



INDIA CHAPTER

International Road Federation
Fédération Routière Internationale
Federación Internacional de Caminos
अंतरराष्ट्रीय सड़क संघ

NEWSLETTER

May-Jun and
Jul-Aug 2016

Volume - III

Issue - 3 & 4

Big or small, Safety is for all

NEWS IN BRIEF

IRF IC - General body meeting
was held on April 1st 2016

(details on page 2)

Michelin IRF collaboration
“Responsible road behaviour”
on 20th April 2016

(details on page 3)

The Black spot removal
programme in partnership
with Ministry of Road
Transport & Highways

(details on page 4)

Certification course for Road
safety auditors on 20th May 2016
(IAHE-IRF-ARRB course)

(details on page 5)

IRF's Mission

To promote the development
of roads and road networks
that enable sustainable
access and mobility for all

IRF's Vision

A world of safe, sustainable,
and efficient roads and road
networks

IRF's Values

Commitment to safe, smart
& sustainable roads

EDITORIAL BOARD

Chief Executive Officer

Veena Nabar

Advisor

S.K. Khetarpal

FROM CHAIRMAN'S DESK



*Warm Regards,
N.K. Sinha*

The IRF held its Annual General Body Meeting on 16th April 2016 in India International Centre. Mr. N.K. Sinha, Chairman IRF – IC chaired the meeting in the distinguished presence of Mr. K. K. Kapila, Founder Chairman.

Warmly welcoming the members present at the General Body Meeting, the Chairman apprised the members regarding the action taken on various actionable points arising out of the deliberations of the last meeting. Detailed action on each point was elaborated and discussed.

The Chairman informed the gathering that as a major step to bring down the the accident rate and fatalities caused, IRF has taken up a project for rectification of Black Spots. All States in the country were in the initial instance asked to identify their 25 worst Black Spots. IRF had chosen 10 Black Spots on the basis of data supplied by Delhi Government, where more than 100 people had died and more than 200 survived with injuries. A Study of these Black Spots has now been completed and a request has been made to the Delhi Government to grant time for a powerpoint presentation by IRF. Similarly, 23 Black Spots in Nagpur city have also been picked up for study and completed. Mr. Jacob George gave a brief presentation regarding the findings of the Black Spot study.

Chairman, IRF-IC elaborated upon the IRF activities during 2015-16, focusing on the following major activities:

- I.** Meeting of Chief Secretaries, Transport Commissioners and Secretaries of State Governments to discuss the Road Safety Matrix relating to their States.
- II.** Bicycle Conspicuity Drive
- III.** 9th IRF Regional Conference
- IV.** Observance of the 27th Road Safety Week
- V.** Black Spot Identification & proposal for Rectification
- VI.** Enhanced First-Aid (eFD) Programme
- VII.** Road Safety Audit (RSA) Courses

Activities proposed to be undertaken during 2016-17 were also discussed and approved by the members. Among these, the major ones were:

- I.** Michelin, IRF & EBG programme on Road Safety Initiatives - Best Practices on 20th April, 2016 at Imperial Hotel, New Delhi
- II.** Road Safety Engineers & Auditors Course program to be organised along with ARRB and in association with IAHE
- III.** WRM 2017 – Preparation activities
- IV.** Extension of Bicycle Conspicuity Drive to other States
- V.** Study of Black Spots
- VI.** eFD - India Chapter initiatives
- VII.** IRF Outstanding Media Person Award
- VIII.** IRF Outstanding Road Safety Performance Award to States /UT

The Accounts for 2015 -2016 and Budget 2016 – 2017 as approved by the Governing Council were presented and approved by the General Body.

Mr. N.K. Sinha informed the General Body of the increase in the membership of IRF IC over the year and welcomed all the new members on board.

The proposal for Amendment of Rules to allow:

(i) Indian Members of the parent body of IRF, GPC to be nominated members of GC of IRF, India Chapter.

(ii) In view of the need for continuity of efforts for WRM 2017, the rule regarding term of office of Governing Council may be relaxed as a special case, to allow the members of GC to continue to hold the office for another term was approved by the Governing Council.

The General Body members were updated regarding the World Road Meeting 2017 and the steps taken for an appointment of a Professional Conference Organiser (PCO). The Chairman appealed to all members to contribute and support IRF in regard to the World Road Meet 2017.

Elections of New Governing Council

In accordance with the amendment of rules as approved by the General Body and election of new members, the list of Governing Council members of IRF IC is as under:

Mr. K.K. Kapila, Founder Chairman
Mr. N.K. Kapila, Chairman
Mr. G. Shravan, Vice Chairman
Mr. Nirmaljit Singh, Vice Chairman
Mr. Abhai Sinha, Vice Chairman
Mr. T.K. Amla, Secretary
Mr. R.P. Indoria, Treasurer
Mr. D.O. Tawade, Member
Mr. R.K. Pandey, Member
Mr. Mahesh Kumar, Member
Dr. Anup Kumar Mittal, Member
Col. A.K. Bhasin, Member
Mr. Harish Mathur, Member
Mr. M.U. Shah, Member
Dr. P.K. Sikdar, Member
Mr. Atul Shukla, Member
Mr. R.K. Jalan, Member
Mr. S.K. Puri, Member
Mr. Rajesh Bhushan, Member
Mr. S.P.S. Bakshi, Member
Mr. Divakar Garg, Member
Mr. Harish Banwari, Member

Before concluding, the Chairman elicited suggestions from members and threw open the floor for discussion. Several suggestions were received from members:

- I.** A special page covering WRM may be sent for inclusion in various Journals of Institutions such as NHAI, NBCC, Gammon India Ltd., Border Roads Journal, IIT Journal, IRC, etc.
- II.** Secretary General IRC may be requested for an Editorial featuring IRF's Bicycle Conspicuity Drive/WRM in its Journal.
- III.** IRF IC should professionally take up the matter of the need for strictness while issuing driving licenses by the concerned authorities.
- IV.** RWAs should be requested to take up Bicycle Conspicuity Drive in various colonies.
- V.** Publicity may be given to eFD booklet.
- VI.** Chief Minister of States may be addressed regarding the WRM 2017.

MICHELIN IRF COLLABORATION “RESPONSIBLE ROAD BEHAVIOUR”

A programme on “Responsible Road Behaviour” was organized by Michelin in collaboration with IRF and EBG on 20th April 2016 at 1900 hours at the Imperial Hotel, New Delhi. Mr. Jean Todt, President FIA and UN Ambassador on Road Safety was the Chief Guest on the occasion.

The evening was flagged off by a warm welcome to the distinguished guests by Mr. Raman Sidhu, Chairman, EBG Delhi Federation, followed by the highlight of the evening, a Panel Discussion, moderated by Mr. K.K. Kapila, Chairman IRF GPC. Among the distinguished panelists were Mr. Jean Todt, Mr. Raghav Chandra, Chairman NHAI and Ms. Deepa Menon, Sr. Vice President, CSR, PVR Cinemas.

Mr. Kapila skilfully charted the course of the discussion through a wide range of issues covering:

1. ROAD SAFETY IN INDIA – PRIORITIES AND THE ROAD MAP
2. CHANGE AGENTS AND BRAND AMBASSADORS
3. MEDIA AS A TOOL FOR PROMOTING ROAD SAFETY BEHAVIOR CHANGE

Mr. Kapila also invited expert interventions on various pertinent subjects from eminent specialists in the audience - Dr. Vijay-sheel Gautam, Trauma Care Specialist on enhanced First Aid Program, Mr TK Malhotra to speak on Driver Training related issues, Mr.Arun Mohan, Advocate and Mr. Piyush Tiwari, Save Life Foundation on whose initiative, the Good Samaritan Law has been passed by the Supreme Court of India among others.



THE BLACK SPOT REMOVAL PROGRAMME

International Road Federation (IRF), in partnership with Ministry of Road Transport & Highways has taken up improvement of 10 and 23 accident blackspots in Delhi and Nagpur respectively. The team of experts from IRF, using established accident investigation and prevention techniques, assessed the blackspots in both cities and developed engineering improvement measures. The blackspots were selected based on accident data analysis and consultation with police and officers from road agencies. The process followed to design the engineering countermeasures aiming to reduce road accidents in the selected blackspots are as shown below:

1. Accident data analysis & consultation to identify/ select blackspots;
2. Site visits to determine the type and extent of surveys;
3. Conducting traffic, topographic, spot-speed and pedestrian surveys;
4. Data analysis and development of countermeasures;
5. Design of countermeasures followed up by site visits for verifications; and
6. Finalizing design, based on site observations.

Most of the blackspots were located at or nearer to junctions, having various inadequacies like hampered visibility, lack of pedestrian facilities, poor design leading to hazardous traffic flow conditions.

The major issues noted by the experts are (i) huge open areas in junction leading to high speed reckless traffic movement; (ii) narrow central median forcing pedestrians to wait on the carriageway to cross the road; (iii) lack of footpaths forcing the pedestrians to mix with high speed traffic; (iv) wrong positioning of traffic signal lights affecting visibility; (v) poorly designed splitter islands; (vi) wrong location and design of pedestrian crossing points resulting to pedestrians to cross elsewhere in a hazardous manner; (vii) wrong location of median opening leading to contraflow resulting in hazardous traffic operations; (viii) lack of facility for movement of cyclists; (ix) poor choice of layout for the junction – cross roads provided where roundabout is required; and (x) tall structures on splitter/channelising islands hampering the visibility; (xi) haphazard parking due to lack of designated parking spaces.



After assessing the site conditions and analyzing the accident data, engineering countermeasures were developed to reduce and prevent the predominant nature of accident types observed in the analysis. The countermeasures include



- (i) staggering the junctions, wherever possible
- (ii) relocation of traffic signals for improved visibility;
- (iii) design of appropriate traffic signs and road markings for improved traffic control;
- (iv) extra widening of median for safe accommodation of pedestrians crossing the road;
- (v) footpaths and cycle lanes for improved safety of pedestrians and cyclists;
- (vi) on-street parking spaces with chicanes;
- (vii) wider splitter islands for improved safety of the pedestrians crossing the junction;
- (viii) road humps for reducing the approach speeds; and
- (ix) correction in gradients for improved safety.



Repeatedly occurring accidents create Black spots at some locations, which have inherent engineering or operational deficiencies. The Black spot removal programme of the MoRTH and other road agencies aims to improve the network providing safety for all road users. IRF has assisted the concerned road agencies in the investigation as well as identification and design of countermeasures for some of the prioritized blackspots in Nagpur and Delhi.

Certification Course for Road Safety Auditors (IAHE-IRF-ARRB Course)

A 6-week Certification Course for Road Safety Auditors has been launched by Hon'ble Minister of Road Transport & Highways, Govt. of India on 20th May 2016. The first two modules of the course started on 23rd May 2016 at the Indian Academy of Highway Engineers (IAHE), the training arm of the Ministry. The second module has been recently completed and the third module will begin on 22nd August. This certificate programme will train and develop highway professionals to function as 'Road Safety Auditors', who should be able to bring-in safety engineering elements in planning, design, construction, operation and maintenance stages systematically across all hierarchies of the road network. These trained professionals are going to be used for identifying safety deficiencies in the network and suggest improvements based on thorough analysis and audit for ensuring safety of all road users.

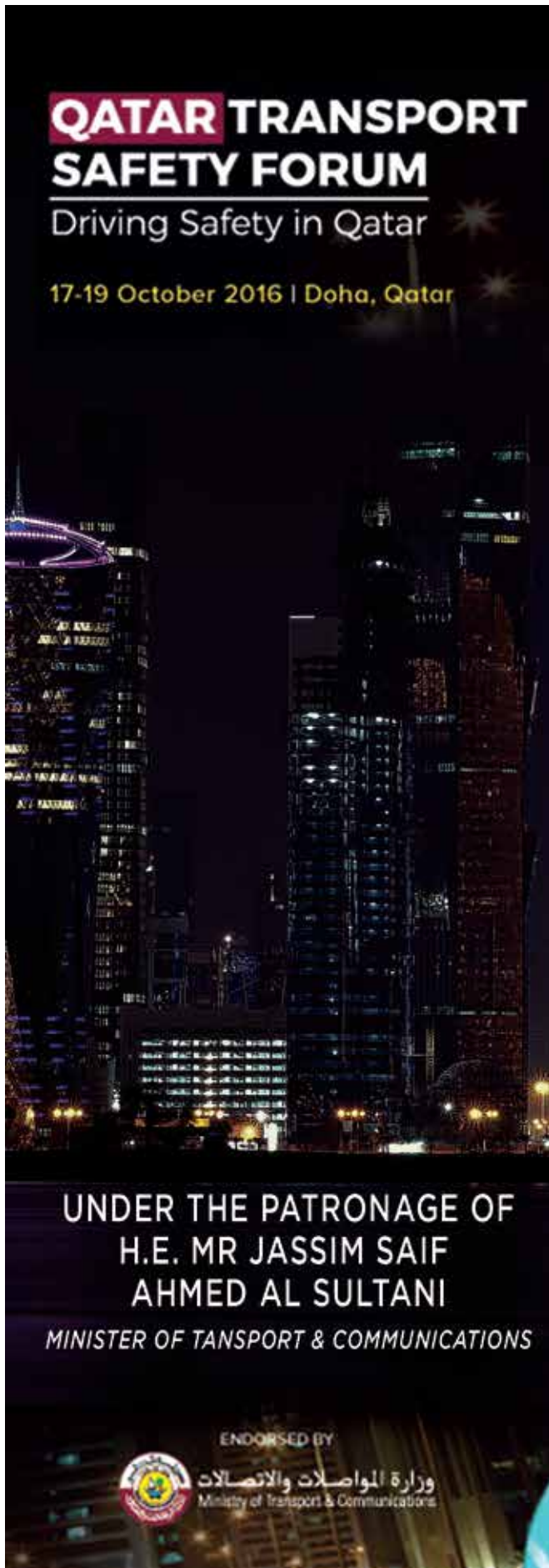
With the highest road fatalities in the world (146,433 deaths in 2015), India has recognized the social and health burden caused by this human tragedy, which costs the nation 2-3% of its GDP every year. It recognises also that the roads built with full compliance to standards also need careful road safety interventions, and therefore, the importance of road safety engineering and associated audits. Acute shortage of trained and qualified road safety engineers and auditors is felt since a long time to bring in the desired improvement in road safety scenario has been felt for long. Ministry of Road Transport and Highways (MORTH), Government of India (GOI), has therefore, agreed to support the initiative by bearing more than 50% of the cost for starting a 'Certification Course for Road Safety Auditors'. This course is organised by Indian Academy of Highway Engineers (IAHE) in association with International Road Federation (IRF-India Chapter) and Australian Road Research Board (ARRB).

This specially designed course is being delivered with the help of Indian and Foreign experts to bring-in the best safety practices from around the world. The fully residential course has been designed to be delivered in 6 modules of 1 week duration each through class room lectures, field work and practicals/demonstrations. Two modules are delivered together with a gap of two weeks for assimilation by the participants, and 6 modules cover from basics to advanced level of traffic & safety engineering and audit. The course, duly accredited by the MORTH, Govt. of India, is going to be a mandatory requirement for road safety professionals to work as Key Personnel in the team deployed for National Highway projects. The six modules of the three-part course are as follows:

Parts	Modules	Name of modules
Part-I	Module-1	Introduction to Traffic Engineering
	Module-2	Advanced Traffic Engineering
Part-II	Module-3	Road Safety Engineering
	Module-4	Introduction to Road Safety Audit
Part-III	Module-5	Advanced Road Safety Audit with Practice
	Module-6	Advanced Lessons on Safety Engineering and Practice Training for Certification of Safety Auditor

23 highly motivated and sponsored participants constitute the first batch, who are undergoing this coveted and high profile auditors' course. The rigorous course has basic qualification and experience requirements for the participants, as well as a strict evaluation of each part to progress to the next and eventual certification.

IAHE on behalf of the MORTH will maintain a register of certified road safety auditors so that these auditors' skills are updated from time to time by further training.



QATAR TRANSPORT SAFETY FORUM
Driving Safety in Qatar
17-19 October 2016 | Doha, Qatar

UNDER THE PATRONAGE OF
H.E. MR JASSIM SAIF AHMED AL SULTANI
MINISTER OF TRANSPORT & COMMUNICATIONS

ENDORSED BY
وزارة المواصلات والاتصالات
Ministry of Transport & Communications



 **18th IRF**
WORLD ROAD MEETING
14-17 NOVEMBER 2017
NEW DELHI, INDIA

Special Event:
Global Road and Transport Ministers Meeting

"Safe Roads and Smart Mobility : The Engines of Economic Growth"
The venue is the majestic city of Delhi, with its ambience, a mix of the old and new world and its rich culture and heritage.
Website : www.irfnet.ch

MEMBERSHIP OF IRF INDIA CHAPTER

IRF-IC is a membership-based organization, representing corporate and institutional players and stakeholders in the road infrastructure sector in the country. Road safety has been at the core of IRF IC's activities, which also promotes "green road" approach.

IRF IC invites all stakeholders in road sector to join it as members and contribute to the efforts for better road infrastructure and safety.

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