



ADAMAS UNIVERSITY

UGC and AICTE Approved University

**All India Council for Technical
Education (AICTE-ATAL Scheme)
Government of India, New Delhi**

**AICTE Sponsored 6 Days Online
Faculty Development Program**

**“Climate change and its impact on
Disaster Frequency”**

Thrust Area: -

**Disaster Management & Resilient
Infrastructure**

(6th – 11th January 2025)

**Organized by
Department of Civil Engineering
School of Engineering and Technology
Adamas University
Kolkata- 700126**

Patron

Prof. (Dr.) Samit Roy, Chancellor, Adamas University
Prof. (Dr.) Suranjan Das, Vice Chancellor, Adamas University

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Dr. Krishna R. Reddy, Professor, Professor of Civil & Environmental Engineering, Director, Sustainable Engineering Research Laboratory, University of Illinois at Chicago
Dr. Gupinath Bhandari, Associate Professor & Coordinator, Centre for Disaster Preparedness & Management, Jadavpur University
Dr. Krishanu Roy, Associate Professor, Department of Civil Engineering, University of Waikato, New Zealand
Dr. Sabita Madhvi Singh, Joint Director, National River Conservation Directorate, Department of Water Resources, RD & GR, Ministry of Jal Shakti
Dr. Indranil Mukherjee, Associate Professor & HOD, Civil Engineering, Aliah University

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About the University

School of Engineering and Technology offers a transformative educational experience, emphasizing disciplinary and interdisciplinary knowledge, problem solving, leadership, communication, and personal well being. Ranked among Bengal and East India's top Engineering Schools by Times Engineering Survey 2019, we provide innovative programs tailored to today's job market. Our curriculum focuses on emerging technologies and includes specialized areas like Autonomous Electric Vehicles, Aerial Robotics, and Smart City development. With a collaborative environment fostering research, creativity, and entrepreneurship, students are empowered to realize their full potential. Utilizing cutting-edge resources like ARIVOO, UMS for online learning and state-of-the-art labs, we ensure a dynamic educational journey. Additionally, our Interdisciplinary research centers and international collaborations enhance opportunities for student and faculty exchange, as well as research endeavors. Our curriculum focuses on emerging technologies and includes specialized areas like Autonomous Electric Vehicles, Aerial Robotics, and Smart City development. With a collaborative environment fostering research, creativity, and entrepreneurship, students are empowered to realize their full potential.

About Dept. of Civil Engineering

Department of Civil Engineering, established in 2015, has evolved into a comprehensive entity with fully equipped lab facilities and infrastructure. Our experienced faculty members specialize in various disciplines, driving activities that align with global innovations and collaborations with industry & academia leaders such as **Dr. Fixit, CE Consultants, Imagiminds CAAD, Smrity Constech and Aliah University**. Our focus extends to enhancing alternate resource development in the civil sector, contributing to the progress of humanity. Notably, we've partnered with the **Dr. Fixit Institute of Structural Protection and Rehabilitation** to establish a **Center of Excellence Laboratory on Repair and Rehabilitation Technology**.

About the FDP

Faculty Development Program (FDP) on “**Climate change and its impact on Disaster Frequency**” under the thrust area of “**Disaster Management & Resilient Infrastructure**” focuses on enhancing knowledge and skills in managing disasters and building infrastructure that can withstand natural calamities. It covers topics such as disaster preparedness, mitigation strategies, risk assessment, and designing resilient infrastructure to reduce vulnerability and improve response and recovery efforts. Through expert lectures, the program seeks to foster a comprehensive understanding of the disaster management frameworks and international best practices. This FDP will also highlight the role of advanced technologies, materials, and policy interventions in infrastructure a safer and more sustainable future.

Expert Speakers for the Program

Dr. Gupinath Bhandari

Associate Professor & Coordinator, Centre for Disaster Preparedness & Management, Jadavpur University

Dr. Krishna R. Reddy, Professor,

Professor of Civil & Environmental Engineering
Director, Sustainable Engineering Research Laboratory
University of Illinois at Chicago

Dr. Sanket Nayak

Associate Professor, Dept. of Civil Engineering
Indian Institute of Technology (Indian School of Mines),
Dhanbad, India

Dr. Krishanu Roy

Associate Professor
Department of Civil Engineering
University of Waikato, New Zealand

Dr. Rajinder Kr. Bhasin

Norwegian Geotechnical Institute (NGI), Oslo, Norway
Regional Manager Asia

Dr. Sabita Madhvi Singh

Joint Director, National River Conservation Directorate,
Department of Water Resources, RD & GR, Ministry of Jal Shakti

Mr. Soumen Mondal

Deputy General Manager – Planning
Shyam Steel Industries Ltd.

Dr. Hasim Ali Khan,

Assistant Professor and HOD
Department of Civil Engineering, Adamas University

Dr. Swarup Ranjan Debbarma,

Senior Principal Scientist, CSIR – CMERI, Durgapur

Mr. Santu Matia

Scientist B, CSMRS, M/o Jal Shakti, New Delhi

Mr. Subrata Mridha

Sub Divisional Officer, Irrigation department
Government of West Bengal

Mr. Sourav Dhar

Executive Engineer, Irrigation department
Government of West Bengal

Mr. Minaruddin Khan

Assistant Engineer, PWD Roads, Birbhum,
Government of West Bengal

Who can participate

Faculty members of AICTE approved Institutions, Research Scholars, PG Students, participants from Government, Industry (Bureaucrats/ Technicians etc.) and staff of host Institutions.

Guidelines

- A test will be conducted by the coordinators at the end of the program.
- The certificates will be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.
- Registration is online through ATAL portal
- A maximum of 200 participants will be enrolled.

Registration link

No Charge for Registration, Course and Certification.

For registration, please visit the ATAL Academy portal: <https://atalacademy.aicte-india.org/login>

Participant create your login ID and password Search for and apply to the FDP titled “**Climate change and its impact on Disaster Frequency**”

For clarifications, please email to: - cccaiodf.au@adamasuniversity.ac.in