



***National Workshop on
“The utilization of local and recyclable waste materials in
construction: present scenario and future scope”***

January 9 - 15, 2023

Organized by:

**Centre for Interdisciplinary Sciences (CIS)
JIS Institute of Advanced Studies and Research (JISIASR) Kolkata
JIS University**

Supported by:

**Accelerate Vigyan Karyashala (High-end Workshop) Programme,
SERB, Govt. of India**

JIS Institute of Advanced Studies and Research (JISIASR), JIS University, Kolkata, aligning with the dynamic evolution of advanced education methodology, has started an academic and industry based translational research eco-system with the goal of being one of the most dynamic post graduate and research institutes of the country. Realizing the urgent needs to fill the gap between academic curriculum and industry demand, a number of quality programs at Masters and Ph.D/ postdoctoral levels are offered at JISIASR Kolkata.

Centre for Interdisciplinary Sciences (CIS) is committed to pursuing cutting edge research in design and development of novel advanced materials (including polymeric implant materials, ceramic, biomaterials, energy materials), biosensor and device fabrication, Bioprinting and additive manufacturing, solar cell design, herbal drug design, New and smart cementations material development, waste utilization, CO₂ sequestration adhering to the norms of industries with green and sustainable. The Centre also focusses on establishing innovative research and innovation at per global standard with the concept of integration of interdisciplinary technologies.

**Registration starts on: November 15th, 2022
Last date of registration: December 11th, 2022**

Contact:

Dr. Sumit Chakraborty (Organizer)

Email: sumit@jisiasr.org

Visit our website @ www.jisiasr.org

Important Information

This workshop is aimed at the sharing of knowledge and shade insight into the current scenario and future prospects for the utilization of wastes (municipal and industrial) in the construction sector. It will also provide training on how to utilize the wastes in construction for maintaining environmental and economic sustainability and encourage young students/researchers (M.Sc./M.Tech./Ph.D.) to start-ups for the new and value-added product development and supply chain management. In this event, the trainee will learn about the sources of waste generation and their existing utilization. They will have the opportunity to identify the types of local and industrial waste generated and their composition, and tools used to characterize the wastes. Finally, the rate of utilization of the wastes in construction, its statistics, and life cycle analysis will also be explored.

Interested candidate can fill up the registration form and attach a copy of latest CV to the Google form through QR code or the link **on or before December 11-2022**. Contact: Dr. Sumit Chakraborty, Email: sumit@jisiasr.org. **Form link is given below**
https://docs.google.com/forms/d/1aNDg4GXfwgxL7qqKMiaYDzBO2POH H1Z_ytCbh5WvU48/edit



We Shall offer

Extensive training by the experts form reputed Institutes and industries

No Registration Fee

FREE boarding & lodging

Travel support (T&C)

ELIGIBILITY CRITERIA

- ❖ Students pursuing/ completed their Masters degree in chemical /Materials/Civil & Environmental engineering/technology
- ❖ Students pursuing Ph.D. degree in Engineering/Science/Technology
- ❖ Only 20 participants will be selected and invited to join this workshop
- ❖ Participants are expected to have double doses of vaccination for COVID 19 and should adhere to COVID appropriate guidelines

Venue: Seminar Room, JIS Institute of Advanced Studies and Research (JISIASR) Kolkata, 17TH Floor Arch Waterfront Building, Sector 5, Salt Lake, GP Block, Kolkata-700091

Program schedule might be changed for extreme circumstances.