

Two-Day Seminar on

ADVANCED CONCRETE MIX DESIGN

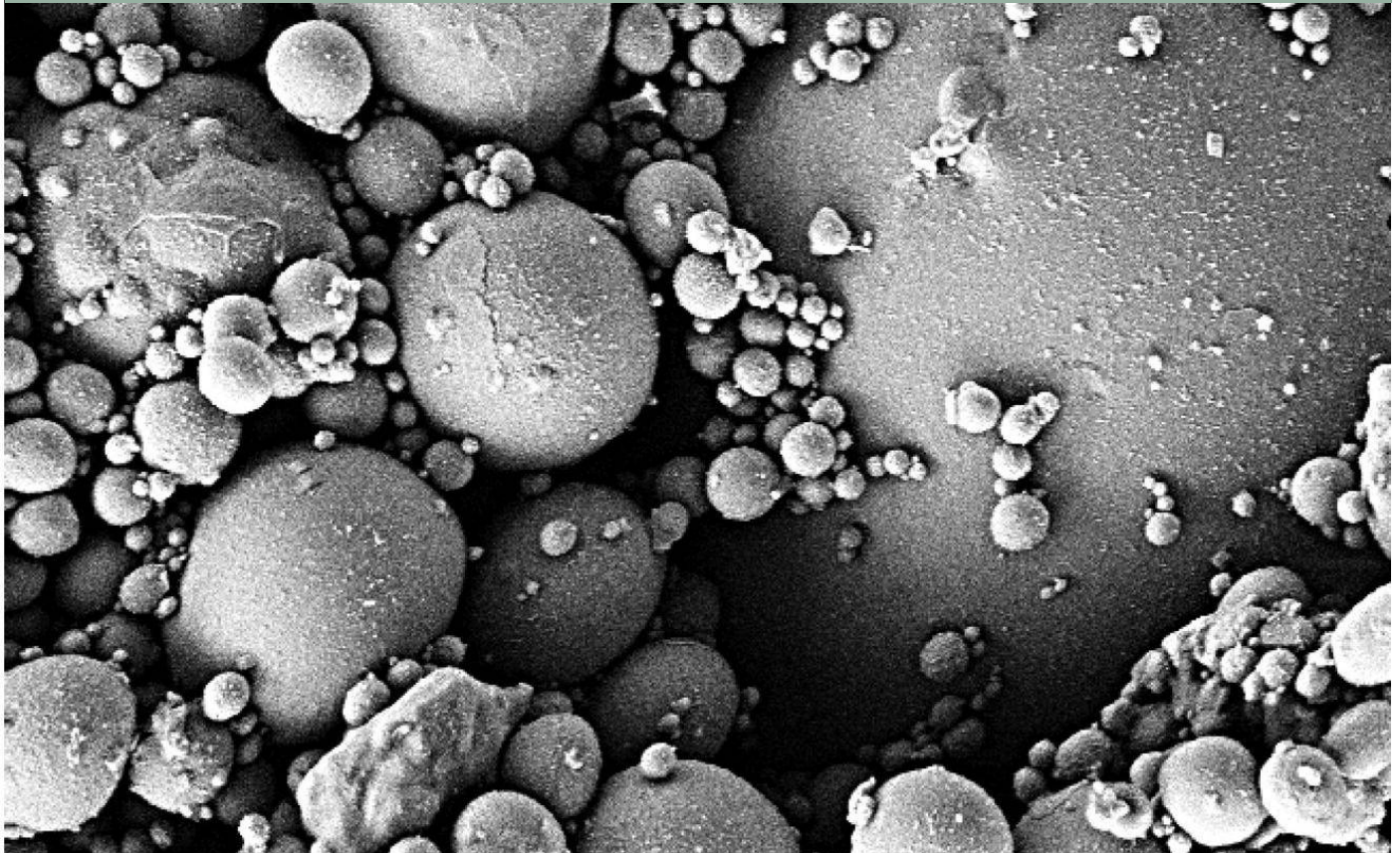
DEPARTMENT OF CIVIL ENGINEERING

Sponsored by



Date: 30th & 31st January, 2018 | **Time:** 9.00 AM to 4.00 PM

Venue: Seminar Hall, KCG College of Technology, Chennai



ORGANISED BY



DEPARTMENT OF CIVIL ENGINEERING



COLLEGE OF TECHNOLOGY

KCG



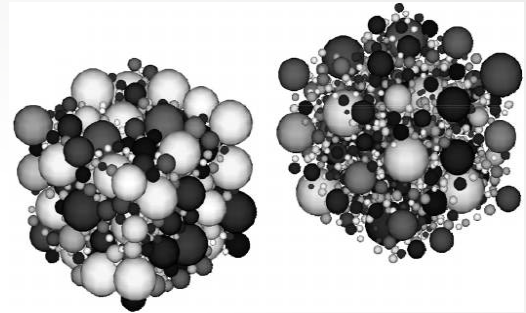
ABOUT THE SEMINAR

The objective of the seminar is to disseminate knowledge and provide a learning experience on Advanced Concrete Mix Design. The topics covered in the seminar are

- Importance of concrete mix design
- Behavior of concrete
- Special concrete like
 - Geopolymer concrete
 - Self-compacting concrete
 - Lightweight concrete
 - High strength concrete
 - High performance concrete (HPC)
 - Reactive powder concrete
 - Nano concrete
 - Normal concrete mix design.
- Selection of concrete materials like
 - Good supplementary cementitious materials
 - Microgranular and packing effect

WHO SHOULD ATTEND?

- Contractors
- Consultants
- Engineers
- Architects
- Building Owners
- Suppliers
- Engineering Students
- Academicians



ABOUT KCG COLLEGE OF TECHNOLOGY - DEPARTMENT OF CIVIL ENGINEERING

KCG College of Technology was founded in 1998 to fulfill the Founder-Chairman, Dr. KCG. Verghese's vision of "Making Every Man a Success and no Man a Failure". It is a Christian minority institution, affiliated to Anna University, Chennai and approved by AICTE, New Delhi. KCG College of Technology aspires to become a globally recognized centre of excellence for science, technology & engineering education, committed to quality teaching, learning and research while ensuring for every student a unique educational experience which will promote leadership, job creation, social commitment and service to nation building.

The Department of Civil Engineering was started in the year 2011 owing to the huge demand for quality Civil Engineers in this country. The Department has highly qualified faculty and excellent infrastructure facilities like state of the art laboratories, class rooms with modern teaching aids like smart class rooms, LCD projectors, computers with internet connectivity and a separate department library. The vision of the Department is to be a centre of knowledge in Civil Engineering education, research, entrepreneurship and industrial consultancy services for creating well-grounded substantial infrastructure and enhancing the quality of life.



ABOUT THE SPEAKERS



Dr. H. G. SREENATH is the Technical Director of Chennai Civil-Tech Research Foundation Pvt. Ltd. (CCTRF). CCTRF is a Center for Civil Engineering Services and a fully equipped building material testing laboratory. He is the former Deputy Director and Head of Prestressed Concrete Group, SERC, Chennai. He is expert in Non-Destructive Testing and advisory services like Repair and Rehabilitation of Structures. He is a recipient of Award of “Outstanding Concrete Engineer of Tamilnadu-2011” institute by ICI & Ultratech. He has published more than 100 Technical papers in National and International conferences and journals.



Dr. N.P. RAJAMANE is the Head, Centre for Advanced Concrete Research (CACR), SRM University, Chennai. He was a Scientist & Head at CSIR-SERC (1973-2010), Chennai, and the Founder Head of Advanced Materials Laboratory. He also worked as the Section Officer, PWD, Panaji, Goa. He has received many awards like Outstanding Concrete Technologist, President’s Gold Medal, etc. He has contributed more than 500 publications and about 100 research papers and also holds 2 Patents. He is an expert in the fields of Concrete technology, High Performance Concretes (HPC) Polymer impregnated concretes, etc.



Dr. M. NEELAMEGAM has served in National Highways, Tamilnadu Water Supply & Drainage Board, and State Archaeology Department, Tamilnadu, India from 1975 to 1977. He joined the Structural Engineering Research Centre (SERC), Chennai in 1977 as Senior Scientific Assistant. He retired in 2011 as Director Grade Scientist and Head, Construction Engineering Laboratory of SERC, Chennai. Currently he is working as Professor, Department of Civil Engineering at Easwari Engineering College, Ramapuram. He is active in the field of advanced cementitious composites and reactive powder concrete, concrete polymer composites etc.



Dr. K. BALASUBRAMANIAN is the Managing Director of Hitech Concrete Solutions Chennai Pvt Ltd, Chennai, an NABL accredited Laboratory. He was positioned as Deputy Director in CSIR-SERC, and has also served as Senior Deputy General Manager- R&D with Consolidated Construction Consortium Limited (CCCL). His areas of research include Concrete Technology, Non Destructive Testing of RC structures and Repair and Rehabilitation of RC structures. He has published over 100 papers and 300 technical reports. He was involved in more than 150 consultancy projects for various Government, Public Sector and Private agencies, including Defense and Nuclear departments and he has filed 2 patents.



Dr. K. JAYASANKAR is currently working as Vice President of UltraTech Cement Limited. He has over 22 years of experience in UltraTech Cement Limited. Prior to UltraTech Cement Limited he worked as Manager at Larsen & Toubro limited for about eight years. He has a vast experience in concrete technology and he is an expert in mix design of high performance concrete.



Mr. KINGSLEY J. D. ERNEST is a Concrete Technology Specialist and Head of Technology Competency Center in L & T Construction Ltd since 2013. He was the Head of Quality & Material Technology in Consolidated Construction Consortium Limited (CCCL). He also has 25 years of experience in L&T Limited as Head in Building Structures Competency Cell. He is skilled in Ready Mix Concrete, Highways, Buildings & Industrial Structures, etc. Also he is a strong consulting professional in the area of concrete making, testing of material for construction and good concrete practice.



Mr. S. RAMAKRISHNAN is currently working as the Business Development Manager of Technical Sales division at Bekaert Mukand Wire Industries Pvt. Ltd. He worked as the Technical Service Manager in BASF Ltd. for about 2 years and has also worked in R&D division of UltraTech Cements Ltd. for about 3 years. He holds a post-graduation from IIT -Delhi, with keen interest on concrete technology, materials, chemicals, high performance concrete, steel fibre, etc.

REGISTRATION FEE

Delegates (Professionals)	Delegates (Academia)	PG Students & Research Scholars	UG Students
₹ 2,000	₹ 1,800	₹ 1,000	₹ 750

Spot Registration Available | Offer Available for Group Registration

SPONSORSHIP OPPORTUNITIES

PLATINUM	DIAMOND	GOLD
₹ 20,000	₹ 10,000	₹ 5,000
10 Free Delegates 15 mins. Speaker Slot	5 Free Delegates 5 mins. Speaker Slot	2 Free Delegates

*Sponsors will be provided space to put their stalls in the campus

MODE OF PAYMENT

Registration form along with the fee by demand draft drawn in favour of
"KCG COLLEGE OF TECHNOLOGY" payable at Chennai.

or

Register online at www.kgcivil.com

Chief Patron

Dr.Mrs.Elizabeth Verghese, Chairperson, HGI

Patrons

Dr.Anand Jacob Verghese, Director & CEO, HGI

Dr.Annie Jacob, Director

Advisors

Dr.G.Prabhakaran, Principal

Dr.Sumathi Poobal, Vice Principal

ORGANIZING COMMITTEE:

CONVENORS	: Dr. V. Vandhana Devi, HoD- Civil Engg.
	: Mr. J. John Alexander, Associate Professor
CO-CONVENOR	: Dr. P. Sivakumar, Professor
ORGANIZING SECRETARY	: Dr. P. S. Aravind Raj, Assistant Professor (S.G.)

MEMBERS:

Mr.N.Sampath, Assistant Professor (S.G.)	Ms.P.Kavitha, Assistant Professor
Mr.R.Deepak, Assistant Professor (S.G)	Ms.Ann Mary Mathew, Assistant Professor
Ms.F.S.Frieda, Assistant Professor	Mr.K. Sakhivelan, Assistant Professor
Ms.H.Vishaliny, Assistant Professor	



ADDRESS FOR COMMUNICATION

Mr. J. John Alexander, Convenor

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KCG COLLEGE OF TECHNOLOGY

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