Functions performed by the Institution

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, the welfare and safety of the environmental engineering applications. Civil engineering facilities such as bridges, buildings, power plants, dams and offshore platforms are all important and 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. T.K. Datta, Department of Civil Engg., IIT- Delhi
Prof. Suhail Ahmad, Department of Applied Mechanics, IIT- Delhi
Prof. Manish Shrikhande, 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

Faculty Members from Academic Institutes: Rs.700/-
Professionals from Industry: Rs.1000/-
Officers from Government Organizations: Rs.1000/-
Research Scholars and M.Tech. Students /B.Tech.: Rs.500/-

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Demand draft or cheque in favour of Chairman, Department of Civil Engineering, AMU, Aligarh or in cash latest by 25th October, 2016.
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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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