

Patron-in-Chief

Prof. Sk Abu Taher Kamruddin
Hon'ble Vice Chancellor, Aliah University

Patron

Dr. Syed Nurus Salam
Registrar, Aliah University

Co-Patron

Prof. Babulal Seal
Dean of faculty of Science and Technology

Chairperson

Dr. Supia Khatun (t: +91 8617758187)

Convener

Dr. Indranil Mukherjee (t: +91 9051372187)

Co-Conveners

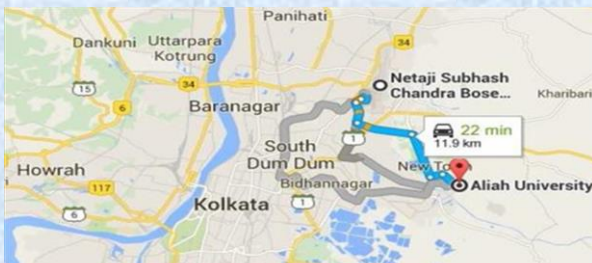
Mr. Md Wasim Akram (t: +91 9674258946)
Mr. Md Raghib Adil (t: +91 9748137208)

Organizing Committee

Dr. Jafar Sadak Ali Mr. Nehal Ahmed
Mr. Abhijit Mondal Mr. Mohsin Jamal
Mr. Mohd. Sayeed Ul Hasan

Address:

Department of Civil Engineering, Aliah University,
1st Floor, Left Block
II-A/27, Action Area II New Town, Kolkata West
Bengal, 700160
E-mail- aucivilengineering23@gmail.com



Weather

Weather during the third week of March in Kolkata is mostly warm with temperatures hovering in the range of (21-32) degree centigrade. The days are mostly warm with pleasant breezes in the late evenings and mostly pleasant nights. Normally no rainfall is expected during this time except maybe due to some depressions if developed.



REGISTRATION FORM INTERNATIONAL SEMINAR

on
**RECENT CHALLENGES IN THE FIELD OF CIVIL
ENGINEERING FOR A SUSTAINABLE FUTURE”**
17th-18th March 2023

For details, visit our University Website (aliah.ac.in)

Last date of registration is 2nd March 2023

Participation Details

Name:.....
Designation:.....
Affiliation:.....
Contact No:
E-Mail:
Transaction ID.....

Registration Fee

For Students & Research Scholars = Rs. 500/- (USD-\$30)
For Academician=Rs 1000/- (USD-\$50)
For Industry personnel = Rs 1500/- (USD-\$60)

Accommodation:

Accommodation will be provided to outstation participants only on prior intimation, based on local availability. For accommodation prior intimation is to be given to Prof. Wasim Akram (Mob.+919674258946)

Payment Details

Account Holder: ALIAH UNIVERSITY
Account Number: 1171104000060987
Bank: IDBI Bank
IFSC Code: IBKL0001171
MICR Code: 700259032

(Please e-mail the copy of e-receipt/ screenshot of the online transfer aucivilengineering23@gmail.com)

Each contributor is required to register separately.

I agree to abide by the rules and regulations governing the above International Seminar.

Date: __/__/____ Signature of Applicant

Note: Google form for registration can also be used.

<https://forms.gle/Kr26SvBXNdj9GvXR9>



INTERNATIONAL SEMINAR

on

**RECENT CHALLENGES IN THE
FIELD OF CIVIL ENGINEERING
FOR A SUSTAINABLE FUTURE**

17th-18th March 2023

Organised By

**Department of Civil Engineering
Aliah University**

**(UGC, AICTE and NCTE Approved
Autonomous Institution under the
Department of Minority Affairs and Madrasah
Education, Government of West Bengal)**

www.aliah.ac.in



About the University

The inception of Aliah University happened in the 2008-09, being recognized as an autonomous institution under the Department of Minority Affairs and Madrasah Education, Government of West Bengal. Its roots can be traced back to the Mohammedan College of Calcutta (1780) that was upgraded to Calcutta Madrasah College and then to Aliah University.

The University has three campuses located at New Town, Park Circus and Haji Md Mohsin Square. The University offers varied courses stemming from UG to PhD in Engineering, Basic Science, Management and Business Administration, Humanities and Social Science.

The University believes in delivering students equipped with all the technical knowhows and moral values to solve the problems of the practical world and thereby has set its vision as “To become a Centre of Excellence and to contribute to the society through the pursuit of teaching and research in the emerging areas in each branch of modern science, engineering and technology, social studies, and humanities with a deep passion for wisdom, culture and values.”

About the Department

The department of Civil Engineering was founded in the year 2009. The department houses three M.Tech specializations (Structural, Geotechnical and Water Resources Engineering) with the students of all the three streams being actively involved in research along with the concerned faculty members. The UG students of the department are also given projects directed to challenges to overcome in the practical field of Civil Engineering. The UG and the PG intake of the Department is 60 and 18 respectively as per the stipulated AICTE guidelines. The department has project entitled “Analysis of Failure mechanism and development of effective Bank protection Methodology for river bank in West Bengal” funded by DST (Govt. of W.B) under Dr. Supia Khatun. The Department has also PhD program which started from the year 2018.

The department has fully functional Structural Engineering, Soil Mechanics, Transportation Engineering, Concrete, Hydraulics, CAD and Environmental Engineering laboratories in which apart from the conventional experiments as mentioned for the

students as per the course curriculum are not only performed, but also all the relevant research works related to the relevant laboratories are also undertaken. This has indeed been reflected in some of the publications made by the department from data obtained through experiments in these labs. The department enjoys a vibrant relationship between the students and the faculty members, all being devoted to the betterment of the department through participatory research.

To progress and keep at par with the present and upcoming technical challenges related to the field of Civil Engineering, the Department has set its vision as “To be identified as a Centre of excellence in Civil Engineering by imparting high quality education, motivating students for in depth research and producing technically sound professionals having high quality ethical values devoted to the betterment of nation.”

About the Seminar

In the era of 21st century as rapid urbanization and industrialization on one hand is imposing a challenge to the surrounding society, on the other hand proper natural resource management and planning is very much required to cope up with this challenge and to maintain a proper balance of the environment in pursuit of the progress. In every field of engineering, new technologies are coming up and making marked progress, but at the same time it is very essential that the progress should not be short lived. It should be designed for a long term; hence the concept of sustainable future is very conspicuous for whatever the technological advancements are. In this context, considering the need of the hour, the Civil Engineering Department of Aliah University is organizing the International Seminar on “Recent Challenges in the field of Civil Engineering for a Sustainable Future”. The event is directed for disseminating the ideas of some eminent, distinguished speakers from different corners of the globe related to technological challenges faced, the technologies adopted to combat them for a sustainable future in the field of Civil Engineering.

Programme Schedule

Day-1 (17/03/2023)

Eminent Speakers

- 1) **Prof. Ambarish Ghosh**, Professor, Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur, India.
- 2) **Dr. Mohammed Rabiun Sunny**, Assistant Professor, Department of Aerospace Engineering, Indian Institute of Technology, Kharagpur.
- 3) **Dr. Yogendra Tandel**, Assistant Professor, Applied Mechanics Department, Government Engineering College Valsad, Valsad, Gujarat, India.
- 4) **Prof. (Dr.) Santi Pada Gon Chaudhuri**, Visiting Professor, School of Advanced Materials, Green Energy and Sensor Systems, IEST, Shibpur.

Day-2 (18/03/2023)

Eminent Speakers

- 1) **Mr. Ataur Rahman**, President of Pryco Global Inc 6030-88 St, Edmonton, Alberta, T6E 6G4, Canada
- 2) **Prof. Dhruvajyoti Sen**, Professor, Department of Civil Engineering, Indian Institute of Technology, Kharagpur.
- 3) **Dr. Gupinath Bhandari**, Associate Professor, Department of Civil Engineering, Jadavpur University, Kolkata.
- 4) **Dr. Debasish Das**, Assistant Professor & HoD, JIS College of Engineering, Kalyani, W.B.
- 5) **Mr. Tamanud Das**, Manager, iTwin platform Developer success, Bentley Systems

And

- 1) Poster Presentation on the seminar topic
- 2) Award distribution & certification for Students Competition "Designing a Multi Storied RCC Building using STAAD.Pro and RCDC ([link to participate](#))" by Bentley Systems under the aegis of Dept. of Civil Engineering of Aliah University.
Sponsored by: Bentley Education
Chief Guest: Abrar Ahmed, Structural Software Engineer, Bentley Systems

Note: The prizes for the competition include [laptop](#), [iPad](#), and other exciting rewards.