



**NATIONAL WORKSHOP  
ON  
“PLANNING AND DESIGN OF URBAN ROADS AND STREETS”**



**Organizers:**

**Indian Roads Congress (IRC)  
&  
World Resources Institute (WRI)**

**7<sup>th</sup> - 8<sup>th</sup> October, 2017 (Saturday and Sunday)**

**India Habitat Centre, New Delhi, India**

## **About Indian Roads Congress**

The Indian Roads Congress (IRC) is the Apex Body of Highway Engineers in the country. IRC was set up by the then Govt. of India in December 1934. It has presently grown into a multidimensional and much faceted organization devoted to the cause of better roads and bridges in the country. It has about 15000 Members from various Govt. Departments, Public Sector Undertakings, Technical Institutions, Academia and Private Sector. The development of roads and bridges in the country has been significantly influenced by the wise counsels given by the IRC and has progressed according to the policies enunciated by it. The Indian Roads Congress also guides the endeavors of the Government of India.

IRC provides a National Forum for sharing of knowledge and pooling of experience & expertise on the entire range of subjects connected with road sector including the connected policy issues. IRC works as a think tank for the road sector. The objectives of IRC are to promote and encourage the science and practice of designing, building, operation and maintenance of roads; to promote the use of Guidelines, Codes, and Standards & Specifications. So far IRC has published 120 Codes of Practice, 109 Special Publications, 24 State-of-Art reports in addition to Specifications for Road & Bridge Works on behalf of MoRTH & Specifications for Rural Roads on behalf of NRRDA (MoRD), Govt. of India.

## **About WRI**

The WRI is a global research organization that spans more than 50 countries with offices in Brazil, China, Europe, India, Indonesia, Mexico and the United States. About 700 experts and staff work closely with stakeholders to turn big ideas into action at the nexus of environment, economic opportunity and human well-being. They focus on six urgent global challenges that must be addressed this decade: cities, climate, energy, food, forests and water. This work is supported by four centers of excellence: business, economics, finance and governance. With partners, they develop strong evidence, create innovative, practical solutions and engage with communities, decision-makers and world leaders to achieve change at scale. WRI Ross Center for Sustainable Cities continues to cement its reputation for shaping urban agenda and creating impact in cities.

## **Objectives of the Workshop**

The National Workshop will provide a common platform to all Stakeholders to discuss and identify the constraints, best available practices around the globe and to recommend the strategy and action plan to overcome the constraints and enhance the planning, design strategy and road safety of all road users. Besides, the workshop provides an excellent opportunity for practitioners to exchange their views as well as to get the exposure to the best available solutions and practice in the area of road safety.

The Workshop program is being developed with collaboration from the IRC Technical Committee H-8 "Urban Roads & Streets Committee". The Committee is putting focus on issues pertinent to planning of urban road network, engineering and ITS, Public transport viz BRT and other systems, urban parking, intersections and interchanges, universal accessibility, NMT, safety of vulnerable road users, and the role of human factors in accident investigation.

## Methodology

This National Workshop will comprise 8 Technical Sessions. Experts from India, Foreign Countries, IRC's Technical Committees, WRI, as well as regional and international leading/domain experts will make presentations during the Workshop.

## Language

The official language of the Workshop will be English.

## Target Audience

The National Workshop is open on first-come-first-serve basis and will be beneficial to all the stakeholders, engineers, planners, designers, scientists working in Central/State Government Ministries/ Departments/ Agencies, Public Sector Undertakings, Autonomous Organizations, Local Bodies viz, Corporation, municipal bodies, Nagar Palika, Law Enforcing Agencies/Traffic Police, Research/Academic Institutions, Road sector project executing agencies both from government and private sector including Automobile Manufacturers, Device Manufactures, NGOs, Emergency Medical Service Providers, Insurance Companies etc. This will provide an excellent opportunity to all the stakeholders from India and abroad to interact and share their experience.

## Presentation and Discussion

The Indian Roads Congress proposes to publish Technical Publication/Souvenir consisting of Papers received from various Experts/ dignitaries on the topics related to the themes. Presentations on various aspects related to Urban Roads and Streets will be held during the National Workshop. This will be followed by discussions and floor interventions. Based on the presentations and discussions, recommendations of the Workshop would be prepared and submitted to the Govt. of India for consideration and implementation.

## Workshop Venue

Venue for the National Workshop is Jacaranda Hall, Indian Habitat Centre, Lodhi Road, New Delhi 110 003 (India).

## Advertisement for Printing in Technical Publication/Souvenir

A Technical Publication/Souvenir containing articles of high value will be brought out to commemorate the occasion. A section of the Souvenir will be devoted to advertisements. The advertisement tariff is given below:

Mechanical Data	Black & White	Color
Inside Front Cover (print area 24 cm x 17 cm)	-	Rs.40,000
Full page (print area 24 cm x 17 cm)	Rs.20,000	Rs.30,000
Full Page for Sponsors & Co-Sponsors	Rs.15,000	Rs.25,000
Half page (Print area 11.5 cm x 17 cm)	Rs.10,000	Rs.15,000

Last date for booking of the advertisement is 25<sup>th</sup> September, 2017. Material for advertisement along with demand draft drawn in favour of the Secretary General, Indian Roads Congress payable at New Delhi are to be sent to IRC Secretariat, Kama Koti Marg, Sector-6, R.K. Puram, New Delhi-110 022 or payment can also be made online through RTGS/NEFT.

## Tentative Programme

<b>Day 1 : Saturday, the 7<sup>th</sup> October, 2017</b>	
09:00 – 10:00	Registration
10:00 – 11:00	<b>Session 1 - Opening Plenary Session</b>
11:00 – 11:30	Tea Break
11:30 – 13:00	<b>Session 2 – Road Safety : Challenges and Strategizes for Enhanced Safety on Urban Roads</b>
13:00 – 14:00	Lunch
14:00 – 15:30	<b>Session 3 – Planning of Urban Road Network: Building Inclusive and Sustainable Roads/Streets, Problem of Drainage</b>
15:30 – 16:00	Tea Break
16:00 – 17:30	<b>Session 4 – Engineering, ITS Applications &amp; Parking Management for Urban Roads</b>
<b>Day 2 : Sunday, the 8<sup>th</sup> October, 2017</b>	
09:00 – 09:30	Registration
09:30 – 11:00	<b>Session 5 – Intersections &amp; Interchanges for Urban Roads</b>
11:00 – 11:30	Tea Break
11:30 – 13:00	<b>Session 6 – Public Transport for Urban Areas : BRTS and Other Systems</b>
13:00 – 14:00	Lunch
14:00 – 15:30	<b>Session 7 – Universal Accessibility on Urban Roads</b>
15:30 – 16:00	Tea Break
16:00 – 17:00	<b>Session 8 - Valedictory Session – Conclusion and Way Forward</b>

### List of Members of Organizing Committee for National Workshop

SNo	Name & Status of Members	Position	e-mail address
1	Shri NK Pradhan, President, IRC	Chairman	<a href="mailto:Pradhan.nalini@gmail.com">Pradhan.nalini@gmail.com</a>
2	Dr OP Agarwal, CEO, WRI	Co-Chairman	<a href="mailto:op.agarwal@wri.org">op.agarwal@wri.org</a>
	Shri Ajit B Pawar, Convenor, H8 Committee		<a href="mailto:pawarajit@gmail.com">pawarajit@gmail.com</a>
3	Shri SK Nirmal, Secretary General, IRC	Member-Secy.	<a href="mailto:secygen.irc@gov.in">secygen.irc@gov.in</a>
4	Shri Manoj Kumar, DG (RD) &SS, MORTH	Member	<a href="mailto:manoj_hope1958@yahoo.co.in">manoj_hope1958@yahoo.co.in</a>
5	Shri Vinod Kumar, VSM, Vice-President, IRC & ADG, DGBR	Member	<a href="mailto:vinod.kumar.bro@gmail.com">vinod.kumar.bro@gmail.com</a>
6	Shri KS Krishna Reddy, Vice-President, IRC & MD, KRDCCL, Bangaluru	Member	<a href="mailto:kskrishnareddy1989@gmail.com">kskrishnareddy1989@gmail.com</a>
7	Shri Ravinder Rao, Vice-President, IRC & E-IN-C (R&B), Telangana	Member	<a href="mailto:encroadstelengana@gmail.com">encroadstelengana@gmail.com</a>
8	Shri Pravin Kumar Chharia, Vice-President, IRC & Director, ABC (India) Pvt Ltd	Member	<a href="mailto:lionpkchharia@gmail.com">lionpkchharia@gmail.com</a> <a href="mailto:alliedbitumen@gmail.com">alliedbitumen@gmail.com</a>
9	Dr Mahesh Kumar, Member Engineer, DDA	Member	<a href="mailto:maheshkp60@gmail.com">maheshkp60@gmail.com</a>
10	Prof Satish Chandra, Director, CSIR-CRRI	Member	<a href="mailto:director.crri@nic.in">director.crri@nic.in</a>
11	Shri Amit Bhatt, WRI	Member	<a href="mailto:abhatter@wri.org">abhatter@wri.org</a>
12	Shri Arnab Bandyopadhyay, WB	Member	<a href="mailto:abandyopadhyay@worldbank.org">abandyopadhyay@worldbank.org</a>
13	Prof (Dr) Manoranjan Parida, IIT Roorkee	Member	<a href="mailto:mparida@gmail.com">mparida@gmail.com</a>
14	Dr BP Bagish, CE (Rtd), Bihar PWD	Member	<a href="mailto:bagishwar@gmail.com">bagishwar@gmail.com</a>
15	Ms Anjee Agarwal, Ex Dir, Samarthyam	Member	<a href="mailto:samarthyamindia@gmail.com">samarthyamindia@gmail.com</a>
16	Ms Shreya Gadepalli, RD (I) ITDP, Chennai	Member	<a href="mailto:shreya.gadepalli@itdp.org">shreya.gadepalli@itdp.org</a>
17	Shri Pawan Kumar Singh, GM, 3M	Member	<a href="mailto:spawankumar@mmm.com">spawankumar@mmm.com</a>
18	Shri RK Jaigopal, CSFC, Bangalore	Member	<a href="mailto:csfc@rediffmail.com">csfc@rediffmail.com</a>
19	Shri Sharad Sabnis, CE, MMRDA	Member	<a href="mailto:sharadsabnis@gmail.com">sharadsabnis@gmail.com</a>
20	Ms Snehil Sinha, WRI	Member	<a href="mailto:Snehil.sinha@wri.org">Snehil.sinha@wri.org</a>
21	Ms Kanika Kalra, IUT	Member	<a href="mailto:kanikakalra@iutindia.org">kanikakalra@iutindia.org</a>

### List of Members of Technical Committee for the National Workshop

SNo	Name & Status of Members	Position	e-mail address
1	Shri DP Gupta , DG (RD) & AS (Rtd), MoST	Chairman	<a href="mailto:Dpgupta36@gmail.com">Dpgupta36@gmail.com</a>
2	Shri G Sharan, DG (RD) & SS (Rtd), MoRTH	Co-Chairman	<a href="mailto:gsharan17@gmail.com">gsharan17@gmail.com</a>
	Shri Nirmal Jit Singh, DG (RD) & SS (Rtd), MoRTH		<a href="mailto:nirmaljitsingh84@gmail.com">nirmaljitsingh84@gmail.com</a>
3	Shri SK Nirmal, Secretary General, IRC	Member-Secy.	<a href="mailto:secygen.irc@gov.in">secygen.irc@gov.in</a>
4	Dr Sunil Kumar Verma, CE (R) SR&T, MoRTH	Member	<a href="mailto:vermaskyg@gmail.com">vermaskyg@gmail.com</a> ; <a href="mailto:sunilkumar.verma@nic.in">sunilkumar.verma@nic.in</a>
5	Shri BK Sinha, CE (B) SR&T, MoRTH	Member	<a href="mailto:Bksinha10265@gmail.com">Bksinha10265@gmail.com</a>
6	Prof (Dr) Manoranjan Parida, IIT Roorkee	Member	<a href="mailto:mparida@gmail.com">mparida@gmail.com</a>
7	Prof (Dr) PK Sarkar, SPA	Member	<a href="mailto:sarkarpradip52@gmail.com">sarkarpradip52@gmail.com</a>
8	Prof (Dr) Geetam Tiwari , IIT Delhi	Member	<a href="mailto:geetamt@gmail.com">geetamt@gmail.com</a> ; <a href="mailto:geetamt@civil.iitd.ac.in">geetamt@civil.iitd.ac.in</a>
9	Prof (Dr) Sewa Ram, SPA	Member	<a href="mailto:spatphod@gmail.com">spatphod@gmail.com</a>
10	Prof (Dr) GJ Joshi, SVNIT, Surat	Member	<a href="mailto:gjsvnit92@gmail.com">gjsvnit92@gmail.com</a>
11	Dr D Sanyal, MD, Craphts	Member	<a href="mailto:d.sanyal@craphts.com">d.sanyal@craphts.com</a>
12	Dr Ch Ravi Sekhar, Pr Sct,CRRI	Member	<a href="mailto:chalumuri.ravisekhar@gmail.com">chalumuri.ravisekhar@gmail.com</a>
13	Shri Amit Bhatt, WRI	Member	<a href="mailto:abhatter@wri.org">abhatter@wri.org</a>
14	Ms Paromita Roy, Dy Dir (Arch), DDA	Member	<a href="mailto:romidda@gmail.com">romidda@gmail.com</a>
15	Dr Sanjay Wakchaure, SE, MoRTH	Member	<a href="mailto:sanjaywakchaure68@gmail.com">sanjaywakchaure68@gmail.com</a>
16	Shri Rahul Patil, Dy Dir (T), IRC	Member	<a href="mailto:rvpatil.irc@gmail.com">rvpatil.irc@gmail.com</a>
17	Ms Surekha Yadav, WRI	Member	<a href="mailto:surekha.yadav@wri.org">surekha.yadav@wri.org</a>
18	Ms Aparna Vijaykumar, WRI	Member	<a href="mailto:aparna.vijaykumar@wri.org">aparna.vijaykumar@wri.org</a>
19	Ms Sarika Panda, WRI	Member	<a href="mailto:sarika.panda@wri.org">sarika.panda@wri.org</a>
20	Ms Sonal Shah, ITDP	Member	<a href="mailto:sonal.shah@itdp.org">sonal.shah@itdp.org</a>

# NATIONAL WORKSHOP

Organized by Indian Roads Congress (IRC)  
In association with the World Resources Institute (WRI) India

on  
**PLANNING AND DESIGN OF URBAN ROADS AND STREETS**

7<sup>th</sup> - 8<sup>th</sup> October, 2017 (Saturday and Sunday)

Jacaranda Hall, India Habitat Centre New Delhi

## REGISTRATION FORM

IRC Membership No. \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

Name of Organization \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Tel. (Code) \_\_\_\_\_ No. \_\_\_\_\_ Fax \_\_\_\_\_ Mobile \_\_\_\_\_

E-mail \_\_\_\_\_

Dated: \_\_\_\_\_

Signature \_\_\_\_\_

*The filled-in form is to be sent to:*

The Secretary General  
Indian Roads Congress  
Kama Koti Marg, Sector-6,  
R.K. Puram, New Delhi-110 022  
Tel: + 91 11 - 2618 5303, 2618 5273  
E-mail: [ircworkshop2017@gmail.com](mailto:ircworkshop2017@gmail.com); [secygen.irc@gov.in](mailto:secygen.irc@gov.in)

**Note: This form can also be downloaded from IRC website: [www.irc.nic.in](http://www.irc.nic.in)**