



# Online - QIP SHORT TERM COURSE ON Challenges and opportunities in Solid and Liquid Waste management

Organized by: Centre for Rural Technology, IIT Guwahati

The Centre for Rural technology, IIT Guwahati cordially invites and welcomes you to the five days online QIP Short Term Course on Challenges and Opportunities in Solid and Liquid Waste Management during November 02 – 06, 2020

## BACKGROUND

Adapted to good health, social and economic development, adequate sanitation, along with good hygiene and safe water are essential. Improving these wellbeing elements decreases the rate of morbidity and severity of different diseases and improve life quality in developing countries of large number of people especially children. Present COVID-19 scenario requires good wash and waste management practices in order to avoid human to human transmission of this deadly virus. Safely regulated sanitation, sanitary facilities and hygiene facilities are a vital part of human health prevention and safety during infectious disease outbreak including current COVID-19 pandemic. The short term course is designed in such a way that the participants will gain knowledge on the conventional ways to deal with solid, liquid waste management and the challenges we are facing now due to the current situation and how that needs to be coped up. They will also get to learn the opportunities opened up for new technologies to be developed to curbe the crisis being faced.

## About IIT Guwahati

The Indian Institute of Technology Guwahati, the sixth member of the IIT fraternity, was established in 1994 and academic programs commenced in 1995. At present the Institute has eleven departments covering the major engineering and science disciplines. With one of the most beautiful campuses in the continent, the infrastructure for teaching and carrying out advanced research is world class, being equipped with state-of-the-art engineering and scientific instruments. The IIT Guwahati campus stands on a sprawling 285 hectares of land on the north bank of the river Brahmaputra. The campus is about 25 km from the heart of the city. With the majestic Brahmaputra on one side, and hills and vast open spaces on the other side, the campus provides an ideal setting for learning. The city of Guwahati is the gateway to North East India and connected with many major cities in the country by rail and air.

## About Centre for Rural Technology

Centre for Rural Technology at IIT Guwahati is established newly in the year 2016 to promote multidisciplinary activities. The Centre mainly focuses on imparting teaching, conduct research and provides consultancy in various facets of rural sectors with special emphasis on training and research needs of the Indian rural sector and contributing to International research in Appropriate Technology for rural community.

## Objectives of the Course

- Creating general awareness about the importance of Sanitation, waste management, water and hygiene
- Promoting innovative thinking in development and dissemination of technologies to deal with problems associated with sanitation, waste management, water and hygiene with respect to the present scenario.
- Effective management of biomedical and health-care waste in addition to the municipal/rural waste (appropriate identification, collection, separation, storage, transportation, treatment and disposal)
- Understanding the Challenges in the field of Sanitation, waste management during the present scenario.
- Identify research needs in the current situation
- Awareness to ensure health and safety measures and hand hygiene.

## Resource Person

Faculty members of IIT Guwahati and guest faculty members from other premier Institution/ Organization will deliver lectures

## Eligibility and Registration

The course/event is open to faculty members and research scholars from all TEQIP mapped institutions/Engineering Colleges/ATUs and non TEQIP mapped institutions. No course fee is charged for candidates who belongs to TEQIP mapped institutions/Engineering colleges/ATUs. Participants from Industry, Government organizations and Non TEQIP mapped institutions are eligible, provided they pay the course fee of Rs. 5000/- for faculty members and Rs. 3000/- for Research Scholars and Postdoctoral Researchers respectively.

Application link: <https://drive.google.com/file/d/1RXjtoIDZLGy0HxcfNKgSg1d7onYPRc5A/view?usp=sharing>

Please send the scanned copy of filled up application by email to the following Email ID: [meena.kh@iitg.ac.in](mailto:meena.kh@iitg.ac.in)

*For any query contact:*

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## IMPORTANT DATES

Last date of receipt of duly filled applications: ~~23<sup>rd</sup> October, 2020~~

**Extended date for duly filled application: 30<sup>th</sup> October, 2020**

Intimation of selection by email: ~~26<sup>th</sup> October, 2020~~

**Extended date for intimation: 31<sup>st</sup> October, 2020**

For announcement and updates visit: <https://www.iitg.ac.in/crt/>