



**SDG 17: Partnerships for the Goals**  
**STRENGTHEN THE MEANS OF IMPLEMENTATION**  
**AND REVITALISE THE GLOBAL PARTNERSHIP FOR**  
**SUSTAINABLE DEVELOPMENT**

IIT Gandhinagar (IITGN) steadfastly adheres to its commitment to the United Nations Sustainable Development Goals (SDGs), particularly emphasising SDG 17: Partnerships for the Goals. Through strategic collaborations and dedicated initiatives, IITGN continues to drive impactful partnerships and initiatives contributing to the global agenda for sustainable development.

## **RESEARCH**

The institute collaborates with several organisations including research centres, academic institutes, government agencies, NGOs, etc. to conduct research. The institute provides inputs and expert advice to the government for SDG policy development - including identifying problems and challenges, developing policies and strategies, modelling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management.

## **EDUCATION**

IITGN has effectively established Memorandums of Understanding (MoUs) with esteemed institutions to promote academic collaboration, research initiatives, and student exchanges:

**Partnership with NIT Sikkim and NIT Hamirpur:** Signed MoUs to facilitate student exchange, academic cooperation, and research collaboration between NIT Sikkim, NIT Hamirpur, and IITGN. This partnership allows meritorious students from these NITs to engage in IITGN's programs, encouraging academic growth and research advancements.

**Partnership with IIT Madras:** Through an MoU signed on May 12, 2022, a project named "Kotak-IITM Save Energy Mission (KISEM) - IITGN" was initiated, aiming to drive the decarbonization of Indian industries through research, consultancy, education, and training.

## **Partnership with the Durham University, UK**

Through an MoU signed on Nov 17, 2021, both institutions aim to foster cultural, educational, and scientific cooperation, enhancing student and faculty exchanges. A joint seminar on the challenges of world heritage sites and the role of Archaeology in the global context marked the inception of this partnership.

IITGN conducts workshops and events to foster academic discourse and knowledge sharing:

- Workshop on “Captive Mind”: The Institute, in collaboration with the Centre for Southeast Asian Studies, Kyoto University, organised a thought-provoking online workshop discussing intellectual imperialism in the Asian academic context. Attended by scholars, students, and researchers globally, this event served as a platform for intellectual exchange and discussion.
- Workshop on Ultrasound Contrast Agents: With support from GSBTM, a two-day workshop was conducted, focusing on applying gas-filled microbubbles in Biomedical Engineering. The workshop included lectures and virtual lab demo sessions, engaging 80 participants and instructors from various parts of the world.

## **OPERATIONS**

IITGN plays a pivotal role in knowledge sharing and technological transfer:

- Delegation from Leh-Ladakh and Kargil

A delegation visited IITGN to understand wastewater management and explore eco-friendly technologies suitable for their region's extremely cold climate. The visit included an inspection of the Institute's Water Treatment and Sewage Treatment Plants, offering insights into sustainable practices.

IITGN collaborates with government bodies and industry for mutual growth and development:

- Memorandums of Understanding

Signed MoUs with the Climate Change Department, Directorate of Technical Education, Government of Gujarat, and the Gujarat Council of Science City, fostering partnerships in climate change policy, educational exchange programs, and STEM education promotion.

- Industry Connections

The Institute held an Industry Connection meeting with the Gujarat Chamber of Commerce and Industry (GCCCI) to understand industry needs and showcase the expertise and facilities available at IITGN, promoting collaboration between academia and industry.

## **COMMUNITY OUTREACH**

IITGN has undertaken several initiatives aimed at enhancing community welfare and engagement:

- **Medical Camps in Labour Colonies:** Regular medical camps are organised at construction workers' colonies, providing essential healthcare services to approximately 40-50 workers and their families. This initiative, spearheaded by Dr. Riya Saini and the medical staff of the Institute, showcases persistent efforts toward community well-being.

The Institute organises seminars and webinars to address critical issues such as climate action:

Organised by the Dr. Kiran C Patel Centre for Sustainable Development in collaboration with PricewaterhouseCoopers (PwC) and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, the webinar on climate action focused on cross-sectional approaches for climate action, engaging around 100 scientific practitioners from across the globe.

IIT Gandhinagar remains dedicated to nurturing robust partnerships and impactful initiatives, aligning with the SDGs to foster sustainable development, academic excellence, and positive global impact. The Institute's efforts towards fostering partnerships for the goals are paramount in creating a sustainable and inclusive future for all.