

## About The Conference

While the global economic positions and thereby economic levels of regions have witnessed dynamic changes, the population growth coupled with economic growth of the developing countries is putting a severe constraint on the available natural resources and the search for sustainable solutions has become the fundamental requirements. Even though the transport needs of the nations around the world vary, there are beneficial findings and knowledge bases which can be shared and used for the common benefit of all.

With the road transport recognised as the widely used and adaptable mode, especially in developing countries, the ageing infrastructure, unabated user congestion, increasing growth in heavy vehicle traffic and insufficient funding for road development and maintenance have rendered the road transport inefficient. There are several major challenges to the national road network that require a clear focus on enhanced pavement design, construction, performance evaluation, management and preservation for developing long-lasting, low-maintenance pavements. Within this milieu, enhanced and optimised solutions to the current problems have a key role in developing and preserving the road infrastructure.

The International Conference on Pavements and Computational Approaches (ICOPAC-2018) aims to provide a common forum for deliberations on important issues across all disciplines of pavements. It also seeks to fill the gaps between the researchers, policy makers and practitioners in design, construction, maintenance and management of road pavements, especially with regard to an increased demand with climate change adaptation, smart and innovative materials and data analysis approaches. Thus, ICOPAC-2018 serves as a platform for a wide blend of scientific and technical congregation in the field of Civil, Chemical, Mathematical, Geotechnical and Environmental expertise, to name a few. It is expected to host an array of eminent personalities who will contribute to the theoretical and practical approaches of road infrastructure engineering. Also, topics from state-of-the-art technologies are expected to be discussed amongst experts involved in design and construction of pavements, experimental characterisation, computational analysis, soft computing and modelling.

The objective of ICOPAC is to promote pavement technological advancements worldwide, with special emphasis to present scenario in the developing countries. This is facilitated by encouraging exchange and transfer of pavement technologies and analytical approaches among professionals and researchers of different countries and regions through technical sessions during this conference.

## About CSIR-CRRI

CSIR-Central Road Research Institute (CRRI), a premier national constituent laboratory of Council of Scientific and Industrial Research (CSIR), India, was established in 1952. The institute is engaged in carrying out research and development projects in the road and road transport related fields and runways. The area of service is covering traffic and transportation planning of mega and medium cities, management of roads in different terrains, improvement of marginal materials, utilisation of industrial waste in road construction, ground improvement techniques, performance monitoring/evaluation, service life assessment and rehabilitation of bridges and structures with analysis and design. The institute provides technical and consultancy services to various user organizations in India and abroad. The Institute has been contributing immensely for the development of road infrastructure technologies, construction specifications and codes of practice. The institute has also been conducting courses to disseminate the R&D finding to the masses.

## Conference Themes

- Airfield pavement analysis, rehabilitation and performance
- Advances in asphalt mix design and material property characterization
- Accelerated testing of pavement structures and materials
- Applications of reliability and uncertainty methods in pavement engineering
- Innovations and advances in pavement design, modelling, recycling, performance evaluation and management
- Nanotechnology and its applications to pavements
- Numerical modelling of materials and pavement structures
- Smart pavement materials, Innovative and emerging technologies, Non-standard pavements
- Ground improvement techniques and stabilization for pavement and geotechnical applications
- Applications of soft computing techniques in pavement engineering
- Probabilistic risk analysis and risk informed decision making
- Life cycle analysis and performance based design

A poster session will also be arranged during the conference.

## Venue

Delhi, the National Capital of India, is the venue of this conference.

## Important Dates

Abstract submission opens	15 <sup>th</sup> March, 2018
Abstract submission closes	21 <sup>st</sup> May, 2018
Notification of acceptance of abstract	25 <sup>th</sup> May, 2018
Deadline for submission of full paper	30 <sup>th</sup> June, 2018
Intimation regarding paper acceptance	30 <sup>th</sup> July, 2018
Deadline for submission of revised paper	31 <sup>st</sup> August, 2018
Registration opens	01 <sup>st</sup> August, 2018
Conference dates	16 & 17, Nov. 2018

**Please submit abstracts online at :  
[www.crridom.gov.in/ICOPAC2018](http://www.crridom.gov.in/ICOPAC2018)**

## Registration Fee

Registration Type	Amount	Remarks
Indian Delegates	INR 8000 /-	• Early bird discount of 20% will be given till September 30, 2018.
Foreign Delegates	USD 200	
CSIR Delegates	INR 6000 /-	• The GST rate (presently @ 18%) shall be extra.
Indian Students	INR 2000 /-	
Foreign Students	USD 50	

## Payments

All payments shall be made by online transfer in favour of Central Road Research Institute, payable at New Delhi through RTGS/NEFT. The account details are given below :

Account number	30268867237
NEFT/RTGS IFSC code	SBIN0010442
Branch name	SBI CRRI, New Delhi
Branch Code	10442
Service Tax Regn. Number	AAATC2716RSDO31
PAN Number [CSIR]	AAATC2716R
CRRI GST Number (GSTN)	07AAATC2716R1ZH

## Local Organising Committee

- 1) K. Sitaramanjanyulu, Chairman
- 2) Abhishek Mittal, Organising Secretary
- 3) M. N. Nagabhushana, Member
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- 7) Kanwar Singh, Member

# Registration Form



## Sponsorship

Sponsorships are invited in the following categories

Category	Amount	Benefits
Platinum	INR 3,00,000 /-	5 free registrations; one exhibition stall (3m×3m size); slot of 15 minutes for presentation / case study; Logo display in the banner / hoarding
Diamond	INR 2,00,000 /-	2 free registrations; one exhibition stall (3m×3m size); slot of 10 minutes for presentation / case study; Logo display in the banner / hoarding
Gold	INR 1,00,000 /-	2 free registrations and Logo display in the banner / hoarding
Silver	INR 50,000/-	Logo display in the banner / hoarding

## Advertisement

The tariffs for publication of advertisement in colour in the Souvenir to be released during the conference are as follows:

Advertisement	Amount
Back cover	INR 50,000 /-
Front inside cover	INR 40,000 /-
Back inside cover	INR 40,000 /-
Inside full page	INR 25,000 /-

## Technical Exhibition

A technical exhibition is also being organized during the conference. The charges for hiring one stall (3m×3m size) in the technical exhibition is INR 1,00,000/-. The fee covers one free delegation for the conference

## Contact Information

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# International Conference on Pavements and Computational Approaches



November 16 - 17, 2018

Organized by



CSIR-Central Road Research Institute  
Delhi Mathura Road, P. O. CRRI  
New Delhi – 110 025  
India

[www.crridom.gov.in/ICOPAC2018](http://www.crridom.gov.in/ICOPAC2018)

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