

ONE DAY National Conference on

TECHNOLOGICAL ADVANCES IN CONCRETE PAVEMENTS & BRIDGES

Organised by



Indian Concrete Institute
Hyderabad Centre

Chief Patron

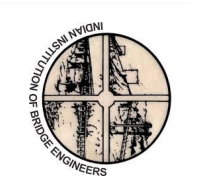


Construction, Maintenance and Rehabilitation

Saturday, 6th July 2019, Hotel Best Western Ashoka, Lakdikapul,
Hyderabad, Telangana, India from 9.30 AM onwards



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ABOUT INDIAN CONCRETE INSTITUTE (ICI)

ICI founded in 1982 is one of the leading professional bodies in the country, catering to the professional needs of individuals and organizations involved with Concrete.

- Today ICI is having more than 12,000 enrolled members, from 39 regional Centers in all the major cities and with more than 270 are Organizational Members, spread across the entire length and breadth of the country. All segments of cement and concrete industry are widely represented in the membership to further its Aims and Objectives:
- Today ICI is having more than 12,000 enrolled members, from 39 regional Centers in all the major cities and with more than 270 are Organizational Members, spread across the entire length and breadth of the country. All segments of cement and concrete industry are widely represented in the membership to further its Aims and Objectives:
- To disseminate information and arrange to train personnel to suit the needs of the changing concepts in technology.
- To promote growth of concrete construction and its sub-specializations.
- To collaborate with national & international agencies in creating better understanding of concrete - material, design & construction technology.
- To identify and assign research & development problems of practical relevance to concrete.
- To arrange periodical seminars and exhibitions on the subject.
- To institute and distribute awards for outstanding achievements in concrete and to arrange annual lecture series on selected topics of relevance on concrete construction.
- To promote awareness on concrete among students.

Conference theme

DURABLE INFRASTRUCTURE

Adopting Appropriate Products, Technologies and Services



INTRODUCTION

Concrete pavements are environment friendly and sustainable in all aspects of design, construction, operation and maintenance. Pavements constructed with concrete offer a significant advantage when compared to bituminous pavements. Concrete roads are the most durable, safe and cost efficient if appropriately designed. It requires negligible maintenance for almost 25-30 years and often outlives their design lives and can last up to 50 years. Urban roads including rural highways built with concrete offer 10- 15 % less in vehicle running costs when compared to bituminous roads. Concrete pavements are lighter in colour and have increased reflectivity, improve night time visibility, reduce power needed to illuminate roads at night and help mitigate urban heat island and smog generation. Concrete pavements

are 100% recyclable, making them environment friendly. They are also safe as they provides long term traction and short stopping distances for vehicles even in wet weather conditions. Concrete roads are also comfortable as they are now being constructed with smooth finishes and hence quiet like any other pavement type. Concrete roads provide excellent value for money with lower life cycle cost. Concrete pavements exhibit a lower energy footprint associated with their production, delivery and maintenance than bituminous pavements and hence are environmentally and economically sustainable. Results of studies conducted points out that concrete pavements are best suited for a country like India with extreme weather conditions and high user volumes. The Marine Drive of Mumbai is a standing

testimony for the durability and resilience of concrete roads serving admirably for over seventy years while withstanding the vagaries of the marine environment and abnormal usage compared to any others. Also, concrete bridges became a norm in transportation engineering. Innovations in bridge design opened many opportunities to material and equipment manufacturers to overcome the many site challenges as well as the aspects like durability and speed of construction.

The objective of the conference is to create an awareness about environmentally and economically sustainable concrete pavements and concrete overlays (white topping) and the need for more kilometers of concrete pavements in India, highlight the advantages of concrete pavements /overlays over bituminous pavements, enrich knowledge of materials, equipment and construction methodology required for making good concrete pavements etc. and the ways to overcome the limitations in concrete pavements and bridge construction and maintenance as they progress.

WHO SHOULD ATTEND

An engineering event covering the latest advances, while also providing a meeting place to network and form new partnerships. The event features a wide range of innovative technologies that can potentially improve business.

Administrative and Policy makers
Government Agencies
Practicing Engineers; Consultants
Academicians & Research / Student

Cement and Admixture Manufacturers
Ready mix Concrete Manufacturers
Road Construction Equipment Manufacturers
Construction Companies and Contractors

REGISTRATION

Delegate Fees: ₹2000 + 18% GST (for ICI and Members of Supporting Organisations & Research Students : ₹1500 + 18% GST)

SPONSORSHIP

Patron	Rs 3,00,000	15 Delegate Pass, Full Page Colour Advertisement in the workshop proceedings, Logo on Kit Bag and Logo display at Venue.
Sponsors	Rs 1,00,000	5 Delegate Pass, Full Page Colour Advertisement in the workshop proceedings, Logo display at venue.
Co-Sponsors	Rs 50,000	3 Delegate Pass, Full Page Colour Advertisement in the workshop proceedings, Logo display at venue.
Supporting organizations	Rs 25,000	2 Delegate Pass, Half Page Colour Advertisement in the workshop proceedings, Logo display at venue.

TECHNICAL SESSIONS

- Advancement in cement technology for meeting Concrete design challenges.
- Concrete mix design, quality assurance for durability aspects in Infrastructure.
- Materials for special applications in concrete pavements & bridges.
- Equipment and machinery for optimization of speed, economy & quality.
- Design & Analysis trends and need for training.
- Concrete materials, composites to overcome critical challenges and rehabilitation.
- Innovations, case studies and progress around the world.

SPEAKERS

Invited speakers from “Industry, Research & Development and Practice” will share & exchange experience & expertise on “Recent Trends, Best Practices, Challenges, and Innovations etc. on new generation products, processes, tools, construction methods and design concepts”.

MESSAGE FROM CONFERENCE CONVENER



Prof. K. GANESH BABU

Former Director, CBRI & IIT, Madras

This conference is to ensure that there is a knowledge base available in all segments associated with this important and overarching need, particularly in the context of the developmental needs of India and more importantly the local regions of Telangana and Andhra Pradesh and the states surrounding them.

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KNOWLEDGE OF RIGHT KIND IS REAL POWER

– Prof. K. Ganesh Babu

Former Director CBRI & IIT, Madras.

The vastly expanding horizons of the economy, construction of Infrastructure facilities keeping futuristic necessities is really challenge for policy makers. Transport of men and material with emphasis on safety & speed, is of paramount importance to progress of any country, more so a diverse nation like India. Both – URBAN & RURAL quality Infrastructure make a positive impact like increase in GDP, contributes to employment generation and growth of MSM Entrepreneurship. Particularly, concrete pavements for roads, transport hubs, airports apart from the necessary bridges, flyover etc structures enhance durability and ecological friendly and brings life cycle savings also. This National Conference, aims to bringing all stakeholders of Infrastructure & Transportation together for achieving synergy among policy makers, administrators in collaboration with eminent professionals involved with design, assessment and quality control and audit, construction, maintenance and rehabilitation.

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President, Indian Concrete Institute,
M.D & CEO,
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Former Director, CBRI &
Professor IIT, Madras.

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Technology

Address for correspondence

Er & Ad P. Srinivasa Reddy, B.Tech, M.B.A, L.L.M

Chairman, ICI – Hyderabad Center, 303, HSR Arutla Residency, Vivek Nagar, Chikkadpally, Hyderabad - 500 020

Mobile: 96660 11193; email ID: icihyd@yahoo.com, www.indianconcreteinstitute.org

