

## WEBINAR on “Proposed Changes to IS 456 and IS 1343” – May 14 2020

Dear Engineer,

I write on behalf of Structural Engineering Forum of India [www.sefindia.org](http://www.sefindia.org). Perhaps you may be aware that the concrete code **IS 456:2000 Plain and Reinforced Concrete -Code of Practice and IS 1343 Prestressed Concrete -Code of Practice** are *undergoing a comprehensive revision*. As these codes governs both the materials and design aspect of concrete, changes to the codes have a very wide reaching impact not just on how we will make concrete but also on how we will design our structures in the future.

We at Structural Engineering Forum of India (SEFI is a community of over 24000 mainly structural engineers spread across India) requested Bureau of Indian Standards and the members of the revised code drafting group to share the proposed changes with the engineering community **prior** to finalisation of the draft code for wide circulation. We believe such interactions greatly help in improving the codes that India makes.

To this effect, SEFI **had** planned a one day Seminar on the “Proposed Changes to IS 456 and IS 1343” in Mumbai on March 28 2020 wherein members of the code drafting group were to share the underpinning philosophy and rationale to the codal changes and share the major aspects of revisions and how it would impact material and structural design. We had also allocated 2.5 hours for detailed interaction between the participants and the code drafting group to share experiences, concerns, challenges and suggestions which inform the development of the new code.

Well, due to the COVID-19 Pandemic, the seminar could not be conducted and was deferred to a later date after things had returned to normal. It appears that normalcy is a long way off. We thought instead that we could conduct an e-seminar along the same lines.

SCHEDULE – for WEBINAR on “Proposed Changes to IS 456 and IS 1343” – May 14 2020		
Time	Activity	
9:30-10:00	Registration	
10:00-10:10	Opening Comments	
10:10-11:00	Overview of Proposed Fifth Revision to IS 456 and IS 1343	C V R Murty, IIT Madras
11:0-11:20	Tea Break	
11:20-12:10	Proposed Changes in IS 456 Section 2 and IS 1343 Section 2: Materials and Design for Durability	V V Arora, NCCBM, Ballabgarh
12:10-12:20	Break	
12:20-13:40	Proposed Changes in IS 456 Sections 3-5 and IS 1343 Sections 3 and 4: Design and Detailing	Rupen Goswami, IIT Madras
13:40-14:15	Lunch Break	
14:15-14:30	Some Concerns and Comments on IS 456:2000 from SEFI discussions	Alpa Sheth, SEFI
14:30-16:00	Open House for Suggestions, Queries and Comments from Participants	
16:00-16:10	Closing Comments	

### About resource persons:

- **C V R Murty** is Institute Chair Professor at IIT Madras. He has been associated with major revisions of the Indian Seismic Codes for buildings and bridges, and in development of NDMA guidelines towards earthquake for disaster mitigation.

- **Rupen Goswami**, is Associate Professor, **IIT Madras** and is a member of BIS and IRC committees. His research interests are in seismic design of reinforced concrete and steel structures. He has co-authored numerous publications with Prof Murty such as “Earthquake Behaviour of Buildings” and “Introduction to Earthquake Protection of Non-Structural Elements in Buildings”.
- **V V Arora** is Joint Director & Head, Centre for Construction Development and Research, National Council for Cement and Building Materials Ballabgarh, Haryana. He is Member of various BIS, IRC and ISO Committees/Panels related to design, construction and construction materials and chairs the BIS Committee CED 53 on cement matrix products.
- *The above speakers are members of Code Drafting Group for IS 456 and IS 1343.*

**Participation:** Participation in the e-seminar shall be through popular video conferencing platform called **zoom**. Detailed steps shall be provided.

**Participation Fee:** Delegates already registered for proposed in person seminar are deemed to be pre-registered. New delegates are required to pay an invitation price which is donation of Rs. 1000/ to SEFI.

**Registration:** Visit <https://www.sefindia.org/?q=node/758>