

Important Dates:

Last Date for Registration: 12th Feb 2025

Workshop Schedule:

17th Feb 2025 to 21st Feb 2025

Chief Patron
Prof. Samsher

Hon'ble Vice Chancellor, HBTU Kanpur

Patron

Prof. Dipteek Parmar

Pro Vice-Chancellor, HBTU Kanpur

Guest of Honour

Prof. Vinay Pratap Singh

Dean, School of Engineering

Organizing Committee

Chairman

Prof. Deepesh Singh, HoD

Convenor: Dr. Rajiv Ganguly, Associate Professor

Co-convenor: Dr. Kavita Tandon, Assistant Professor

Faculty Coordinators:

Dr. Riya Catherine George

Mr. Jai Prakash Nayak

Mrs. Kajol Priya

Ms. Shivani Koshtha

Mr. Manish Kumar

Student Coordinators:

Mr. Varun Kumar

Mr. Tarun Kumar

Mr. Harshit Verma

Mr. Sumit Raghav

Mr. Jatin Bhaskar

Mr. Kishlay Tiwari

Ms. Shrishti Mehrotra

Ms. Titisa Uttam

Mr. Vishnu Dev Singh

Mr. Dhruv Singh

Ms. Anshika Namdev

Mr. Agrim Rathor

Mr. Rishi Krishna

Five Days Workshop

on

**Interdisciplinary Approaches in Geotechnical
and Geoenvironmental Engineering**

17th – 21st February 2025

(Online Mode)



Department of Civil Engineering

Harcourt Butler Technical University Kanpur



Harcourt Butler Technical University, Kanpur: Established to foster excellence in technical education and innovation, HBTU stands tall as a distinguished center of learning and research in India. With a rich history spanning hundreds of years, we have continuously evolved to meet the ever-changing demands of the technological landscape.

Nestled in the heart of Kanpur, Uttar Pradesh, Harcourt Butler Technical University boasts a sprawling campus with state-of-the-art infrastructure and modern facilities. Our commitment to providing a dynamic and conducive learning environment ensures students have the knowledge and skills necessary to excel in their chosen fields. At Harcourt Butler Technical University, we believe in nurturing academic excellence and personal growth, instilling values of integrity, empathy, and leadership. Our campus is a melting pot of cultures, ideas, and aspirations, providing a platform for students to engage in extracurricular activities, sports, and social initiatives.

About the workshop:

Civil engineering plays a crucial role in shaping the world around us, and geotechnical and geoenvironmental aspects are at the core of many civil engineering projects. Understanding the behaviour of soils and rocks and the impact of civil engineering activities on the environment is essential for sustainable and safe infrastructure development. Geo-environmental engineering is an inclusive discipline that recognizes many environmental challenges that cannot be solved by one traditional discipline alone. The term Geo-environmental Engineering is a broad one covering the contributions that geotechnical engineers, environmental engineers, hydrogeologists, earth scientists, geochemists, water engineers, biologists, and ecologists, amongst others, make to environmental management, site characterization, environmental risk assessment, waste disposal, soil and groundwater remediation, habitat protection, and environmental rehabilitation. Since the nature of the problems addressed in Geo-environmental Engineering is diverse, solutions to Geo-environmental issues typically require the expertise of a variety of professionals who possess a similar diversity in terms of educational background and training. Because of this diversity, efficient and effective technical interaction among these professionals can be problematic. Thus, professionals with a breadth of knowledge in various disciplines associated with geo-environmental problems can facilitate the professional interaction needed to complete geoenvironmental projects successfully within a multidisciplinary setting. Geo-environmental engineering is an emerging and exciting field that offers numerous technical challenges and great opportunities to understand multi-disciplinary problems and develop solutions to protect public health and the environment and encourage sustainable development.

Workshop Themes:

The workshop theme, " Interdisciplinary Approaches in Geotechnical and Geoenvironmental Engineering," underscores the importance of collaborative efforts and interdisciplinary knowledge sharing to address the pressing environmental challenges of our time. By unifying diverse disciplines and exploring sustainable practices, participants can play a vital role in shaping a greener and more sustainable future for future generations.

1. Interdisciplinary Research in Geotechnical and Geoenvironmental Engineering
2. Sustainable Practices in Geoenvironmental Engineering
3. Current Geo-environmental Issues
4. Environmental Risk Mitigation
5. Innovative Remediation Techniques
6. Incorporating Sustainability in Infrastructure Projects

Civil Engineering HBTU Kanpur



As one of the university's flagship disciplines, our department has a long-standing legacy of excellence in producing skilled engineers and researchers who contribute significantly to our nation's infrastructure and development.

With a strong emphasis on academic rigor, practical experience, and innovation, the Civil Engineering Department at HBTU, Kanpur, is committed to imparting comprehensive knowledge and cutting-edge skills to our students. Our esteemed faculty members, experts in their fields, foster a dynamic learning environment that encourages critical thinking and problem-solving. Moreover, the department actively promotes research and innovation, encouraging students to explore new frontiers and address contemporary challenges. Collaborative projects with industries and government bodies offer invaluable opportunities for practical exposure and industry-relevant skills.

Registration Details:

Registration Link:

Google Form: <https://forms.gle/CLKuXh1EBNkcFhJh6>

Registration Fees: INR 100

Account Details: Central Bank of India

Account Name: Association of Civil Engineers

Account Number: 3044041693

Branch: Central Bank of India HBTU Kanpur

IFSC Code: CBIN0283288

WhatsApp Group Link:

<https://chat.whatsapp.com/Ch6xYiJwyP84vXDL3YJY4X>



Information:

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