



INDIAN CONCRETE INSTITUTE BENGALURU CENTRE



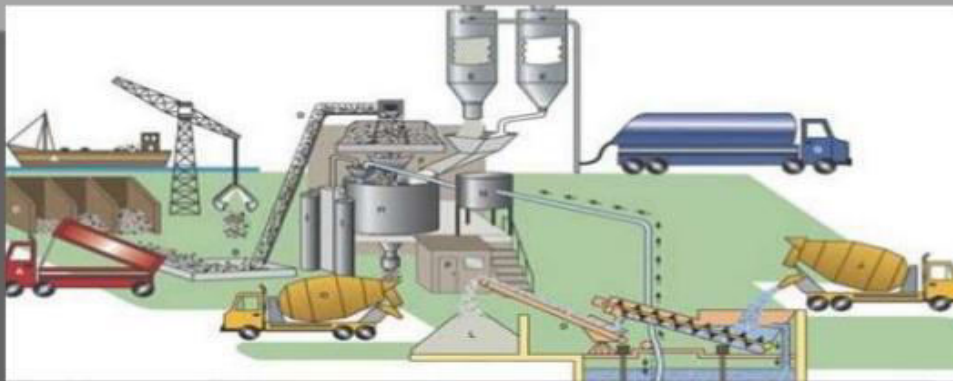
IN ASSOCIATION WITH
**BANGALORE INSTITUTE OF TECHNOLOGY,
BENGALURU**

PRESENTS
**ONE DAY SEMINAR ON
WHY, WHAT & HOW OF CONCRETE MIX DESIGN**

Date: 7th March 2018, Wednesday.

Address: Bangalore Institute of Technology, K R Road, V V Puram, Bengaluru – 560 004

Concrete Mix Design



Unit-III



Concrete mix design process

High Strength Cement	Coarse sand	Stone	Approximate yield
1 Bucket	3 Buckets	3 Buckets	4½ Buckets

Batching by wheelbarrow

High Strength Cement	Coarse sand	Stone	Approximate yield
2 Bags (1 = 50 kg)	3 Wheelbarrows	3 Wheelbarrows	0,3 m ³

Quantities per m³ of concrete

High Strength Cement	Coarse sand	Stone	Approximate yield
6,59 Bags (1 = 50 kg)	0,64 m ³	0,64 m ³	1 m ³

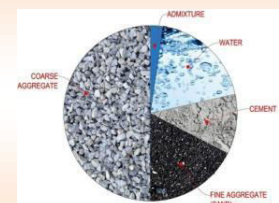
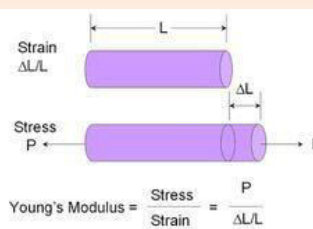


Fig. 2: Highly workable fresh concrete

CONCRETE IS THE MOST VERSATILE & MATERIAL FOR CONSTRUCTION. IT IS THE MOST CONSUMED MATERIAL, PERHAPS NEXT ONLY TO WATER. ESSENTIALS TO GOOD CONCRETE, IS THE KNOWLEDGE OF CONCRETE MIX DESIGN. GET TO KNOW MORE ABOUT CONCRETE MIX DESIGN FROM EXPERTS & PRACTISING PROFESSIONALS IN THE CONSTRUCTION INDUSTRY. IN ITS QUEST AT PROFESSIONAL KNOWLEDGE ENHANCEMENT, ICI-KBC IS ORGANISING THIS 1-DAY NATIONAL SEMINAR. TO REGISTER AND FOR MORE DETAILS, PLEASE SEE Pg-2 OF THIS BROCHURE.

Address for Correspondence: Indian Concrete Institute – Bengaluru Centre, Karnataka,
No.2, UVCE Alumni Association Building, K. R. Circle, Bengaluru – 560001.
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ORGANIZED BY
INDIAN CONCRETE INSTITUTE, BENGALURU CENTRE
IN ASSOCIATION WITH
BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU

ONE DAY SEMINAR ON
WHY, WHAT & HOW OF CONCRETE MIX DESIGN

Date: 7th March 2018, Wednesday.

Venue: 2nd Floor, Dr. S Ramegowda Seminar Hall, B.I.T Bengaluru - 04

PROGRAM SCHEDULE

SI. No	Duration	Timings	Details of program
1	30 min	9.00 am – 9.30 am	Registration
2	5 min	9.30 am – 9.35 am	Welcome address by Er. Ravishankar M, Chairman ICI (BC)
3	10 min	9.35 am – 9.45 am	Keynote by Mr. Basavaraj, MD – Chetana Consultants
4	60 min	9.45 am – 10.45 am (50 min presentation + 10 min Q&A)	Session 1: CEMENT AND CEMENTITIOUS MATERIALS Speaker: Dr. R V Ranganath, Professor, Civil Engg. Dept, BMSCE.
5	15 min	10.45 am – 11.00 am	Tea Break
6	15 min	11.00 am – 11.15 am	Sponsors presentation (Main sponsor)
7	60 min	11.15 am – 12.15 pm (50 min presentation + 10 min Q&A)	Session 2: RIGHT AGGREGATE FOR QUALITY CONCRETE Speaker: Dr. M U Aswath, Professor and Head, Civil Engg. Dept, BIT And Vice President (South) ICI
8	60 min	12.15 pm – 1.15 pm (50 min presentation + 10 min Q&A)	Session 3: CHEMICAL ADMIXTURES FOR CONCRETE Speaker: Er. Ravishankar M, CEO, M/s. V2 Civil Diagnostics, Bengaluru.
9	45 min	1.15 pm – 2.00 pm	Lunch Break
10	15 min	2.00 pm – 2.15 pm	Sponsors presentation (Main sponsor)
11	120 min	2.15 pm – 4.15 pm	Session 4: PROPERTIES OF CONCRETE AND PROPORTIONING OF CONCRETE MIXES_as per IS10262 Speaker: Dr. R Nagendra, Director, M/s. Stedrant, Bengaluru.
12	15 min	4.15 pm – 4.30 pm	Feedback from participants
13	5 min	4.30 pm – 4.35 pm	Vote of tanks by Dr. Radhakrishna, Secretary ICI (BC)

Please Note: Schedule is subject to modifications depending on contingencies that may arise.

Registration Fee:	Rs.1,000/-* person for ICI, ACCE, INSTRUCT Members; Rs.1,500/-* for others. (Fee Includes Lunch, Tea)
Main Sponsor:	Rs.25,000/-* (5 minutes Presentation, 2 Standee Space, 3 Delegates Free)
Supporting Organisation:	Rs.15,000/-* (1 Standee Space, 2 Delegates Free)
Technical Inserts:	Rs.10,000/-* (for 2 Inserts of A4 Size; Inserts to be provided by respective sponsor)

***Excluding GST**

***Please make all payments through Electronic Transfer to: INDIAN CONCRETE INSTITUTE-Karnataka Bengaluru
Centre, A/c No. 04121010000530, Current Account, Syndicate Bank, IFSC Code: SYNB0000412, Syndicate Bank,
J.C. Road Branch, Bengaluru. PAN: AAATI0256J, GSTIN: 29AAATI0256J1ZM.***

***Please email receipt/reference number clearly mentioning your name and date of remittance,
to: icikbc@gmail.com, so as to receive a confirmation of your registration from ICI office.***

***Limited Seats; Please registration early as registration is on 'First-come-first-served' basis.
*Decision of ICI-KBC shall be final and binding on matters of interpretation w.r.t this Seminar.***