

Innovative World of Concrete

ICI-IWC 2018

International Conference on

INNOVATIONS IN CONCRETE

TO MEET HOUSING AND
INFRASTRUCTURE CHALLENGES

Date: 19th to 22nd September, 2018.

Venue: NIMHANS Convention Centre,
Bengaluru, Karnataka.



ORGANISED BY :

INDIAN CONCRETE INSTITUTE



HOSTED BY :

ICI - BENGALURU CENTRE



ICI-IWC 2018 - International Conference in Bengaluru

Innovative World of Concrete – IWC which is held every 5 years was first organized in Bengaluru in 1993. After being held in many cities, IWC - 2018 is being organized in Bengaluru again after a gap of 25 years. IWC-2018 is being organized in the era of rapid developments in housing infrastructure and smart cities with the challenges of speed, minimum carbon foot prints and maximum safety. It would be a golden opportunity for all to meet on a global platform to see the intergration of research, theory and practice. IWC 2018 also includes exhibition and live products demonstrations.

Themes of the Conference:

- ▶ Technologies for Housing Infrastructure (Affordable Housing, Mass Housing, Innovations in Housing)
- ▶ Challenges and Solutions for Developing Smart Cities (Buildings, Roads, Viaducts, Metro/Mono rails, Water-Supply and Drainage Systems etc.)
- ▶ Technologies for Mega-Projects (Highways, Airports, Railways, Ports and Inland Waterways Sectors)
- ▶ Special Concrete for Irrigation Structures Including for Emergency Repairs
- ▶ Sustainability in Housing & Infrastructure Projects
- ▶ Reengineering of Infrastructure (Health Monitoring, Repair, Rehabilitation and Retrofitting etc.)
- ▶ Innovative Materials for Better Construction

Who should Attend:

Builders, Developers and Contractors, Consultants and Architects, Researchers, Academicians & Students, Government & Public Sector Undertakings, Service Providers, Manufacturers - Cement, Concrete, Concrete products, Construction Chemicals, Concrete Plants & Machineries, Aggregates, Formwork, etc.

About Bengaluru:

Bangalore, officially known as Bengaluru, is the capital of the Indian state of Karnataka. It is a megacity with a population of over ten million, located at an elevation of over 900 m (3,000 ft) above mean sea level. The highest amongst the metropolitan cities in India. Temperature in September averages about 20 ° C.

Bengaluru is referred to as the "Silicon Valley of India" (or "IT capital of India") as it is host to a large number of reputed International IT Corporates like Infosys, Wipro, TCS, Intel, Cisco, IBM, Makino etc. Large Public-sector Organisations such as the ISRO, HAL, BEL, BEML etc., are headquartered in the city along with a large number of Defence Organisations such as the DRDO. Bengaluru is also home to many reputed educational & research Institutions such as Indian Institute of Science (IISc), Indian Institute of Management (IIMB), National Institute of Fashion Technology, National Institute of Design (NID R&D Campus), National Law School of India

University (NLSIU), National Institute of Mental Health and Neurosciences (NIMHANS) and Raman Research Institute.

Kannada is the native language and is commonly spoken. Hindi and English is generally comprehended by cab drivers and police. Bengaluru has a cosmopolitan culture with people from almost all States of India and a substantial number of foreign citizens living and working here. It has a salubrious weather and the residents are very friendly and courteous in their approach with a rich socio-cultural background. There are numerous historical and world-famous heritage sites in the State of Karnataka and is a must-see location for Tourists visiting India, especially Mysuru, Hampi, Badami, Pattadakal, Halebedu, Belur, Shravana Belagola etc. Bengaluru has one of the most modern and large International Airport, called as the Kempegowda International Airport. Bengaluru is amongst the most sought after location to host International and National Conferences.

About ICI-Indian Concrete Institute:

Indian Concrete Institute (ICI) is a leading professional body in India, catering to professionals, Organisations and Institutions in the area of Concrete. ICI is a non-for-profit Organisation, dedicated to the cause of Knowledge dissemination on Concrete and Concrete related areas. Main Objective of ICI is to promote Concrete Technology, Construction and related aspects and address the Research needs in the area of Concrete.

Established in 1982, ICI has since grown into a large Organisation of repute with Regional centres all over India. Today ICI has more than 13,000 professional members and 38 Regional Centres pan-India. ICI has 270 Organisational Members and Students' Chapters. All segments of cement and concrete industries are widely represented in the membership of ICI.

Since inception, ICI has been consistently conducting varieties of programs like Seminars, Workshops, Conferences, Exhibitions, etc. throughout the year at National and International level

attracting active participation and benefiting a large number of professionals in the Construction & Infrastructure Industry like Practicing Engineers, Manufacturers, Traders, Academicians, Consultants and Researchers. ICI has published technical documents, guidelines, standards, in the area of concrete and construction practices, unified code and Hand Books. Activities of ICI are well appreciated and events of ICI are attended by various Governmental organisations such as Central and State Governments, CPWD, PWDs, Municipal Corporation etc. ICI members are part of several Codal Committees of BIS. ICI is an active participant in Asian Concrete Federation (ACF), which is a cluster of nine Asian Countries. ICI has signed MOU with other Concrete Institutes like Singapore Concrete Institute, Concrete Institute of Australia, Korea Concrete Institute, American Concrete Institute and RILEM for exchange of technological Information, technical documents and to organize programmes, jointly.

KEYNOTE SPEAKERS



Dr. Hiroshi Yokota
Professor of Faculty of Engineering,
Hokkaido University, Japan.

Dr. Hiroshi Yokota is a Professor of Faculty of Engineering, Hokkaido University, Japan. He received his M. Eng (1980) and PhD (1993) from Tokyo Institute of Technology, Japan. He had worked for Ministry of Transport - Port - Airport, Research Institute, Japan and then was appointed to a professorship in 2009 at the university. He is now President of Asian Concrete Federation (ACF).

His recent research interests include the life-cycle management of civil infrastructure including durability design, performance evaluation, prediction, and interventions. He currently tries to incorporate the sustainability indicators in the life-cycle management system for decision making in which social, economic and environmental aspects would be objectively evaluated. He is now a convener of ISO/TC71/WG1 "Life-cycle management of concrete structures."



Prof. Mark Alexander
Professor, University of Cape Town,
South Africa

Mark Alexander is Emeritus Professor of Civil Engineering and a Senior Research Scholar in the University of Cape Town. He teaches and researches in cement and concrete materials engineering, with experience in fundamental and applied research relating to design and construction. He is part of the leadership of CoMSIRU at UCT, where work is being done on problems of marine concrete durability, amongst others.

Professor Alexander has published extensively both in South Africa and abroad. He is Immediate Past President of RILEM, an international organisation concerned with research in materials and structures. He acts as a specialist consultant on concrete materials and related problems. He is a Fellow of the South African Institution of Civil Engineering (SAICE), the South African Academy of Engineering (SAAE), the University of Cape Town, and RILEM.



Dr. Ing.-Gregor Zimmermann
CEO, G.tecz Engineering, Germany

Founder CEO of Gtecz Engineering GmbH, Kassel, Germany, an innovation and research & development company on cement bonded high tech materials for industry applications. Gregor did his Masters and PhD from University of Kassel, Germany, where he was also teaching. Gregor has several years of experience in innovative concrete material and its application. Latest research and technical expertise include Nano based particle packing, optimizing algorithms, calculation of water film thicknesses, evolutionary algorithms, Finite Element Methods and databases to develop cement bonded high tech materials for product and material innovations.



Marcel Poser
CEO, Tectus Group,
Switzerland

Marcel Poser is CEO of Tectus Group, a multinational business headquartered in Zurich, Switzerland. The company has diverse operations and investments across a variety of market segments ranging from NDT & sensing, to digital health, to entertainment & lifestyle, to engineering & construction. Marcel leads various businesses in virtual and augmented reality, digitalization, industrial internet, artificial intelligence and engineering productivity with a focus on innovation and value creation for all stakeholders.

Marcel earned his undergraduate degree in structural engineering from Zurich University of Applied Sciences in 1999 and a master's degree from the Cockrell School of Engineering at The University of Texas at Austin in 2001. In 2016 Marcel became only the 30th alumni of The University of Texas at Austin, who is recognized with the prestigious "Outstanding Young Engineering Graduate Award".



Er. Vinay Gupta
Director & CEO,
Tandon Consultants Pvt. Ltd.
New Delhi

After completing his Civil Engineering from BITS, Pilani, India in 1983 Er Vinay Gupta has served Span Consultants Pvt Ltd and STUP Consultants Ltd before joining Tandon Consultants Pvt Ltd, India in 1987, where he is serving as CEO. Er Gupta, has been involved in planning, designing and coordination of design, detailing and tender preparation of various bridges, flyovers, vehicular underpasses, long span and tall buildings, steel structures, chimneys and quality control documents.

He has authored about 50 technical papers in civil engineering journals & conferences and has been lecturing as Guest Faculty in NITHE, CRRI, CIDC, ISDA, DPC, etc.

Er. Vinay Gupta, President Elect, ICI, President at Indian Institute of Bridge Engineers and Director & CEO, M/s. Tandon Consultants Pvt Ltd., New Delhi.

LEAD SPEAKERS:



Dr. Viswanath Mahadevan
Head of Development
Construction Chemicals,
Asia Pacific



Umang Bhavsar
Formwork Specialist
PERI India Pvt. Ltd.
Mumbai



Dr. C R Parthasarathy
Managing Director,
M/s. Sarathy Geotech
& Engineering Services
Pvt Ltd, Bengaluru



Er. Arun Kashikar
Vice President, Head-R&D
MEP & Structures,
M/s. Tata Housing
Development Co. Ltd., Mumbai.



Er. V N Heggade
Whole Time Director,
Gammon Engineers and
Contractors Pvt. Ltd.,
Mumbai



Er. K Srinivasa Reddy
Managing Director,
DesignTree Service
Consultants Pvt Ltd.,
Bengaluru

CALL FOR PAPERS:

Original technical / research papers are invited to be presented either in person or through pin-up paper display. Authors are requested to send the full length papers in IJRET format (<https://www.ijret.org>) not exceeding 6 pages, preferably by 15th July 2018. The manuscript must be in word format with ready to publish format. The papers will be subject to peer review as well as checks for plagiarism. Notwithstanding checks for plagiarism, authors shall be solely responsible to ensure authenticity and ownership of their papers. If papers do not add value or not meritorious for presentation / publication, they shall be rejected. Organisers shall not be liable for whatever & whatsoever in this regards. they will not be accepted for publication. However, authors can present papers without any assurance on publication.

- ▶ Last date of sending full length papers: 15.7.2018
- ▶ Intimation of acceptance: 14.8.2018
- ▶ Receipt of corrected papers along with authors registration: 29.8.2018

Camera-ready-proof-papers can be sent to secretary.icibc@gmail.com with a copy to iwc.blr2018@gmail.com. Authors presenting their papers shall register for IWC-2018 without fail.

All the accepted papers shall be published in :

IJRET - International Journal of Research in Engineering and Technology. e-ISSN 2319-1163, p-ISSN 2321-7308



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Indian Concrete Institute - Bengaluru Centre, Karnataka

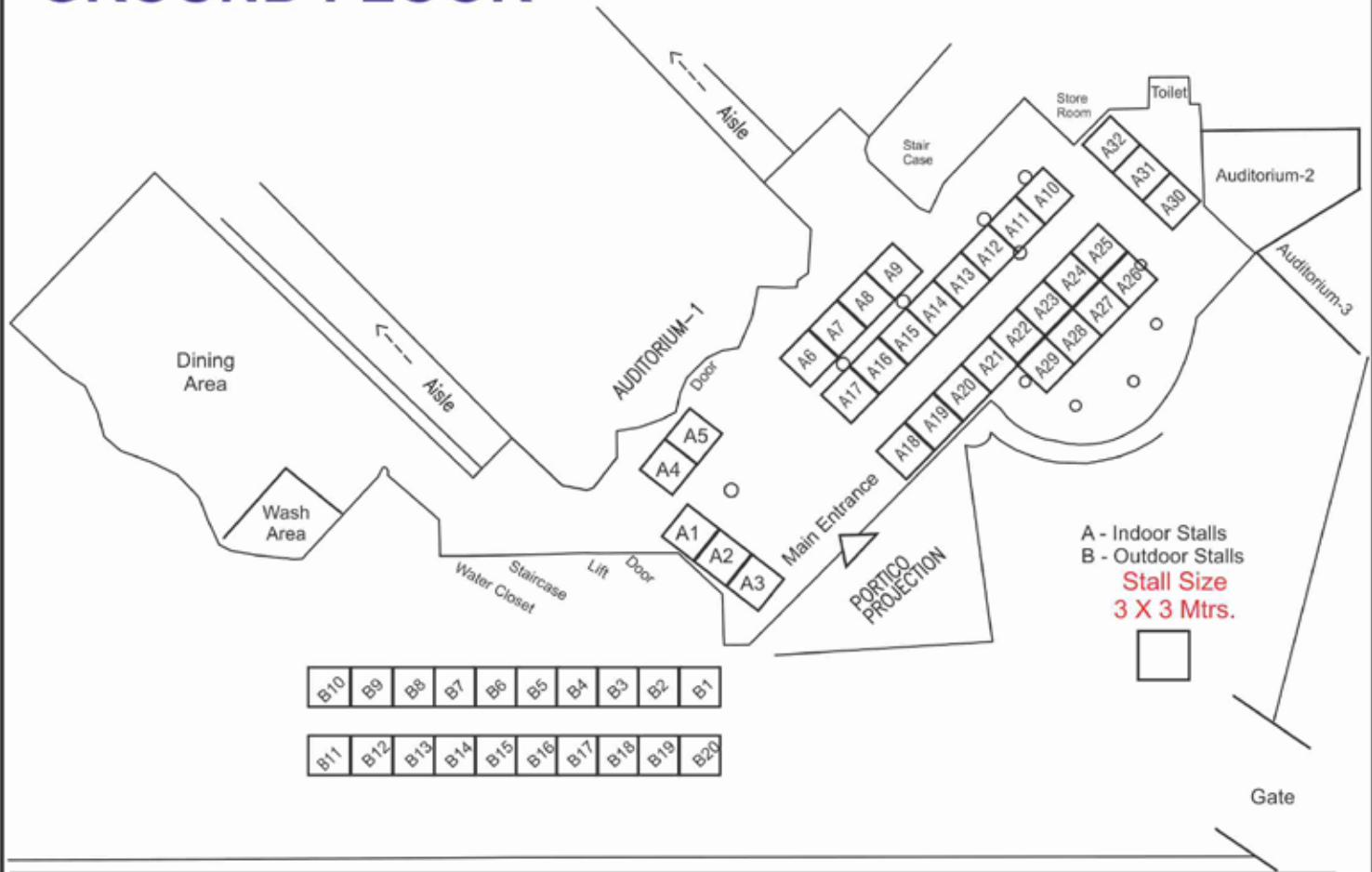
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Tel: 080-2222 4803 / 0-98861 27398 | Email: secretary.icbc@gmail.com, iwc.blr2018@gmail.com

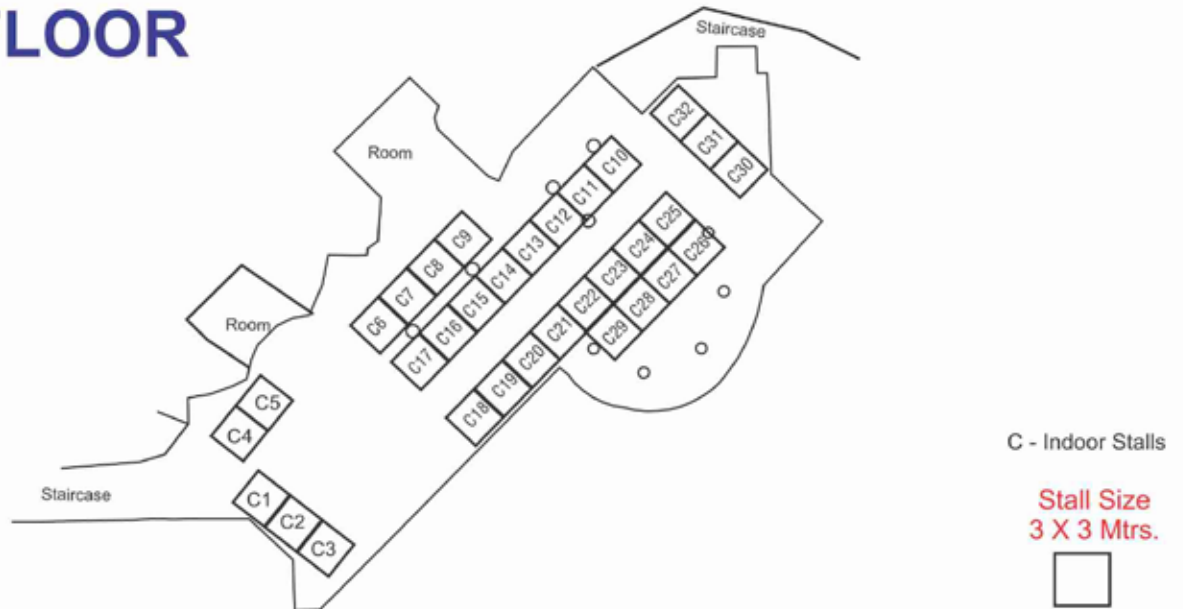
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**Schematic Layout of Exhibition Space
at NIMHANS Convention Centre**

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Innovative World of Concrete IWC 2018 International Conference on

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TO MEET HOUSING AND INFRASTRUCTURE CHALLENGES

Date : September 19-22, 2018 | Venue : NIMHANS Convention Centre, Bengaluru

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Features	Patron	Platinum Sponsor	Gold sponsor	Silver Sponsor	Bronze Sponsor	Exhibitor stall
Amount Rs.	₹ 15,00,000	₹ 10,00,000	₹ 5,00,000	₹ 3,00,000	₹ 2,00,000	₹ 75,000
Free delegates	15	10	5	3	2	1
Stall Space (3 mtrs x 3 mtrs)	2	1	1	1	1	1
Company logo on stage backdrop	YES	YES	YES	YES	YES	-
Advertisement in the Souvenir	YES	YES	YES	YES	YES	-
Logo display @ welcome banner	YES	YES	YES	YES	YES	YES
Presentation (Minutes)	20	15	10	5	-	-
Product Demo	YES	YES	YES	-	-	-

Amounts mentioned above are exclusive of GST (prevailing rate of **GST** is **18%**) **GSTIN: 29AAAT10256J1ZM**

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Innovative World of Concrete IWC 2018 International Conference on INNOVATIONS IN CONCRETE TO MEET HOUSING AND INFRASTRUCTURE CHALLENGES

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HOSTED BY :
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DELEGATE FEE

Members of ICI, ACCE, Instruct & RMCMA ₹ 5000 /-	Delegate Fee for others ₹ 5,500 /-	Students form ICI Chapters ₹ 2,000 /-	Other students ₹ 2,500 /-	Foreign Delegates \$ 130
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Please register the following persons as delegate:

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2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____

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