ABOUT THE INSTITUTION

Aligarh Muslim University (AMU) occupies a unique position amongst universities and institutions of higher learning in the country. It was established in 1920, and evolved out of the Mohammedan Anglo-Oriental College (MAO College) which was set up in 1877 by the great visionary and social reformer, Sir Syed Ahmed Khan. From its very inception, it has kept its door open to the members of all communities and from all corners of the country and the world. The Aligarh Muslim University is the realization of a vision which was broad, far-reaching and realistic. Spread over 467.6 hectares in the city of Aligarh, Uttar Pradesh, Aligarh Muslim University offers more than 300 courses in the traditional and modern branches of education. It draws students from all states in India and from different countries, especially Africa, West Asia and Southeast Asia. In some courses, seats are reserved for students from SAARC and Commonwealth Countries. The university is open to all irrespective of caste, creed, religion or gender. It ranks 8th among the top 20 research universities in India. It has more than 28,000, students, 1,342 teachers and some 5,610 non-teaching staff on its rolls. The university now has 12 faculties comprising 98 teaching departments, 3 academies and 15 centres and institution. A special feature of the university is its residential character with most of the staff and students residing on the campus. There are 19 halls of residence for students with 80 hostel. Apart from the conventional Under graduate and Post graduate courses in Social Sciences, Sciences and Humanities, the university keeps pace with the nations growth by offering facilities for specialized learning in areas of technical, vocational and inter-disciplinary studies. It is proudly Islamic and proudly Indian institution: a living symbol of composite culture of India and a bulwark of its secular principle.

ABOUT THE DEPARTMENT

The Department of Civil Engineering in the Faculty of Engineering and Technology has been constantly contributing to the cause of engineering education and training right since its inception in the year 1942. The Department has highly qualified faculty supported by excellent laboratories and state of art computing facilities. Many research projects sponsored by A.I.C.T.E, U.G.C., D.S.T., C.S.I.R., D.R.D.O., C.S.T.(U.P.), M.O.E.F. and Indian Oil Corporation, Govt. of India have been successfully completed and many under progress. Joint research projects are currently underway in collaboration with JICA and European Union. The Department organized two international conferences one in 2009 and other in 2011 in the area of environmental engineering in collaboration with foreign universities. In the last five years 32 National Conferences/Workshops/Seminar/Training Programmes have been successfully organized. There has been tremendous thrust in the consultancy work in the Department in the last five years. In the last 5 years Research Projects worth Rs. 69.79 Lakhs have been completed. Currently Research Projects worth Rs. 15 Crores are going on. In the last few years, a large number of Industrial Consultancy projects have been completed. In the last 5 years 429 Research Papers have been published by the faculty members. In the last 5 years 6 Patents have been published by the faculty members. The National Board of Accreditation (N.B.A.), New Delhi accredited the department of civil engineering for full five years in 2008-09. At the under graduate level, the Civil Engineering Department offers B. Tech. (Civil) course and at the post graduate level M. Tech. course is offered in four major fields of specialization viz. Structural Engineering, Hydraulic Structures, Environmental Engineering and Geotechnical Engineering. At the Doctoral level, the Department offers Ph. D. in Structural Engineering, Hydraulic Structures, Environmental Engineering and Geo technical Engineering. Zakir Husain college of Engineering and Technology is one among the seven institutes identified by M.H.R.D., Government of India, for the up gradation to the level of Indian Institute of Technology (I.I.T.). The Department received DST-FIST Infrastructure development and DST-PURSE grant from Department of Science and Technology, Ministry of Science and Technology. It is UGC SAP-DRS Phase I and TEQIP-II funded department.

PREAMBLE

Sustainable development related to conservation of the environment, the welfare and safety of the people have been subject to increasing concern of the society during the last decades. At the same time optimal allocations of available natural and financial resources are considered very important. There- fore methods of risk and reliability analysis in civil engineering developed during the last decades are becoming more and more important as decision support tools in civil engineering applications. Civil engineering facilities such as bridges, buildings, power plants, dams and offshore platforms are all intended to contribute to the benefit and quality of life. Therefore when such facilities are planned it is important that the benefit of the facility can be identified considering all phases of the life of the facility, i.e. including design, manufacturing, construction, operation and eventually decommissioning. Workshop on Reliability and Structural Safety aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Reliability and Structural Safety. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Reliability and Structural Safety.

THEMES

• Reliability and Structural Safety
• Bridge Pier Reliability against scour
• Earthquake Engineering
• Geotechnical Engineering
• Offshore and Marine Structures
• Structural Health Monitoring
• Wind Engineering
• Reliability-Based Design and Regulations
• Fatigue Reliability

RESOURCE PERSONS

Prof. D.K. Paul, Department of Earthquake Engg., IIT-Roorkee
Prof. Suhail Ahmad, Department of Applied Mechanics, IIT- Delhi
Prof. Y. Singh, Department of Earthquake Engg., IIT-Roorkee

PARTICIPANTS

The workshop is aimed to cater persons from Academic institutes, Professionals from Industry, Government Organizations, Research Scholars and B.Tech. / M.Tech. Students.

REGISTRATION FEE

Professionals from Industry : Rs.1000/-
Officers from Government Organizations: Rs.700/-

MODE OF PAYMENT

Demand draft or cheque in favour of Chairman, Department of Civil Engineering, AMU, Aligarh or in cash latest by 10th November, 2017.
REGISTRATION FORM
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(11th November, 2017)

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RECOMMENDATION:
The applicant is hereby recommended and permitted to attend the workshop.

Signature of the Chairman of the Department /Organization

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