

INTERNATIONAL CONFERENCE ON HIGHER EDUCATION INSTITUTES' CHALLENGES & SOLUTIONS- Sustainable Development Goals 2023

REACH | IIISM | CHEMICAL ENGINEERING | DRIVE

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR

International Conclave on Revitalize the Global Partnership for Sustainable Development

Goal # 17 – Partnership Goals

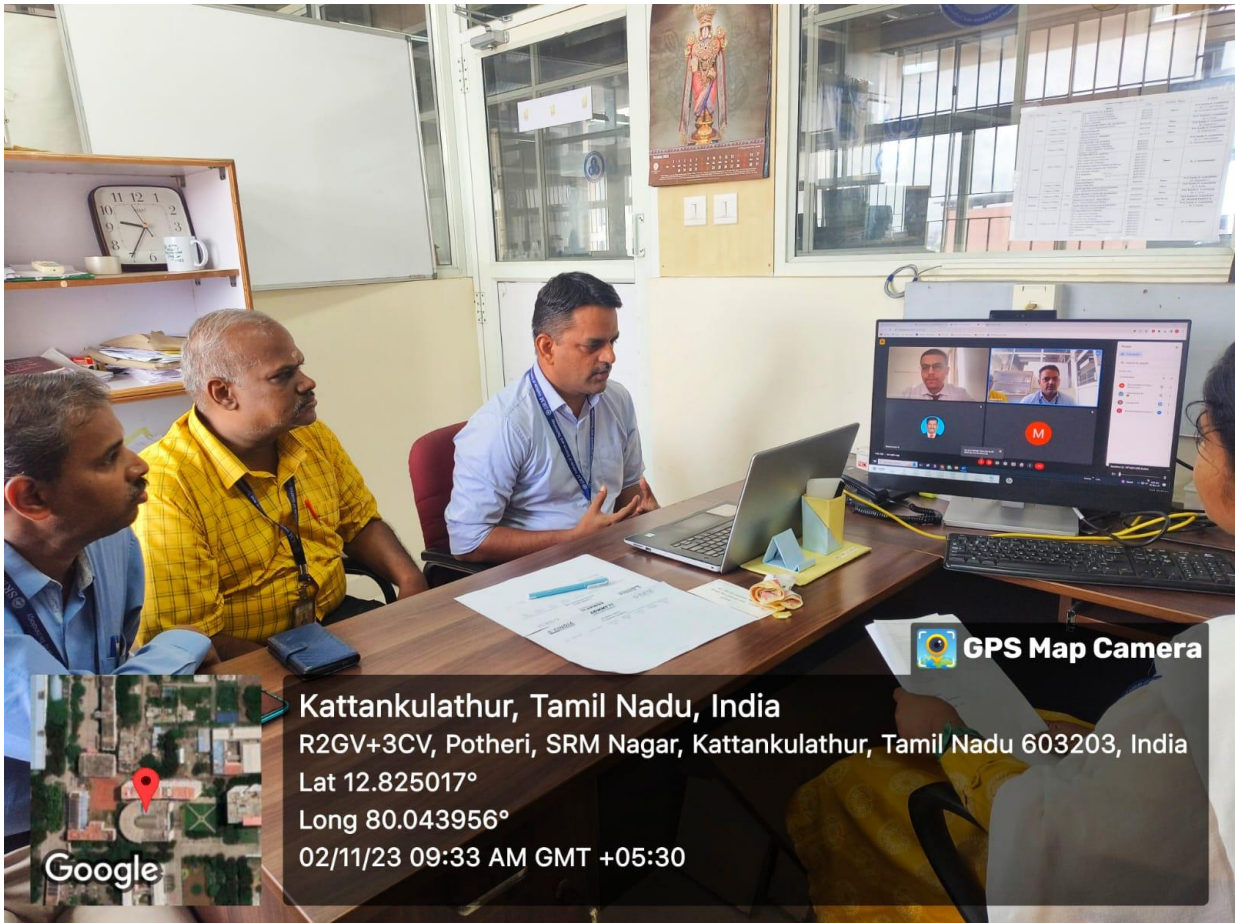
The SDG 17 partnership goal was allocated to REACH, IIISM, Chemical Engineering and Directorate of Research departments are conducted oral presentation and Keynote speaker presentation.

Dr. Pankaj Kumar, (National Technical Expert, UNIDO, New Delhi) and Ms. Emmy Nøklebye, (Research Scientist, Norwegian Institute for Water Research (NIVA), Norway) presented through google meet on 2nd November 2023 at the Ramanujan Hall, Tech Park about the importance of renewable energy, wastewater treatment and plastic waste pollution, and various approaches to produce energy from waste.

The other keynote speaker Dr. K. S. Jayachandran, (Product Manager, Spinco Biotech Pvt Ltd), Dr. Devindran (Technical Analyst, PerkinElmer) presented the importance of Industry Academic Collaboration – Market demand and gaps and analysis of contaminants using FTIR and other instruments.

The lectures that were given to the students shared a wealth of knowledge with them and mostly focused on the goals of sustainable partnerships. This goal underscores the relevance of global macroeconomic stability as well as the necessity of mobilising financial resources for developing countries from international sources, in addition to strengthening local capacities for the collection of income. Together with the research scholars from REACH and IIISM, students from other departments such as Chemical Engineering, Chemistry, Biotechnology and Civil Engineering took part in the presentation.

There was a total of 45 students who entered the registration under the various titles that were offered.



Oral Presentation Prize Winners: -

ORAL PRESENTATION THROUGH GOOGLE MEET:

1. First Prize – Dr. R. Azhagu Raj (St.Xavier's College, (Autonomous) Palayamkottai)
2. Second Prize – Rishi Praneash K B – (Chemical Engineering, SRMIST, KTR)

The pivotal Sustainable Development Goal (SDG) 17, centred on fostering partnerships for the achievement of all SDGs, through a collaborative initiative involving the REACH department, IIISM, Chemical Engineering, and the Directorate of Research. This multidisciplinary effort aimed to deepen the understanding of global issues and sustainable solutions among students and researchers.

The event featured insightful oral presentations and keynote addresses from eminent speakers, elevating the discourse on renewable energy, wastewater treatment, plastic waste pollution, and innovative approaches to harness energy from waste materials. Dr. Pankaj Kumar, a National Technical Expert at UNIDO, New Delhi, shared his expertise on sustainable practices, while Ms. Emmy Nøklebye, a Research Scientist from the Norwegian Institute for Water Research (NIVA), Norway, provided a global perspective on environmental challenges.

The Ramanujan Hall at Tech Park became the virtual nexus for knowledge dissemination on November 2nd, 2023, as students and faculty gathered via Google Meet to absorb the wealth of information shared by the keynote speakers. Dr. K. S. Jayachandran, Product Manager at Spinco Biotech Pvt Ltd, and Dr. Devindran, Technical Analyst at PerkinElmer, added a dynamic dimension to the discussions by emphasizing the significance of Industry-Academic Collaboration. They delved into market demands, identified gaps, and showcased advanced analytical techniques, such as FTIR, for contaminant analysis.

A diverse audience comprising students from REACH, IIISM, Chemical Engineering, Chemistry, Biotechnology, and Civil Engineering actively participated in the presentations, showcasing the interdisciplinary nature of the SDG 17 partnership event. The engagement of research scholars alongside students underscored the collaborative spirit that such initiatives seek to foster.

The presentations not only disseminated knowledge but also reinforced the overarching theme of sustainable partnerships. Emphasis was placed on the critical role of global macroeconomic stability and the imperative to mobilize financial resources for developing countries from international sources. The need to strengthen local capacities for income collection formed a core component of the discussions.

In terms of participation, the event drew registration from 45 students, each contributing to the collective exploration of innovative solutions for global challenges. As the SDG 17 partnership initiative continues to unfold, it serves as a testament to the university's commitment to cultivating a generation of informed and proactive individuals dedicated to the principles of sustainability and global cooperation.