

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

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Issue 1

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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



FROM THE CHAIRMAN'S DESK

Dear Members,

It is for the first time since I took over as the Chairman of International Road Federation – India Chapter (IRF – IC) in April 2018 that I have the honor and great pleasure of greeting you, through the medium of the IRF – IC Newsletter. After a brief halt, we are once again going to be in close touch with you through the issue of our quarterly Newsletter, which brings to you a flavour of the work of IRF – IC, and

gives you the opportunity to interact with us and send in your contributions, views & suggestions.

We are at the time of year again, when greetings and good wishes flow. On the eve of Christmas and the New Year, on behalf of the entire IRF - IC team, I would like to send across to you and your family, our very best wishes of the season and a happy, healthy year ahead, full of good things and above all safe roads, a goal which makes our bonding special.

The WRM 2017, which was hosted by your organisation, IRF - IC, was a landmark meeting and provided a unique forum for the multi stake holders of the road related sector to come together and deliberate on sustainable solutions for the various challenges that have emerged today for safe and smart roads & safe and smart mobility.

As a prelude to the WRM, you are aware that we had organized a Global Transport Forum on Road Safety of Transport Ministers of countries, the world over, which culminated in the signing of the Delhi Declaration. Several important and critical areas were identified for sustained and focused emphasis, with the Transport Ministers and the accompanying high ranking officials pledging to continue effective implementation of the agenda and to take bold and transformative steps to ensure safe and sustainable mobility for all.

The 18th Edition of WRM itself resulted in radical recommendations, which are being pursued with the Ministry of Road Transport & Highways. We have earlier circulated to you the details of accessing the proceedings of the WRM, which have been uploaded at <u>www.gtkp.com</u>.

During 2017 & 2018, IRF - IC has been engaged in a host of road related activities and we have been in touch with you regarding each of these individual events. However in this Issue, we shall also summarise the entire landscape of the events of these two years so that you are adequately updated.

Our fresh team of Office Bearers hopes to build upon and take forward the excellent work done by the earlier Governing Council Members. We continue to draw on their accumulated experience & wisdom, and would like to place here our appreciation and gratitude for their excellent contribution in making IRF - IC what it is today.

While once again wishing you all the best for the year ahead, we would like to seek your continued and active support and your ideas and considered inputs for taking the organisation forward to commanding heights. I would urge each and every one of our members to join us in this endeavor.

Warm regards

G. Sharan

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Elections of the New Governing Council Members - 21st April 2018

At its General Body meeting held on 21st April 2018, IRF IC elected a new Governing Council with the following members:

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Chairman, IRF India Chapter

- Vice Chairman, IRF India Chapter Vice Chairman, IRF India Chapter Vice Chairman, IRF India Chapter
- Treasurer, IRF India Chapter
- Secretary, IRF India Chapter
- Members

- Mr. G. Sharan, Former DG & Spl. Secy. (MoR&TH)
- Mr. D.O. Tawade, Member (Tech.), NHAI
- Mr. S.K. Puri, Former DG & SS (MoRT&H)
- Mr. Ashish Wig, Managing Committee Member, PHDCCI
- Dr. Mahesh Kumar, Former Member (Engg.), DDA
- Mr. S.K. Nirmal (he has since stepped down)
- Mr. N.K. Sinha, Former Chairman, IRF IC & Former DG & SS (MoRT&H)
 Mr. Vijay Chhibber, IAS (Retd.), Former Secy. (MoRT&H)
 - Mr. R.K. Pandey, Member (Projects), NHAI
 - Mr. I.K. Pandey, ADG, MoRT&H
 - Mr. V.K. Rajawat, Director (Tech.) NHIDCL
 - Mr. K.K. Gupta, L& T.
 - Col. A.K. Bhasin, Oriental Structural Engineers
 - Cmdr. Ranbir Talwar, IHIF
 - Prof. P.K. Sikdar, Former Director CRRI
 - Mr. Himanshu Aggarwal, Zydex Industries Ltd.
 - Dr. P.K. Sarkar, AITD
 - Mr. R.P. Indoria, Former DG & Spl. Secy. (MoR&TH)
 - Lt. Gen. (Retd.), Suresh Sharma, Former E-in-C, MES
 - Mr. Rahul Bharti, Maruti Suzuki India Ltd.
 - Dr. S. Gangopadhyay, Former Director, CRRI

IRF IC welcomes the Members of its new Governing Council, while placing on record, its deep appreciation of the services of its outgoing Members.

The Members would hold term of office for a period of 3 years from the date of their election.

"The best drivers are aware that they must beware."

(1) Conspicuity for Tractor Trolleys - IRFs New Initiative jointly with Indian Potash Limited in Uttar Pradesh Sugar Belt-January, 2018

Tractors, often with attached trolleys, are in most parts of India increasingly replacing other modes of rural transport of agricultural produce to primary markets. It is estimated that around 65% of farm produce arriving in primary markets is accounted for by Tractor Trolleys. Tractors are a highly vulnerable mode of transport and source wise and severity wise farm machinery accident data collected



Day view of the trolley with retro reflective tape and Night view of the retro reflective tape affixed on a tractor



(Day view of the trolley with retro reflective tape)

during a Survey of 7 States of India has established that the highest number of such accidents involved tractor and tractor operated implements. Among the total fatalities attributed to farm machinery accidents, tractors and tractor trolleys accounted for 44%, according to the same Study. Poor visibility or lack of visibility, due to unfavourable weather conditions or travel during the dark hours, is a major cause of tractor accidents.

With its long history of providing conspicuity to over 2,00,000 bicycles and bicycles users, another highly vulnerable road user segment, IRF India through its unique collaborative venture with Indian Potash Limited, a leading fertilizer corporate in the country, has now taken a small but

significantly path breaking step towards covering the vast unprotected population of tractor trolleys operating in the rural areas.

This initiative, undertaken with the generous CSR fund support of Indian Potash Limited, has enabled IRF to cover 2,000 tractor trolleys of cane farmers in 6 IPL owned sugar units in the northern state of Uttar Pradesh with high quality retro-reflective tapes. The colour and placement specifications of tapes were worked out in an earlier (Night view of the tractor with retro reflective tape)



rigorous exercise by IRF India in consultation with the Bureau of Indian Standards, which sets the standards for the use of retro-reflective tapes of India's Automobile industry.

IRF India has plans to take this initiative forward in a Mission mode, with the support of other stakeholders of the rural farm sector, to cover the large tractor population of the country's vast rural hinterland.

(2) 29th Road Safety Week - 23 - 29 April 2018

The 29th Road Safety Week was celebrated throughout the country between 23 to 29 April 2018. As part of the Road Safety Week, a Conclave on Road Safety was held on 26 April 2018 by the Government of India with IRF participating in a major way, helping implement the new orientation of including for the first time the presence of Industrial bodies such as FICCI, CII, ASSOCHAM, SIAM on a common platform. In addition, the Ministry of Health & the private Transport companies such as Ola & Uber also participated. This initiative was unique, as industry associations normally come together for such events only when heads of states are present.

(3) In pursuit of Road Safety – Recent IRF IC Events

As part of its mission of reducing the accident related deaths and injuries on Indian roads, IRF India has also recently organized the following events focusing on Road Safety.

(i) IRF India Chapter Seminar on "Environmental Protection and Safety duringConstruction"

The IRF India Chapter organized a Seminar on the theme of "Environmental Protection and Safety during Construction" at the India International Centre, New Delhi on $13^{th} - 14^{th}$ July 2018. Warmly welcoming the participants to the Seminar, Mr. G. Sharan, Chairman, IRF IC elaborated on the long and distinguished record of various activities of IRF IC and the incremental knowledge that would emerge from the deliberations of the Seminar.



R to L : Dr. Mahesh Kumar, Treasurer, IRF India, Mr. G. Sharan, Chairman, IRF India, Chief Guest Mr. Yudhvir Singh Malik, Secretary, MoRTH, Mr. K. K. Kapila, Chairman, IRF Geneva



Inaugural speech by the Secretary, Ministry of Road Transport & Highways (MoRT&H), Mr. Y.S. Malik

The Seminar, inaugurated by the Secretary, Ministry of Road Transport & Highways (MoRT&H),



Delegates at the Seminar

Mr. Y.S. Malik deliberated on different topics such as Design for Safety, Environmental Protection of Construction Projects, Technology, Safety during Construction and Safety Issues and Risks.

Mr. K.K. Kapila, Chairman, IRF, delivered the Keynote address elaborating on the five E's of Road safety, which is the key to improvement in the road safety scenario in the country.

The diverse participation of experts and their intellectual exchanges during the various Technical sessions have been captured in the Recommendations of the Seminar and sent to the Ministry of Road Transport & Highways for their consideration and appropriate policy formulation (www.indiairf.com/seminar_envio_protection.html).

(ii) Fast Tracking Road Safety – IRF & PHDCCI Curtain Raiser to NITI Aayog MOVE Initiative

To showcase innovation and provide a platform to share the future of the mobility landscape, NITI Aayog hosted the first MOVE Summit 2018 in New Delhi on 7th & 8th September 2018. The initiative aimed at creating a public interest framework to revolutionize transport, in partnership with stakeholders from across the mobility and transportation sectors. As a part of this initiative, International Road Federation - India Chapter in association with the PHD Chambers of Commerce & Industry and with the support of NITI Aayog, organized a Curtain Raiser to MOVE Summit 2018. themed "Fast Tracking Road Safety", highlighting the complementary role of Road Safety to the Summit's interconnected objectives of access for all, efficiency, safety and green mobility.



Chairman IRF – IC, Mr. G. Sharan, Welcoming the delegates

"Fast Tracking Road Safety" is an IRF IC programme series to consistently bring to the fore, the efforts required under the 4E pillar strategy of the United Nations, developed in 2010 after the adoption of Resolution Res/64/255. The strategy focuses on improving global road safety through taking suitable action/initiatives under the 4Es (Engineering, Education, Emergency Care and Enforcement). The aspect of Environment is also being focused on, as the 5th E.

The UN Decade of Action for Road Safety, to which India is also committed, envisages 50% reduction in road traffic fatalities by 2020. A number of countries including India are signatory to this. The Curtain Raiser focused on the facets that would enable an improved road safety scenario to take it closer to the UN Decadal goals.

The Featured Event covered 3 aspects, through Panel discussions on:

- Safe Roads, Safe Vehicles, Safe Riding
- Education, Advocacy, Behaviour and Enforcement
- Trauma Care during the Golden Hour

The Recommendations arising out of these panel discussions were collated in the Concluding Session, and are being appropriately taken forward for implementation. (http://www.indiairf.com/fast_tracking_road_safety.html).



Overview of Delegates

4. Partnering Muskaan Foundation - World Day of Remembrance for Road Traffic Victims

IRF IC was a supporting partner to Muskaan Foundation's event - World Day of Remembrance for Road Traffic Victims. More than 500 students from about 40 schools, colleges and cultural organizations came together to present a thematic event to evoke the human face of road accidents and give out the message of making roads safer.

5. IRF IC partnering with Bauma ConExpo India 2018 as a Supporting Partner

Invite passes for the event have been individually couriered to all members. Further all members have been individually mailed to be a part of "Buyer-Seller Forum", a vendor development platform where buyers and sellers would engage in fruitful business discussions.

6. Radio programme - 'Jete Rasta Sete Katha (Roads have Stories)'

IRF IC is also a supporting partner to the Forum for Prevention of Road Accidents, a member of IRF India Chapter, for its radio programme 'Jete Rasta Sete Katha (Roads have Stories)' - a radio serial on road safety subjects, which is being broadcast through the Community Radio Station, Radio Hirakhand 90.8 FM in the city of Sambalpur, Odisha, India.

Road safety is a state of mind, accident is an absence of mind.

IRF IC Member Initiatives

Avery Dennison – Events showcasing Road Safety

Avery Dennison is a U.S. based Fortune 500 Company with global leadership in pressure-sensitive technology, self-adhesive materials, retro-reflective films and specialized label systems. The organization is committed to road safety and is constantly participating in related events to spread the message of how road safety is everyone's responsibility.



(i) Traffic Infratech Expo 2018



Avery Dennison India participated in Traffic Infratech Expo 2018 organized by Virtual Info Systems. The event was held at Bombay

Exhibition Centre, Mumbai from 25th to 27th October'2018. Avery Dennison was the SILVER PARTNER for the event.

Traffic Infratech is Asia's largest expo on traffic management that focuses on urban solutions. The exhibition is visited by both government officials and private



contractors who are key decision makers. Mr. Yudhvir Singh Malik, Secretary - Ministry for Road Transport and Highways was the chief guest of the event.

Mr. Amandeep Singh (Business Head- Reflective Solutions (South Asia & East Africa) from Avery Dennison delivered a technical presentation which was focused on creating awareness on road safety. It highlighted how road safety is everyone's responsibility and that use of "Reflectives" is a practical, effective and an economical solution for reducing the number of accidents on the road.

(ii) 79th Annual Session of Indian Roads Congress (IRC)

Avery Dennison India also participated in the 79th Annual Session of Indian Roads Congress (IRC) which was held at Divisional Sports Complex in Nagpur from 22nd Nov to 25th November 2018.





IRC is the apex body of highway engineers in India. The 🗾 event was inaugurated by Mr.

Nitin Gadkari, Hon'ble Union Minister for Road Transport, Highways and Shipping and Mr. Devendra Fadanvis, Chief Minister of Maharashtra was the Chief Guest. The technical session and exhibition was attended by about 3000 experts

and delegates from all across the globe.

Avery Dennison was recognized and awarded the second prize for the best booth design based on customer focus. 7

Zydex Industries innovation - Water Resistant Durable Highways



Established in 1997, Zydex today is a conglomerate of different businesses associated with sectors like Textiles, Agriculture, Construction, Infrastructure and Roads.

Zydex believes that this earth has been taken on lease from our future generations, and it is our duty to return it to them in liveable condition if not better. This realisation is at the core of Zydex vision to 'conserve the limiting resources through innovation for a sustainable world'. Zydex innovation enables to 'Construct Green Highways using local materials with substantially reduced consumption of limiting resources viz. aggregates and bitumen'. Road users can get 'smoother rides with less physical injuries'.

For this innovation, Zydex Industries has been awarded the "CII Innovation Award 2018" by CII, which made a special mention recognising that Zydex Technology innovation has the maximum potential impact.

(i) Silane Nanotechnology The Technology chemically modifies surfaces of aggregates, soils and concrete from water loving to waterproof, prevents water related failures and increases longevity of the road infrastructure.

It enables the use of in-situ / local soils, marginal & recycled aggregates and minimises the use of scarce aggregates & bitumen in construction of roads, irrigation canals, railways and mining roads at the CAPEX cost of 2-10 % with extended life of 2-7 times.



(ii) Silane Nanotechnology Bituminous Mixes

- Doubles the life of bitumen layers
- Eliminates potholes
- Extends paving season and reduces fumes during paving
- Enables use of marginal & recycled aggregates with higher water absorption (>2%)
- Improves fatigue resistance to extend durability.



POTHOLE FREE, WATER RESISTANT BITUMINOUS ROADS



(iii) Water Resistant Nano Bonded Flexible Cement Bases

- Reduces swelling & water permeability in soil bases by 90%. It enables soil particle to particle bonding at nano level, and increases compaction density to give higher strength & load bearing capacity.
- Cuts-off capillary rise and lateral ingress of moisture in the sub-grade and soil bases.
- Prevents Soil Erosion in Shoulders.
- Superior design offers higher structural strength due to the advantage of higher drainage and layer coefficient in design calculations.
- Maintains dimensional stability even when there are higher traffic loads.

Clients and key stake holders can do value engineering and raise specifications to build sustainable

• road assets. Zydex is considered a leader in the category within a short span of 10 years.



WATER RESISTANT CEMENT STABILIZED BASES



Hella India Partners - India's Longest Road Safety Awareness Yatra



Understanding the gravity of the accident situation on Indian Roads, NGO Drive Smart Drive safe initiated a unique campaign '1Crore Steps for Safer Roads' appealing to Indian Citizens to Walk #1Croresteps to create awareness regarding the need for Safer Indian

Roads becoming a national priority.

"With 1.31 crore plus road safety steps donated, 1.5 Lakh people walked along the Campaign trail from Kanyakumari to J&K. This was indeed the longest & largest public mobilisation to put Road Safety on national priority", says Rama Shankar Pandey, Managing Director, Hella India & President CWC for NGO ClubD2S.

The campaign received overwhelming response from various Union Ministers including Shri Nitin Gadkari,





event in Transport Bhawan New Delhi, Shri Nitin Gadkari ji encouraged Club D2S and contributors of # Mera Kadam Meri Suraksha movement to keep up the great work.

Shri. Milind Soman, Shri. Sonu Nigam, who gave voice to the Road Safety song "Zidd Hai", created specifically for this Campaign, MDs, CEOs & CXOs of all major automotive and auto component manufacturers personally supported the movement.

The Campaign was supported by the Ministry of Road Transport and Highways, FICCI, ACMA, SIAM, CII-Yi, FADA, AIAWA, ASDC, AIMA, NGO Arrive Safe, Save Life Foundation, WRI, Raahgiri day.

Center for Road Safety, Jaipur AWC, RSO-Gurgaon, Faridabad and **partnered by Hella, WABCO & Brakes India**. Volunteers from Bharat Scouts & Guide, NCC, CRPF, RAF,

ITBP, BSF, CISF NSS, Sports Authority of India, NDRF, Rotary Clubs, Schools, Colleges, and Traffic Police Organizations across the country, runners & walkers group donated their walk to bring the change. The campaign through various Indian states also reached Wagah border towards its end, the first time that a civilian movement has done so and educated more than 50,000 citizens at the Border on Road Safety.

Subramanian 'Subu' Narayanan, an employee of Hella India walked a record 3,600 kms from Kanyakumari to Jammu in two and a half months. The project had participation and engagement from the general public in the form of short walks to show their solidarity with the cause. Walk donation was done on <u>www.onecroresteps.com</u> The campaign aiming for 1 crore steps ended at a whopping 131 crore steps receiving attention from all road stake holders, including many Indian groups, donating their steps from abroad. Many Indian runners who participated in the Berlin Marathon supported the cause & donated their steps to the campaign.



2017 - Highlighting some important activities of IRF

1. IRF High Level Roundtables –Intelligent Transportation Systems (ITS) IRF has so far organised four High Level Roundtables on Intelligent Transport Systems (ITS), two of which were held in June 2017 & October 2017. The Round Tables had the participation of Government institutions at the highest level and prominent private stakeholders. The main objective of these High Level Round Tables is to suggest a comprehensive action plan to ensure speedy deployment and optimization of ITS in India. This is expected to address the problems of road safety, congestion, pollution and mobility in India in the most cost efficient and sustainable manner. The motto is to keep mobility affordable, accessible, reliable and comfortable.

2. Signing of Statement of Intent with NITI Aayog

Emerging from the Roundtables deliberations, the IRF signed a Statement of Intent with National Institution for Transforming India (NITI Aayog) in the fields of Intelligent Transport System (ITS).

3. Enhanced First Aid Driver Training (eFD) programme

Under its 4Es initiatives, of which Emergency Care is one, IRF has been undertaking an enhanced First Aid (eFD) programme for commercial drivers to teach/impart/train first aid techniques to potential first responders. Around 20,000 commercial drivers have already been trained under this programme.

IRF continued its eFD training for commercial drivers at the Upper India Automobile Association until December 2017.

In 2017, IRF in association with the All India Institute of Medical Sciences designed a One Day Certification Programme, which was extended to impart eFD training also to Local Bystanders, Road side amenities providers, Volunteers etc. to recognize and respond to emergencies on account of road traffic incidents / accidents. The first programme was taken up in association with National Highway Infrastructure Development Corporation Limited, on the Guwahati – Dibrugarh National Highway stretch. Further in October 2017, the IRF trained two batches of Volunteer trainers of the Art of Living Foundation, Bangalore.

4. Certification Courses for Road Safety Auditors.

IRF India in association with Indian Academy of Highway Engineers (IAHE) has launched a Certification Course for Road Safety Auditors and has collaborated with Australian Road Research Board (ARRB) for the delivery of the course. Two 6 week courses have so far been conducted at the IAHE in June 2017 & March 2018.

5. IRF & Shell Collaboration on Road Safety / Awareness Programme in the Hazira Peninsula of India.

In August 2017, International Road Federation (IRF) entered into a Memorandum of Understanding with the Shell Group of Companies for implementing as a major and integral part of its Drive Safe India campaign, a Pilot Road Safety and Awareness Programme, in the Hazira

Peninsula region of India, on the National Highway 6 stretch, connecting the strategic port of Hazira to its catchment area.

The Pilot, designed to focus on selected key activities such as Hazira – Collation on Road Safety involving all stakeholders, Road Safety Audit, Driver Training and Education of School Children, was successfully implemented.

6. Road Shows

Road Shows to propagate & promote IRF activities, including WRM 2017, were held in the states of Rajasthan & Gujarat. Additionally, a Golf Tournament was held in Delhi for this purpose.

7. 18th IRF World Road Meeting 2017; Brief Report

As a prelude to the World Road Meeting, IRF organised a Meeting of **Global Transport Minister's Forum** on Road Safety on 13th November 2017.

The Meeting of the Ministers and High Representatives, of 6 Nations in New Delhi, on 13th November 2017 culminated in the signing of the Delhi Declaration. The salient features on which total consensus was established were:

- Reaffirmation of the commitment to effectively implement the ambitious road safety-related **targets** in the 2030 Agenda for Sustainable Development Goals and call on other Countries and the international community to intensify both national and international collaboration to meet these targets.
- Support the development of **voluntary global performance targets** on key risk factors and service delivery mechanisms to reduce road traffic fatalities and injuries in the context of the 2030 Agenda and the Global Plan for the Decade of Action

Critical areas identified for sustained and focussed emphasis, were:

- Timely and reliable data
- Safer road infrastructure
- Safety of vulnerable road users
- Introduction of road safety audits
- Strengthen pre-hospital care, including the immediate post-crash response.
- Implementation of professional driver qualification
- Enhancement road safety culture of all road users
- Mobilisation of **funding**

The Transport Ministers and the accompanying high ranking officials, on signing of the Delhi Declaration, pledged to continue effective implementation of the 2030 Agenda of the UN SDGs and to take bold and transformative steps to ensure safe and sustainable mobility for all.

The 18th Edition of WRM, IRF's flagship event, taking place once every four years at different International locations was held in India between 14 - 17 November 2017. The event held at the state

of the art facility, India Exposition Mart Limited, included a high level Conference and an Exhibition. Through April 2017 to November 2017, the IRF was intensively engaged in WRM related activities. The WRM 2017 was held between 14 - 17 November 2017 at India Exposition Mart Limited, Greater Noida. The Meeting was inaugurated by Mr. Nitin Gadkari, Honourable Union Minister for <u>Road</u> <u>Transport & Highways</u>, <u>Shipping and Water Resources</u>, <u>River Development & Ganga Rejuvenation</u>, Government of India.

WRM had an Inaugural Session, 4 Plenary Sessions, 27 Parallel Technical Sessions, 15 Special Sessions, 2 Young Professional Sessions, 3 Poster Sessions, Innovation Café and a Valedictory Session, with an array of eminent speakers and high level dignitaries from all conceivable global road related Institutions. Around 2000 delegates attended the Conference.

An Exhibition involving 83 exhibitors, covering 2060 sq.meters, featured the developments related to the latest cutting edge technology and technological innovations. The Exhibition was inaugurated by Mr. Jean Todt, FIA President, UN Secretary – General's Special Envoy for Road Safety.

The detailed proceedings of the WRM have been uploaded and can be accessed at <u>www.gtkp.com</u>

The WRM 2017 has been widely acknowledged as a great success. The Recommendations of WRM were forwarded to the Ministry of Road Transport & Highways. IRF was invited by Mr. Nitin Gadkari, the Honourable Union Minister for <u>Road Transport & Highways</u>, <u>Shipping and Water Resources</u>, <u>River Development & Ganga Rejuvenation</u>, Government of India, on 9th March 2018 for making a presentation on the Recommendations. The Honourable Minister expressed his appreciation of the significant Recommendations for enhancing Road Safety. He directed the Ministry to examine as to how these could be implemented.

IRF has since had a follow-up meeting with the Ministry of Road Transport & Highways for taking the implementation forward.



Founder Secretary - Mr. Raj Pal Arora passes away

IRF IC lost its first Secretary, Mr. Raj Pal Arora on 27th March 2018. A Condolence Resolution was passed at the General Body Meeting in his memory and conveyed to the family members of Mr. Raj Pal Arora.

Condolence Resolution – Late Mr. Raj Pal Arora

"Mr. Raj Pal Arora, Former Secretary, International Road Federation – India Chapter (IRF IC) 2009-2013 passed away peacefully on 27th March 2018 at his residence in New Delhi.

Mr. Arora had a long association with the International Road Federation from 2005, its initial days until 2013 and worked with dedication for its growth and increased activities. He took keen interest and continued to be associated with IRF activities until recently.

The International Road Federation – India Chapter would like to place on record its appreciation of his services and condole his death.

The Members of the Governing Council and the General Body of IRF India Chapter send their deep condolences to the family members of Mr. Raj Pal Arora in their hour of grief. May he Rest in Peace and may the Almighty give his family and dear ones the strength to bear the loss."

Upcoming IRF GPC & other Road Related Events

2019 TRB Annual Meeting

13th – 17th January 2019, Washington, D.C.

The Transportation Research Board (TRB) 98th Annual Meeting will be held January 13–17, 2019, at the Walter E. Washington Convention Center, in Washington, D.C. The information-packed program is expected to attract more than 13,000 transportation professionals from around the world.

For more information, please visit http://www.trb.org/AnnualMeeting/AnnualMeeting.aspx

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 member and contribute to the efforts for better road infrastructure and safety.

Kindly note our changed office address, which is reproduced below.

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