

JAMIA MILLIA ISLAMIA
(A Central University by an Act of Parliament)
Department of Civil Engineering &
Indian Concrete Institute
New Delhi Centre
Organized
One day National Seminar on
NANO REINFORCED CONCRETE
CONSTRUCTION
22nd July 2019, Monday
Registration Form

Name: _____

Designation: _____

Department: _____

Organization: _____

Mailing Address: _____

Mobile No.: _____

E-mail Id: _____

Registration Fee:

Amount: _____ DD No-----
in case of NEFT/RTGS
Transaction reference no./ID. _____

Date: _____

Bank: _____

Branch and Address:

Place: _____

Signature of the Applicant

Sponsoring Authority

Mr./Ms/Dr. _____ is an
employee of our organization and is sponsored to attend the
program.

Date: _____ Signature of Principal/Head of Section

TARGET PARTICIPANTS

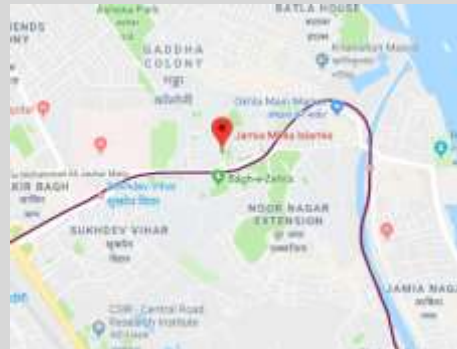
The program is open for the faculty members/ research
scholars/ students of Engineering and Management
institutions and participants from Construction
Industry/Government.

REGISTRATION FEE

For Faculty: Rs.1000/-
Research scholars/Students: Rs. 600/-
For Industry participants: Rs. 2000/-

Fee to be paid in the form of Cheque/ DD drawn in
favor of "Registrar JMI ", payable at New Delhi-110025

LOCATION



Department of Civil Engineering
JAMIA MILLIA ISLAMIA
Maulana Mohammad Ali Juarhar Marg
Jamia Nagar, New Delhi -110025

IMPORTANT DATES

Last date for registration : 30th June 2019
Poster material submission : 20th July 2019
Seminar date : 22nd July 2019

Venue: Auditorium
JAMIA MILLIA ISLAMIA
New Delhi -110025
www.jmi.ac.in



One day
National Seminar
On
NANO REINFORCED CONCRETE
CONSTRUCTION



22nd July 2019, Monday

Organized by
Department of Civil Engineering
Faculty of Engineering and Technology
JAMIA MILLIA ISLAMIA
(A Central University by an Act of Parliament)
New Delhi -110025

In association with



Indian Concrete Institute

New Delhi Centre

ABOUT THE HOST INSTITUTE:

Jamia Millia Islamia, an institution originally established at Aligarh in United Provinces, India in 1920 became a Central University by an act of the Indian Parliament in 1988. Under the colonial British rule, two dominant trends joined hands and contributed towards in the birth of Jamia. One was the anti-colonial Islamic activism and the other was the pro-independence aspiration of the politically radical section of western educated Indian Muslim intelligentsia. In the political climate of 1920, the two trends gravitated together with Mahatma Gandhi as a catalyst. The anti-colonial activism signified by the Khilafat and the pro-independence aspirations symbolized by the non-cooperation movement of the Indian National Congress helped to harness creative energies and the subsequent making of Jamia Millia Islamia. In Urdu language, Jamia means 'University', and Millia means 'National'. The list of Faculties of Jamia Millia includes Education, Humanities, Languages, Natural Sciences, Social Sciences, Law and Engineering & Technology. At the Faculty of Engineering & Technology many courses and programme at UG and PG levels are being run.

ABOUT DEPARTMENT CIVIL ENGINEERING:

The Department of Civil Engineering is one of the oldest and the largest department in the Faculty of Engineering & Technology. It offers two undergraduate courses in Civil Engineering and the Master's programmes with specializations in Environmental Engineering and Earthquake Engineering. In all, there are around 560 students in undergraduate programmes and 75 students pursuing their Masters degree. These courses are supported with strong doctoral programmes in all the major specializations of Civil Engineering. More than 35 Ph. D. research scholars including many from foreign countries are currently working in the department on emerging research areas. Leading MNCs and public sectors are regular recruiter of its students and many students have been selected in Engineering Services. Several of its alumni pursued higher education in USA, UK, Germany, Canada, Australia and France and have been appointed as faculty members and consultants abroad. The department has produced several eminent engineers who have made important contributions in the planning and execution of many important Civil Engineering projects in India as well as abroad,

ABOUT INDIAN CONCRETE INSTITUTE:

Indian Concrete Institute (ICI) is the national organization of engineering professionals employed in concrete construction and associated research. It has several states centre spread all over India. ICI promotes growth of Concrete Technology and construction and addresses the Research needs. ICI

organizes various National and International workshops, conferences, seminars and exhibitions for benefitting all. **Mr. Shishir Bansal** is the Chairman, **Mr Vinaya Gupta** is the President(elect) and **Mr Rajeev Singhal** is the Hony. Secretary of ICI-NDC.

NANO-TECHNOLOGY:

Nanotechnology is the areas which also includes now disciplines such as civil engineering and construction materials as well. Nanotechnology is the understanding, control, and restructuring of matter on the order of nanometers (i.e., less than 100 nm) to create materials with fundamentally new properties and functions. Nanotechnology encompasses two main approaches: (i) the "topdown" approach, in which larger structures are reduced in size to the nanoscale while maintaining their original properties or deconstructed from larger structures into their smaller, composite parts and (ii) the "bottom-up" approach, also called "molecular nanotechnology" or "molecular manufacturing," in which materials are engineered from atoms or molecular components through a process of assembly or self-assembly. Nano girder like structures could be assembled now using this second approach for all possible advantages on use in building materials for construction.

ABOUT THE SEMINAR

Concrete is the most ubiquitous material in the world, which in itself is nanostructured, multi-phase, composite material, composed of an amorphous phase, nanometer to micrometer size crystals, and bound water. This concrete may further be nano-reinforced by the incorporating nanosized building blocks or objects (e.g., nanoparticles, nanotubes / nano girders) to control material behavior and with enhanced properties, The potential development of such concept of nano materials girder reinforced cement concrete composites offering sustainable, enhanced ultra high strength mechanical, thermal, and electrical properties is very new and promising. This Seminar therefore will discuss and hold a poster session on all aspects of the nanoreinforced concrete composites constructions and the outcome of such threadbare deliberation will help cement manufacturer, the prospective real estate developers, house owners in getting them knowledge on the design of such ultra high strength cement concrete composites so as to adopt with all advantages into their dream projects, the latest trends along with or without use of modern construction tools such as 3D Construction Mix printers(3DcmP).

Speakers at this seminar are from -
IITs,NITs CPWD, PWD Delhi, CBRI & ACCI

PATRON

Prof. Shahid Ashraf
Officiating Vice Chancellor,
Jamia Millia Islamia

CO-PATRON

Prof. Mehtab Alam
Dean, Faculty of Engineering & Technology,
Jamia Millia Islamia, New Delhi-110025

CHAIRMAN

Prof. Gauhar Mehmood
Head, Department of Civil Engineering
Jamia Millia Islamia , New Delhi-110025

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