwriters Laboratories, Chicago; University of Saskatchewan, Canada, etc. In addition, individual faculty at numerous overseas universities engage with IITGN colleagues on collaborative projects and academic programs.

Curriculum Partnerships

IIT Gandhinagar and ISCTE-Lisbon University Institute, Portugal, have signed an agreement under which master's degree from IITGN's Cognitive Science and ISCTE's Complexity Sciences programmes are offered in partnership and course credits transferred between the two institutes.

Collaborative Courses

IIT Gandhinagar has collaborated with foreign universities in developing joint courses that enable cross cultural experiences for students and faculty.

Typically in these collaborative courses student and faculty teams are engaged in intensive immersion in fieldwork and research. They spend time on both campuses or meet in virtual classrooms through video-conferencing. In the "Disruptive Design for Health," students from the California Institute of Technology, collaborated with IITGN students on several public health projects in 2014. One of the student teams designed a spill proof spoon for patients of advanced Parkinson's disease, which won the Gandhian Technological Innovation Award in March 2015.

In 2015, student and faculty teams from IITGN collaborated with the School of the Arts, University of Northampton, UK, on a course "Where Technology Meets the Art," to develop design interventions in India's handicraft industries.

CTIONS AT IIT GANDHINAGAR

education programmes reflect the institute's vision and commitment to providing high quality education without geographical boundaries, enhancing the diversity of its student body and forming strategic partnerships around the world.

Student Exchanges

IIT Gandhinagar promotes study abroad opportunities and welcomes international students to its campus. It has developed partnerships with Institutes across the globe to facilitate student exchanges. Nearly a third of IIT Gandhinagar undergraduate students receive international exposure in internships at international universities and industries abroad, in international workshops, projects and conferences, etc.

IITGN hosts scores of international students on its campus for conferences, workshops, individual research, project work and internships every year.

India Ki Khoj

The Institute annually hosts almost a dozen students from CalTech for nearly two weeks in the winter for an India immersion programme titled "India ki Khoj," which enables overseas students to relate with the many layers that form identity in India. Through a combination of academic lectures and field-visits, CalTech and an equivalent number of IITGN students are taken through India of the past, present and future, as well as its economic trends, culture and history.

Visiting Faculty

A vibrant visiting faculty and guest scholar programme contributes to diversity and globalization at IIT Gandhinagar. In recent semesters, the Institute has hosted visiting faculty from all over India, as well as Canada, China, France, Germany, Italy, New Zealand, Portugal, Singapore, Switzerland, United States, etc. Visiting faculty typically spend from a semester to a year at the Institute teaching courses or conducting workshops, short courses, or otherwise engaging with IITGN students and faculty. In addition, the Institute also hosts scholars in residence, who work on manuscripts, develop research ideas or collaborate with students and faculty.

Industry Associates

IITGN also has an Industry Academic Associate programme that is designed to engage our students and faculty with eminent engineers, managers and professionals on projects, curriculum development and other collaborative activities.

IIT Gandhinagar

The Indian Institute of Technology Gandhinagar, deemed an institute of national importance by an Act of the Indian Parliament, strives to offer the best engineering education in India with unmatched innovations in curriculum. The Institute promotes critical thinking and an appreciation of the interdisciplinary character of knowledge with an emphasis on the liberal arts, project oriented learning, compulsory courses in design and the life sciences, diversity and globalisation. Nearly a third of its students receive study abroad experience.

IIT Gandhinagar aspires to be a globally ranked Institute worldwide by fostering excellence in learning, research, scholarship and innovation. The Institute is located in Ahmedabad, Gujarat – one of the oldest living cities in India, known both for a rich cultural past as well as its state-of-the-art infrastructure, thriving industries, many modern amenities and several of India's most prestigious academic and research institutes.

Programmmes

IIT Gandhinagar offers the following academic programmes:

Bachelors Degree Programmes

Chemical Engineering
Civil Engineering
Electrical Engineering
Materials Science & Engineering
Mechanical Engineering

Masters Degree Programmes

Chemical Engineering
Chemistry
Civil Engineering
Cognitive Science
Electrical Engineering
Mathematics
Materials Science & Engineering
Mechanical Engineering
Society & Culture

PhD Degree Programmes

Ancient & Medieval India
Biological Engineering
Chemical Engineering
Chemistry
Civil Engineering
Cognitive Science
Computer Science & Engineering
Earth Sciences
Electrical Engineering
English
Materials Science & Engineering
Mathematics
Mechanical Engineering
Philosophy
Physics
Political Science
Psychology
Social Epidemiology
Sociology
South Asian Studies

Interdisciplinary Centres

IITGN has established several centres of excellence to promote interdisciplinary collaboration:

Archaeological Sciences
Biomedical Engineering
Cognitive Sciences
Design & Innovation
Safety
Sustainable Development

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