Report of

Professional development program

on

Quality Assurance Plan of Aggregate: Indian Standard Method

organized by

Department of Civil Engineering, Integral University, Lucknow

from 01.11.2021 to 24.11.2021

Concrete is the most common construction material in the world. It is said to be the most produced material on earth by weight. As concrete is essentially a mixture of aggregate, cement and water; its overall quality heavily depends on its constituent's material. As aggregate alone constitutes 70-80% of concrete, making it one of the most decisive elements for ensuring quality of the mix.

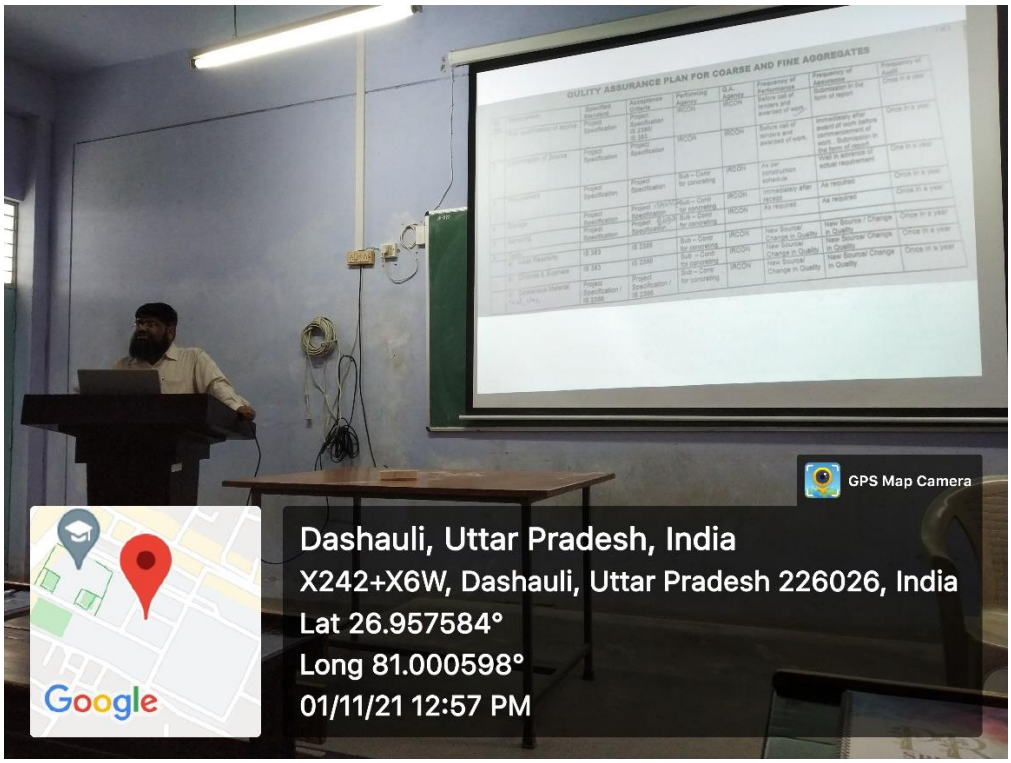
To make faculty members abreast with latest developments, Department of Civil Engineering Integral University, Lucknow, Under the Aegis of Human Resource Development Centre & NEP Task Force, organized a Professional Development Program in "Quality Assurance Plan of Aggregate: Indian Standard Method", referring the guidelines of IS 383: 2016, COARSE AND FINE AGGREGATE FOR CONCRETE — SPECIFICATION (Third Revision) and CPWD quality assurance guidelines 2019 from 01.11.2021 to 24.11.2021 (16 Days). In this Program provisions of the latest revision of codes of practice were discussed along with hands-on in the laboratory.

Total 11 Faculty members and 05 Laboratory instructors participated in the program. Following were resource persons in the Professional Development Program:

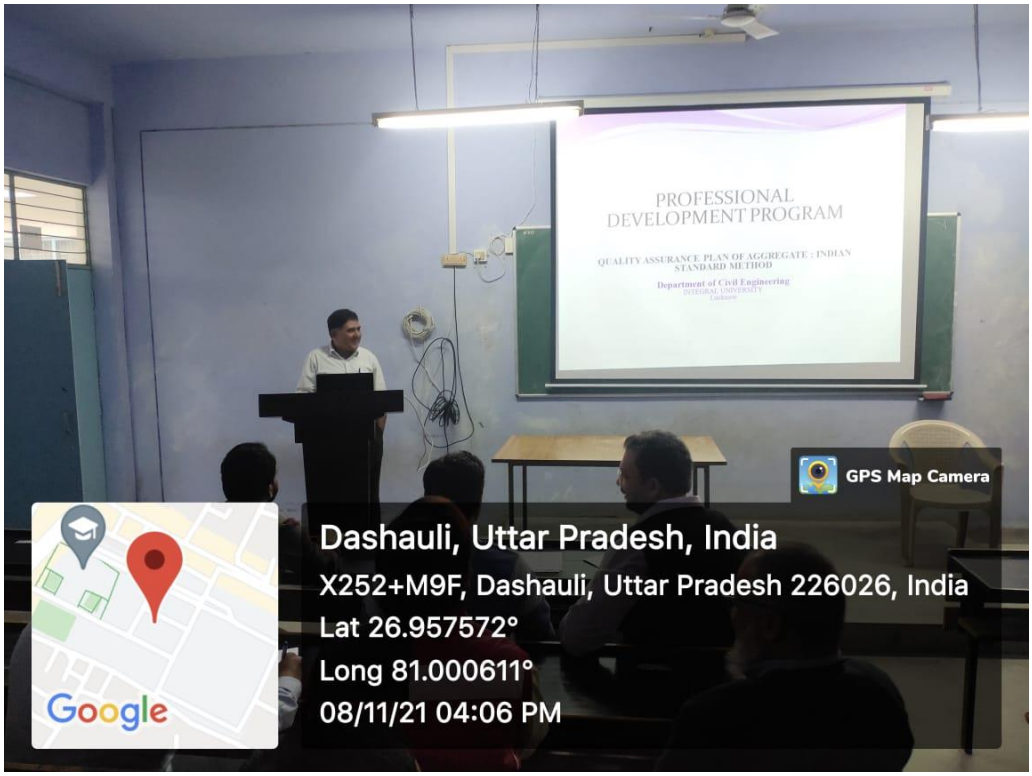
- Dr. Sabih Ahmad, Associate Professor, Department of Civil Engineering, Integral University, Lucknow
- Mr. Zishan Raza Khan, Associate Professor, Department of Civil Engineering, Integral University, Lucknow
- Mr. Mohd Kashif Khan, Associate Professor, Department of Civil Engineering, Integral University, Lucknow
- Mr. Rajiv Banerjee, Associate Professor, Department of Civil Engineering, Integral University, Lucknow
- Er. Meraj Ahmad Khan, Assistant Engineer, Uttar Pradesh Irrigation Department

Dr. Sabih Ahmad is his talk discussed about the properties of aggregates suitable for construction and emphasized that the State Uttar Pradesh is very rich in terms of fine quality aggregate quarries. Mr. Zishan Raza Khan in his talk discussed about quality assurance strategies for procurement and storage of aggregates. He also discussed the CPWD latest guidelines for the same. Mr. Mohd Kashif Khan explains the laboratory procedures for ensuring quality of aggregate laid down by IS383. In his lecture Mr. Rajiv Banerjee shed light upon the field requirements of aggregate use and protocols to be followed in line with government guidelines. Er. Meraj Ahmad khan enlighten the participants regarding current government practices for ensuring quality and procurement procedures. On 24.11.2021, valedictory function was organized wherein all the successful participants, Resource Persons, Er. Meraj

Ahmad Khan, Assistant Engineer, Uttar Pradesh Irrigation Department as a resource person & Industry expert and Patron of the program Prof. Syed Aqeel Ahmad, Head, Department of Civil Engineering & Director HRDC, Integral University, Lucknow graced the occasion.
Professional Development Program was successfully completed with the vote of thanks of the Resource person & Course Coordinator, Mr. Zishan Raza Khan, Associate Professor, Department of Civil Engineering, Integral University, Lucknow.



Mr. Zishan Raza Khan, Associate Professor, Department of Civil Engineering, Integral University, Lucknow delivering the talk



Dr. Sabih Ahmad, Associate Professor, Department of Civil Engineering, Integral University, Lucknow delivering the talk

Er. Meraj Ahmad Khan, Assistant Engineer, Uttar Pradesh Irrigation Department delivering the talk

Valedictory Session attended by participants, Resource Persons and Patron of the program Prof. Syed Aqeel Ahmad, Head, Department of Civil Engineering and Director HRDC, Integral University, Lucknow

Patron of the program Prof. Syed Aqeel Ahmad, Head, Department of Civil Engineering and Director HRDC, Integral University, Lucknow addressing the successful participants