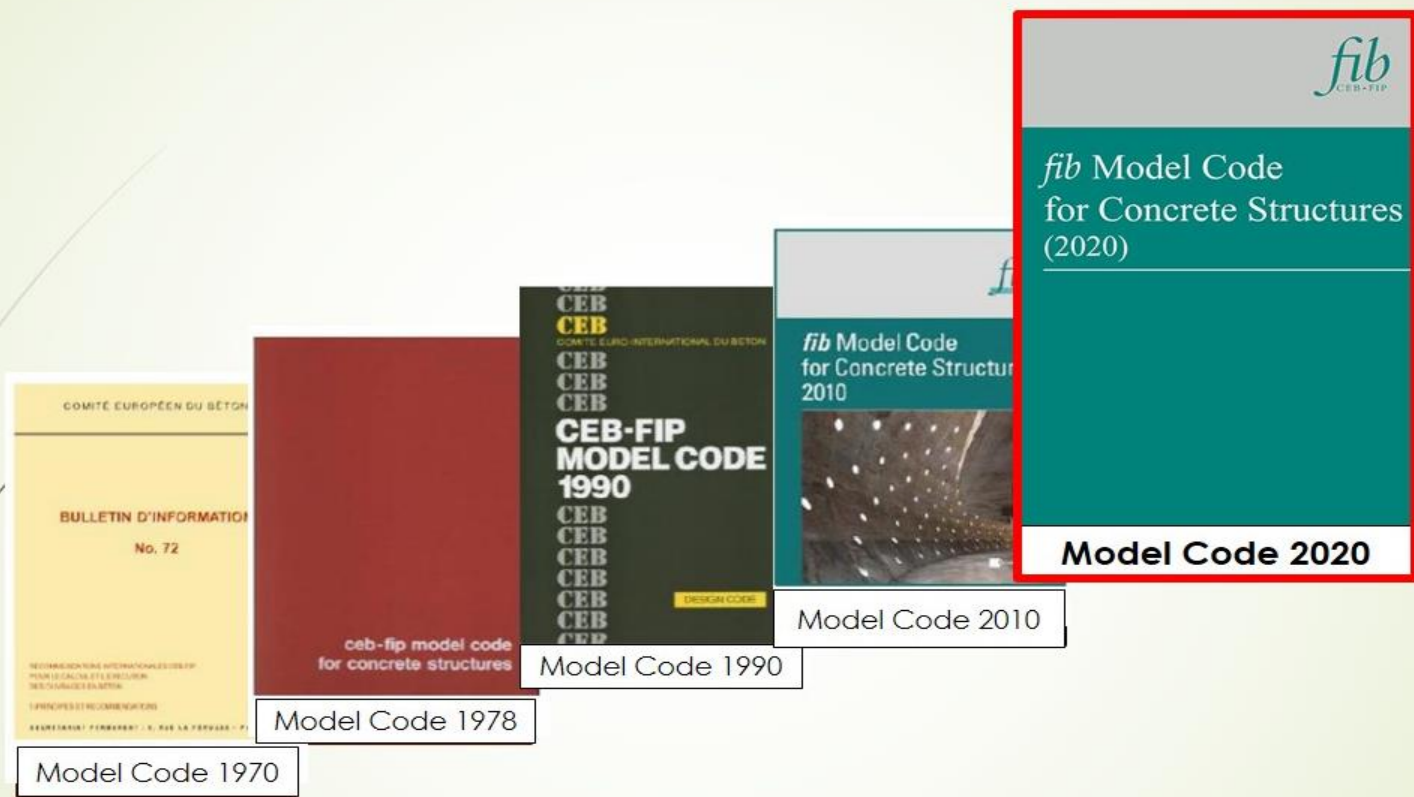


ONLINE COURSE ON

fib Model Code (2020) for Concrete Structures

08 March, 2025 till 05 April, 2025

Every Saturday from 15:00 Hours to 17:30 Hours (IST), (10:30-13:00 CET) (through zoom platform)



ABOUT THE COURSE

fib Model Code (2020) is a comprehensive concrete design code that integrates provisions for both new and existing structures, prioritizing sustainability by considering societal needs, life-cycle costs, and environmental impacts. *fib* MC (2020) emphasizes an integrated life-cycle perspective, addressing aspects like safety, durability, and adaptability while factoring in concrete's significant role in climate change. Developed by over 1400 contributors from 67 countries, *fib* MC (2020) represents the cutting-edge global consensus on concrete structure design, incorporating advancements in science and materials to ensure tested and reliable models.

This course on *fib* Model Code 2020, spreads over 5 Saturdays, is aimed at introducing the recently revised Model Code (2020) to the participants by giving a broad overview of its contents. The speakers chosen for this course are all select members of the *fib* commissions who were responsible for preparing the code MC 2020. The course coordinator will be Dr. Ir. A. J. Bigaj-van Vliet, *fib* Deputy President, Deputy-convener of TG10.1 Model Code 2020 and Convener of TG10.2, Model Code Updating.

Model Code 2020 is the code for the future generation, and therefore Practicing Structural Engineers, Code Makers, Researchers, Academicians, Students, Owners and Manufacturers will all benefit by attending this important course. As inherent in the name itself, MC 2020 is a model code which will be helpful to codes and standards makers in addition to practicing engineers, academicians and researchers and other stakeholders.

Jointly organized by



Supporting Institution



Sponsor



HOW TO REGISTER

Register from the link: <http://iastructe.co.in/online-refresher-course.php>
and send the delegate details and payment details as shown in the step 1 & 2 given below

STEP 1: Registration fee shall be paid through NEFT/RTGS/UPI as per bank details given below :

Beneficiary: Indian Association of Structural Engineers

C. Account No.: 10151200388

State Bank of India(07196)

Branch Address: Flyover Market,

Defence Colony, ND 110024

IFSC: SBIN0007196

MICR: 110002034

SWIFT CODE: SBININBB382

GST NO.: 07AAATI3885P1ZZ

UPI ID : 10151200388@sbi



STEP 2: The details of the participant (Name, Designation, Organization, Email id, Mobile no.) along with the proof of payment shall be sent to iastructe@gmail.com to complete the registration. Students must send their valid student ID card (scanned) along with proof of payment. The registration link for each day's session shall be sent one day prior to the each session to the confirmed participants only. The members who will apply in the category of young engineers for an additional discount of 10% should send their DoB proof.

REGISTRATION FEE

IAStructE/fib/CEAI/IBC Members : Rs 6,000/-* + 18% GST

Non Members : Rs 8,000/-* + 18% GST

IAStructE/fib Student Members : Rs 1,500/- + 18% GST

Students : Rs 2,500/- + 18% GST

Foreign Nationals : INR 12,000/-*

(Foreign nationals - 20% discount for members from Associations having MoU with IAStructE (such as JSSI, IStructE UK, SEANeP)

** Additional 10% discount applicable for Young Engineers upto 35 yrs age (Not applicable for Student Category)*

Every five registration from one organization will entail one free registration from the same organization

(E-Certificate of participation will be provided jointly by fib and IAStructE to those who will have 80% attendance during the entire course)

Proficiency Certificate will be provided to those who will qualify the assessment test, which shall be conducted after concluding session

SPONSORSHIP OPTION

ENTITLEMENTS	DIAMOND Sponsor INR 3,00,000 + 18% GST*	GOLD Sponsor INR 2,00,000 + 18% GST*	SILVER Sponsor INR 1,00,000 + 18% GST*
Presentation Slot	15 mins.	10 mins.	NA
Advertisement in SED (Quarterly journal of IAStructE published as soft copy)	One Colour Page (for four issues)	One Colour Page (for two issues)	One Colour Page (for one issue)
Advertisement in monthly Newsletter	One Colour Page (for six issues)	One Colour Page (for four issues)	One Colour Page (for two issues)
Complimentary Delegates	Six	Four	Two
Logo in Flier, Banner Company Profile to all delegates			

For any clarification, please contact the IAStructE Secretariat on

Email iastructe@gmail.com, Tel: 011-45794829, +919968299155



PROGRAMME - Online Course on fib Model Code (2020) for Concrete Structures



TIMINGS: 15:00 HRS TO 17:30 HRS (IST) (10:30-13:00 CET)
(Every Saturday from 08 March to 05 April 2025)

Course Coordinator: Agnieszka Bigaj-van Vliet

Course Moderator: Mr. V. N. Heggade

S. No.	Title	Duration	Faculty
DAY 1 (8 March 2025)			
	Welcome & Inaugural	15 mins	Prof. Íria Lícia Oliva Doniak , Associação Brasileira da Construção Industrializada de Concreto (ABCIC), Brasil, President fib Prof. R. Pradeep Kumar , President IAStructE Mr. Manoj Mittal , Chairman, PD&TE Committee, IAStructE
1	Introducing the fib Model Code (2020): A Vision for Sustainable and Safe Concrete Engineering	45 mins	Dr. Agnieszka Bigaj-van Vliet , Netherlands Organization for Applied Scientific Research (TNO), The Netherlands
2	Sustainability principles in MC2020	45 mins	Prof. Petr Hajek , Czech Technical University Prague, Czech Republic
	Sponsor presentation	15 mins	TBN**
	Q&A & Panel Discussion	30 mins	
DAY 2 (15 March 2025)			
3	Concrete Models in MC2020: A Review of Recent Advancements	45 mins	Prof. Harald S Müller , SMP Ingenieure im Bauwesen GmbH, Germany
4	Design with Recycled Aggregate Concrete in MC2020	45 mins	Asst. Prof. Nicola Tošić , Universitat Politècnica de Catalunya, BarcelonaTECH, Spain
	Sponsor presentation	15 mins	TBN**
	Q&A & Panel Discussion	30 mins	
DAY 3 (22 March 2025)			
5	Design Innovations with FRC/UHPFRC in MC2020	45 mins	Prof. Marco di Prisco , Politecnico di Milano, Italy, DSC-Erba s.r.l. Italy
6	Integrating FRP Design into MC2020	45 mins	Prof. Stijn Matthys , Ghent University, Belgium
	Sponsor presentation	15 mins	TBN**
	Q&A & Panel Discussion	30 mins	
DAY 4 (29 March 2025)			
7	Durability concepts in MC2020	45 mins	Prof. Carmen Andrade , Institute of Construction Sciences of the CSIC, Spain
8	Assessment methods and models in MC2020	45 mins	Ir. Gerrie Dieteren , Netherlands Organization for Applied Scientific Research (TNO), The Netherlands
	Sponsor presentation	15 mins	TBN**
	Q&A & Panel Discussion	30 mins	
DAY 5 (5 April 2025)			
9	Interventions on existing structures in MC2020	45 mins	Prof. Tamon Ueda , College of Civil and Transportation Engineering, Shenzhen University China
10	Protection, repair and strengthening methods in MC2020	45 mins	Prof. Eduardo Julio , CERIS - Civil Engineering Research and Innovation for Sustainability, Instituto Superior Técnico, Universidade de Lisboa Prof. Koichi Kobayashi , Gifu University, Japan
	Q&A & Panel Discussion	30 mins	
	Closing Remarks & Vote of thanks	15 mins	

**To be notified

Speakers



Agnieszka Bigaj-van Vliet

Principal Scientist, Netherlands Organisation for Applied Scientific Research (TNO), The Netherlands



Petr Hajek

Professor, Czech Technical University, Czech Republic



Harald S Müller

*Senior Expert / Court Admitted Sworn Expert
SMP Ingenieure im Bauwesen GmbH, Germany*



Nikola Tošić

*Assistant Professor, Universitat Politècnica de Catalunya –
Barcelona TECH (UPC), Spain*



Marco di Prisco

*Professor, Politecnico di Milano, Italy, Technical director
DSC-Erba s.r.l. Italy*



Stijn Matthys

Professor, Ghent University, Belgium



Carmen Andrade Perdrix

Institute of Construction Sciences of the CSIC, Spain



Gerrie Dieteren

*Senior Scientist, Netherlands Organisation for Applied Scientific
Research (TNO), The Netherlands*



Tamon Ueda

*Professor, College of Civil and
Transportation Engineering, Shenzhen
University China*



Eduardo Julio Professor, CERIS - Civil
Engineering Research and Innovation for
Sustainability, Instituto Superior Técnico



Koichi Kobayashi,
Professor, Gifu University, Japan