Webinar Series No. 68

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has organised

Webinar

on

"Structural Concrete : From Material Behaviour to Structural and Durability Performance – Provisions of Specification in IS 456:2026 (Draft)

Date: Wednesday 18th November 2026 Time: 3.00 pm to 05.00 pm

Link: https://zoom.us/j/97471732974?pwd=D4mFK1Ra3E1ZlChdTqbwNqTZXbEZ6a.1&mynotes=on
Meeting ID: 974 7173 2974 Passcode: 593673



Mr. P. N. Ojha

The Topic:

Small brief of Topic :

The webinar will highlight the material-related provisions of the draft IS:456-2026, focusing on the specification, selection and performance of constituent materials in structural concrete. It will cover cementitious materials, supplementary cementitious materials, aggregates, chemical and mineral admixtures, and emerging sustainable materials. Special emphasis will be placed on the changing behaviour of concrete with increasing strength grades, including modulus of elasticity, autogenous and drying shrinkage, creep and other time-dependent properties. The lecture will establish the fundamental relationship between material behaviour, sectional response, member behaviour and overall structural performance, highlighting its significance in modern Limit State Design. It will also explore performance-oriented material specifications for sustainable, durable and resilient concrete structures.

The Faculty:

Mr. Parmanand Ojha (P.N.Ojha) is a distinguished Concrete Technology expert with over 35 years of experience in the cement, concrete and construction sectors. He is former Joint Director & Head – Construction Development and Research at the National Council for Cement and Building Materials (NCCBM), Ministry of Commerce & Industry, Government of India, where he made significant contributions to research, technology development and industry-oriented solutions in concrete and construction materials. He has been closely associated with the development and revision of IS 456 – Structural Concrete: Code of Practice

He is presently associated with the Concrete Technology Expert Panel of the National Dam Safety Authority (NDSA), serves as Technical Advisor (Concrete Technology) to THDC India Limited, and as Adjunct Professor at Netaji Subhas University of Technology (NSUT), Delhi. He is also the Managing Director of Vivitsa Research & Engineering Pvt. Ltd., Faridabad, providing specialised testing, consultancy, technical advisory, quality assurance and quality control services to the construction industry.

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