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### NEWS IN BRIEF

**IRF India Chapter : Working with Missionary Zeal.** An update on IRF IC activities.

**Activities of IRF IC Members.** Sharing highlights of member activities.

**IRF Statutory Meetings and Seminar** to be held in Paris on 16-17 April 2014.

**IRF - Fleet Forum Innovative Workshop Series** devoted to safe and sustainable fleet management

**IRF'S Executive Seminar Series: Performance-Based Contracts** to be held from May 18-28, 2014, in Kuala Lumpur, Malaysia.

**The 25th National Road Safety Week** celebrated on NH-2. A brief account of activities in other states.

**CSIR-CRRI Workshop** on Alternative Pavement Materials and Application of GHG Assessment Tool to bring down Greenhouse Gas (GHG) Emission in Road Construction held on 28th January, 2014.

**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

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### FROM THE CHAIRMAN'S DESK



Dear Friends,

Greetings and good wishes from International Road Federation India Chapter (IRFIC)!

As you are aware, the India Chapter of International Road Federation was set up formally in February 2009, registered under the Societies Registration Act XXI of 1860, though it had started functioning since the year 2005.

The Chapter has the same objectives as the parent body. It advocates for better, safer and sustainable roads through improved design, construction, maintenance and management.

The Chapter has also the same focus areas as the parent body, namely (i) Road Safety (ii) Environment (iii) Public Private Partnership (PPP) & Road Finance and (iv) Intelligent Transport System (ITS) etc. Among our many activities, our Annual Conference held with the support of nodal and other Ministries of GOI, is a much coveted conference on road safety with

participation from both the developed and developing world.

Our Mission has taken us to various alleys and untrodden paths in search of new ways to address the cause of Road Safety, many of which have been pursued silently. Through our Newsletter, we would like to update you about our efforts, some of which have fruited and others are still being pursued. This Issue brings you a brief account of some of these initiatives.

We would welcome your suggestions and ideas for any additional measures and interventions that we could undertake to help further the cause and bring about a radical change in the face of Indian roads.

We also propose from the current issue onwards to highlight the activities and special efforts of our esteemed Members. We look forward to brief contributions from you, which can be shared so that there is the possibility of a meaningful dialogue and networking and together we can build not only an efficient but importantly, a more humane road sector.

Warm Regards,  
N.K. Sinha

### IRF INDIA CHAPTER : WORKING WITH MISSIONARY ZEAL

Since its inception in 2005, IRF IC has been actively involved in multiple areas of work relating to road safety issues.

Amongst its many activities, it has been annually organizing a Conference on Road Safety themes, which has attracted global participation. Eight IRF Regional Conferences have so far been organized in India on special themes. These conferences have been globally lauded for their qualitative content and deliberations on strategic issues. The MoRT&H has taken up with concerned Ministries, the recommendations of these conferences, many of which are under implementation.

Other Initiatives of IRF IC include:

- Requesting the Hon'ble Union Minister of Education & HRD to issue instructions to all

State and Central School Boards to print road signs with their meanings on inside covers of all school text books to encourage familiarity with road signs.

- Requesting the Ministry of Finance, also buttressed by letters in support from the Hon'ble Chief Minister, Punjab; Secretary General, FICCI and Director General, CII, to permit duty free import of Intelligent Transport System (ITS) related Equipments for Efficient Traffic Management & Safety and Driving Simulators, which are essential for Driver Training Schools. Also to provide exemption of Income Tax on approved road safety expenditure.
- IRF IC's work in the field of Bicycle Conspicuity is well known. Its ongoing drive

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## ACTIVITIES OF IRF IC MEMBERS

### FORUM FOR PREVENTION OF ROAD ACCIDENTS (FPRA)

FPRA, an IRF IC member, in association with Government and other Corporate Agencies organized a series of road safety activities in Odisha during 25th Road Safety Week.



1. **A Walk-a-thon** with around 300 participants was organized on 12th January 2014, beginning at Nuapatna to Malachandia in Cuttack.



2. **A District level Art Competition** with 122 students participating was organized. Prizes to the winners and consolation prizes were distributed on the occasion.

3. **A Bike Rally** was organized on 15th January 2014 to create awareness about helmet use and importance of observing traffic rules.

4. **Three Refresher Workshops** for 157 drivers were conducted at Balasore, Paradeep and Cuttack.

### ROAD SAFETY AND EMERGENCY SERVICES (RoSES)

RoSES, set up on October 29, 2012 under the Delhi Societies and Charitable Trust Act of 1860, has become an IRF IC member in December 2013.

RoSES has so far sensitized over 3000 people in the arena of Road Safety through interactive experiential sessions and street-plays; road safety and emergency care workshops; participation in various fora (such as those organized by IRF IC) to address stake-holders; documentaries and other audio-visual material; road safety audit; preventive action in regard to road accidents; motorcycle, bicycle and pedestrian rallies etc.

Its activities so far include:

1. **Training of Trainers** : Five volunteers were trained for Basic Life Support at All India Institute of Medical Sciences.

2. **Street Plays** : Theater is used by RoSES to communicate and focus attention on its targeted issues. A play "Ae Bhai Zara Dekh Ke Chal" , a subtle satire commissioned by RoSES, has been staged at various NCR locations.

3. **School Workshops** : Several interactive workshops were conducted through theater and lec-dem technique.

4. **Film Making Workshops** : Two film making workshops



were held and students were given hands-on experience of Film making through theater and lecture.

5. **Cycle Rides to Promote Road Safety** : Two cycling events to highlight Cyclist safety were held in collaboration with Ghaziabad Police to mark the Road Safety Month in November 2013, in which RoSES was the knowledge partner. The participants were given a demonstration on safety gear to be used while cycling. Street Plays were also performed.



6. **Walk for Safety** : Walks for pedestrian safety were organized with the help of Delhi Police and Ghaziabad Police to mark the occasion of National Road Safety Day (11th May 2013) and Road Safety Month (celebrated by Ghaziabad Police – November 2013). Street Plays were put up at junctions.

7. **Cycle Conspicuity Drive of IRF IC** : Volunteers from RoSES helped in supervising IRF IC's Cycle Drive locations and applications.

### TRAX SOCIETY

TRAX, an IRF IC Member, is a Road Safety NGO registered under Society Registration Act, 1860. Since inception in October 2007, it has been involved in advocating safe and secure use of Roads and Railways. TRAX approach is psychological in nature, aimed at changing the mindset of people to create a 'Safe Culture on Roads and Railways'.

During the 25th Road Safety Week, various Road Safety Initiatives were taken by TRAX such as:

1. **Sticking Reflective Tapes** on approximately 800 Bicycles and Cycle Rickshaws at Paharganj Traffic Intersection.

2. **Participation in Road Safety Walkathon** : On 12th January 2014, Team Trax participated in the Road Safety March organized by MoRT&H in association with Delhi Traffic Police.



3. **Street Play Campaign** : A Special Drive was devised with Ghaziabad Regional Transport Office, wherein a professionally trained Nukkad Natak Team was constituted to sensitize students and general public about various Road Safety issues such as Over Speeding, Drunken Driving, Use of Mobile Phone, Rash Driving and Helmet Wearing. Approximately 1.5 Lac people were sensitized through a series of Nukkad Nataks performed at various Schools, Colleges, RWA and Traffic Intersections and distribution of 18000 pamphlets containing Road Safety Tips and Messages.

*Share the road - Drive in Your Lane !!*





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initiated in December 2013 has covered over 1 lakh bicycles in Delhi and is planned to be replicated in other cities of the country in due course.

- On its request through Secretary, MoRT&H, the Secretary, Ministry of Information & Broadcasting has advised the Chief Secretaries of all State

Governments to direct Cinema Hall and Multiplex owners to screen a 2 to 3 minutes duration film connected with road safety before commercial screening.

- IRF IC has prepared three films in different regional languages, namely "EHSAAS" on drunken driving, "AFSOS" on helping accident victims and "KAASH" on helmet safety for this purpose, which are being screened in different States. Soft copies of Road Safety hoardings and poster designs have also been provided to the State Governments for display in prominent locations of cities and towns.

- Submitting a Proposal to GOI to initiate Driver Training Programmes in selected Polytechnics using their existing infrastructure.

- Requesting the Ministry of Heavy Industries to direct all manufacturers of motorized two-wheelers to connect headlights to the ignition to ensure its remaining always in condition while in use, which provides added safety through conspicuity of these small and highly vulnerable motorized vehicles.

- Identifying a group of experts from MoRT&H, NHAI, Academic and Research Institutions, Consultants and Concessionaires for working on "Engineering Measures Required for Enhancement of Safety on High Speed Roads". The final recommendations of this group have been accepted by MoRT&H, which has written to all State Governments and NHAI to adopt these. NHAI has taken appropriate action for their implementation.

- Preparing jointly with NDTV, six road safety 3-4 minute duration promos being telecast nationwide.

- Programme of day-long School Visits for providing exposure on road safety information as well as demonstration of safer road use behavior was started from 26th January 2010 in a Secondary School in the district of Bulandshahar, U.P.

- Developing in association with Institute of Road Traffic Education (IRTE) an integrated curriculum, incorporating road safety as part of subjects taught in schools, for classes VI to X.



- Organising in collaboration with Australian Road Research Board (ARRB) from February 2010 onwards, a 5-day long Certification Course for Road Safety Auditors. So far about 240 auditors have been

trained in 8 such courses.

- Taking up with GOI and with the Delhi Government the creation of Road Construction Workers Training Academy for skilling labour for quality construction.

- On IRF IC's request, CM, Delhi in a meeting had directed various Government departments for :

1. Stricter enforcement measures to control drunken driving.
2. Inside cover of all school text books used in Delhi to be printed with road signs for sensitizing young minds regarding road safety.
3. Use of ITS for traffic management & enforcement.
4. To ensure installation of various in-vehicle safety systems in all vehicles sold in Delhi.

- Taking up with State Governments, the issue of fixing luminous conspicuity tapes on commercial vehicles, in compliance with the provisions of MV Act.

- Initiating training in respect of vehicular road worthiness of Motor Vehicle Inspectors of Transport Departments of Nagaland, Tripura and Andaman Nicobar islands.

- Campaigning for awareness including :



1. Preparation and display of posters on Road Safety in Government and private corporate offices.
2. Display of posters on helping road accident victims without fear of police reprisal in various hospitals in Delhi.
3. Designing large hoardings with Road Safety messages for display in various important locations, as per GOI circular and

distribution of softcopy of designs to the States. Government of Delhi has implemented this in 100 locations in addition to bus stops.

4. Distribution of Road Safety leaflets, handouts and calendars during the Road Safety Week every year.

- Conducting a study of the deficiencies in road signs and bus stops without bus bays along a set of major corridors in Delhi and submitting the recommendations and designs to the Government of Delhi.

- Developing a unique system called Road Accident Data Recorder (RADaR) for scientific and comprehensive accident data collection through a tablet equipped with GPS and GPRS connectivity to web-server, as well as digital camera. This completely menu-driven touch-screen device is likely to revolutionize road crash investigation using scientific data and consequently improve road safety in the developing world.

- Organizing jointly with Amsterdam RAI two editions of Intertraffic India Exhibition, the world's largest exhibition on Traffic Technology, in 2011 and 2013.



## UPCOMING EVENTS

### IRF STATUTORY MEETINGS AND SEMINAR IN PARIS, 16-17 APRIL 2014

Along with the IRF Statutory Meetings and Meetings of IRF Committees on Environment, Road Financing & Economics and Road Safety on 16th April, 2014 in Paris, France, a Seminar on the theme of 'Road Safety, Sustainable Development and Financing' will also be held on 17th April in cooperation with the Fédération Internationale de l'Automobile (FIA).

The Seminar will have 3 technical sessions on 1) Development of Safe and Sustainable Roads; 2) Road Safety – Use of Technology and Education and 3) Road Financing. Keynote presentations by eminent specialists and networking opportunities would be highlights of the Seminar.

Further information is available on : <http://www.irfnet.ch/eventdetail.php?catid=1&id=586>

### IRF - FLEET FORUM WORKSHOP SERIES

IRF is proud to partner with Fleet Forum and contribute to an innovative workshop series devoted to safe and sustainable fleet management.

For information on how to register, please visit the IRF website: <http://www.irfnet.ch/activities-details.php?id=37&cid=31>.

### IRF EXECUTIVE SEMINAR SERIES - MAY 2014

The International Road Federation is pleased to announce that the Spring Edition of its *Executive Seminar Series: Performance-Based Contracts* will be held from **May 18-28, 2014**, in Kuala Lumpur, Malaysia.

For more information , please visit the IRF website: <http://www.irfnews.org/event/performance-based-contracting-2014-spring/>

## THE 25TH NATIONAL ROAD SAFETY WEEK CELEBRATED ON NATIONAL HIGHWAY - 2

The 25th National Road Safety week was held in India from 11th to 17th January, 2014. IRF India Chapter as always have taken a proactive role to motivate people towards safety awareness. Its Road Safety Awareness Campaign has included road safety training at schools and colleges, to



road users and village community as well as distribution of pamphlets among the stake holders. The campaign also included fixing of reflecting tapes on vehicles.

In addition to its programme in Delhi, this year a programme was held on one of the on-going National Highway Projects on NH-2 (Varanasi – Aurangabad) in the states of Uttar Pradesh and Bihar to celebrate Road Safety Week.



## IRF IC - CSIR-CRRI WORKSHOP - A REPORT

Indian road transportation infrastructure is rapidly expanding with the ambitious development of road networks. While on the one hand, road development projects help build up infrastructural assets, the construction they entail inevitably adds to greenhouse gas (GHG) emissions. The consequent need to reduce GHG emissions incorporates environment friendly construction technology as well as innovative materials/ technologies. To mitigate the negative impacts of the road construction sector, the Ministry of Road Transport & Highways has issued a circular [No.RW/NH 33044/53/2013-S&R(R)] on 20th November, 2013 on "Improvement / up gradation of National Highways from considerations of GHG Emissions and lifecycle costs". To create awareness and to disseminate this intimation and information on issues involved, the IRF and the CSIR-CRRI organized a **Workshop on Alternative Pavement Materials and Application of GHG Assessment Tool to bring down Greenhouse Gas (GHG) Emission in Road Construction on 28th January, 2014**. The workshop was aimed at capacity building of design consultants and concessionaires, sensitizing them regarding the impact of GHG emission and expanded use of assessment tools for the highway fraternity.

Professionals working on subjects of pavement and environment from National and State road authorities, consultants and concessionaires participated in the knowledge sharing.

The meeting was presided over by Dr. S. Gangopadhyay, Director, CRRI and inaugurated by Mr. V.L. Patankar, ADG, MoRT&H. Mr. K.K. Kapila, Chairman IRF GPC gave the keynote address.

The sessions focused on *Highway Development Program: Mobility of Resources, Green Technologies & Pavement Materials for Reduction of GHG Emission, System Approach for GHG Estimation during Road Construction, Use of CHANGER as A Tool for GHG Estimation during Road Construction, CFP Tools for Road Projects and Alternate Pavement Materials* etc. and had eminent speakers from NHAI, CRRI, ICT Pvt. Ltd. and Alchemist Touchnology Ltd.

## RENEWAL OF MEMBERSHIP FOR 2014-15 DUE

IRF IC membership for 2014-15 has become due with effect from 1<sup>st</sup> April 2014. Individual invoices are being sent to all members for this purpose.

IRF IC requests its members to renew their membership for 2014-15 at the earliest. Payment may be made by Cheque/DD/Bank Transfer to *International Road Federation India Chapter (Bank details are being furnished in the invoice)*.

Contact details:

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## IRF GPC AND UNIVERSITY OF BIRMINGHAM ORGANISE SENIOR ROAD EXECUTIVES PROGRAMME (SRE) 2014



The SRE, a programme recognized, among others by the World Bank and UK Department for International Development, is a world reputed programme, especially tailored to senior road executives dealing with **Road Sector Reforms, Road Financing, Road Maintenance Management and Road Safety**. The programme is aimed at disseminating to them recent cutting edge advances in sustainable roads. Participants attending this 12-day intensive training course delivered by internationally renowned experts and organised by the University of Birmingham and **IRF Geneva Programme Centre**, will qualify for the prestigious IRF "*Certificate in Sustainable Road Management*".

The Programme will be conducted in the School of Civil Engineering, University of Birmingham, Edgbaston, Birmingham, UK from **23th June to 5th July 2014**.

Members are requested to nominate delegates for these courses and avail the early bird discount being offered.

### WHY YOU SHOULD ATTEND

The format of interactive plenary sessions, case studies, question and answer times and site visits will enable you to: learn new concepts; discuss pertinent issues; interact and network with experts and fellow delegates; identify solutions to problems faced in your country, and; share experiences.

For up to date information visit [www.sreprogramme.org](http://www.sreprogramme.org).

### TOPICS ADDRESSED

#### Road Sector Reforms

International Practice; Sectoral Roles; Micro-enterprises; Ownership and Responsibility; Road Boards; Governance; Performance Based Contracts; Procurement; Politics; Governance; Green Transport; Urban Roads

#### Road Financing

Road Funds; Private Finance; Accountability; Public-Private Partnerships (PPPs); Road User Charges

#### Road Maintenance Management

Data Collection; Diagnosis; Treatment Selection; Prioritization; Decision Support Systems; Sustainability; Environment; Rural Roads

#### Road Safety

Economics; Low Cost Measures; Vulnerable Road Users; Strategies and Policy; Safety Audits; International Practices; Road Safety Campaigns; Drivers Training and Standards

### DELEGATE FEES

1 module	£2,200
2 modules	£3,300
3 modules	£4,400
4 modules	£5,500

**Special early bird booking offer:** for all bookings confirmed by 12 May 2014 free bed and breakfast accommodation is included. Accommodation is for one person:

1 module	= 4 nights free
2 modules	= 8 nights free
3 modules	= 11 nights free
4 modules	= 14 nights free

For bookings made from 12 May 2014 accommodation is not included in the course fees.

### PAYMENT

Payment must be received 28 days after receipt of invoice, or a 5% administration fee will be incurred. If you are unable to attend after booking, you may send a substitute or confirm your cancellation in writing by 12 May 2014 for a refund (less 10% admin. charge). No refunds will be made after this date. Payments in cash will not be accepted.



### All enquiries and bookings to

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## PRESS RELEASE : NEED FOR ACTION PLAN TO REDUCE ROAD ACCIDENT FATALITIES

*India needs to finalize an action plan to reduce fatal road accidents and reduce road fatalities by 50 percent by the year 2020, a target set by the UN General Assembly.*

*India accounts for the highest number of road fatalities among all the countries in the world. All State Governments should come forward to change the road safety culture - said K.K. Kapila, Chairman, International Road Federation (IRF), a Geneva based global road safety body.*

India accounts for 10 percent of the total 1.3 million road accident fatalities worldwide, despite having only one per cent of the world's vehicle population. About 1.38 lakh people were killed in around 4.9 lakh road accidents in the year 2012.

The estimates of the Planning Commission and the World Bank have put the social cost of accidents between 2 to 3 per cent of the GDP every year. The Nation is losing more than Rs. 1 lakh crore a year because of road accidents, and this is besides the loss of human life and trauma.

India is a signatory to the United Nation's Decade of Action plan for Road Safety across the world which aims to reduce road fatalities by 50% by the year 2020. The Indian Government has since realized the gravity of this epidemic and has taken some meaningful initiatives in the recent past. I would like to congratulate Mr. Vijay Chhibber, Secretary MoRT&H for leading these initiatives ably assisted by Mr. V.L. Patankar, DG RD & SS and Mr. Sanjay Bandopadhyaya, Joint Secretary, MoRT&H.

In a welcome move, for the first time in the political history of India, a party has included road safety and the commitment to reduce deaths due to road crashes in its political manifesto. The Congress Party promised a "*strong willed political commitment*" to reduce fatalities by 50% in the next five years in its Lok Sabha Manifesto and IRF has welcomed it.

In its Manifesto, the Congress promised to launch a "*National Road Transport Safety Programme.*" It added that the programme will make every possible effort to change the road safety culture while establishing clear road safety norms. Global agencies involved in road safety have blamed the lack of policies and enforcement as the main reasons behind increasing road fatalities in the country. IRF expects other National parties to also include this issue in their respective manifestos.

The Country needs a huge commitment to reduce fatal road accidents. IRF, on its part, is dedicated to making roads safer refusing to accept the loss of life and limbs at the cost of mobility. It will continue with its efforts to reduce road accident fatalities through engaging with larger communities and stakeholders in various awareness activities on road safety to encourage everyone to join hands in making roads safer.

Several measures towards improving road safety include the much awaited amendment to the Motor Vehicles Act (MVA), improvements in roads from engineering perspective, road safety audits in all stages of road construction, beginning right from the planning stage, besides identification and remedy of black spots, which account for almost 90% of road fatalities in India.

The *Motor Vehicles Act (MVA) Amendment Bill*, which has been already cleared by the Rajya Sabha, provisions of appropriate penalties, accompanied by public awareness of the laws are critical factors that is expected to help in reducing road traffic injuries and deaths. The Bill, when cleared and becomes effective, will ensure that the traffic rule violators end up paying hefty penalties - almost 10 times more than what they pay now - for offences such as over speeding and drunken driving. The Bill seeks to raise compensation for death resulting from a hit and run accident to Rs 1 lakh and Rs 50,000 for the injured in such incidents. It will help in strengthening Road Safety Legislation, which will play a very important role in making the country's roads safer.

Some of the recent initiatives taken by the Central Government and the Ministry of Road Transport and Highways (MoRT&H) include - allowing Members of Parliament (MP) to use their Local Area Development Fund for works including constructing road under bridges at railway crossings, as well as on Highways, which has habitation on either sides, foot over bridges for crossing railway tracks as well as heavily trafficked roads, road diversions, footpath and pedestrian ways and segregated cycle tracks. All these activities are aimed at reducing accidents and fatalities.

During the Budget for last financial year 2012-13, the Union Government had allowed income tax exemption on 50% of the amount that people and entities contribute for road safety activities. Extending to it 100 percent tax exemption, will further help motivate people to donate generously for road safety activities. MoR&TH has taken up this matter with the Ministry of Finance at the Minister level. MoRT&H, in the budgetary provisions for the States has allowed states to use 10% of road construction funds on engineering measures for road safety. The Road Ministry, in association with State Police Authorities has whole heartedly supported the IRF initiative of making bicycles conspicuous by affixing free retro reflective tapes on bicycles in Delhi and other destinations across the nation.

The Government has set a five-year target for reversing the accident growth rate to negative. The measures to check fatal road accidents include improving road engineering, adding public transport with inbuilt safety features, providing separate cycle lanes to the extent possible, construction of lay-byes on highways after every 50 kilometers with proper signages, providing for resting areas, eating joints, petrol pumps and other basic facilities, rest rooms and communication facilities, thus improving public transport system. The Union Ministry of Urban Development has already provided more than 10,000 buses to various major cities in the country.

The *Central Board of Secondary Education (CBSE)* has agreed to introduce Road Safety in a subtle way through various subjects of their existing curriculum, thus not further burdening the students with new subjects. This introduction has been done within the existing curriculum of subjects like English, Hindi, Mathematics, Science and Social Studies in Delhi, besides other States following the NCERT curriculum. This initiative is also being taken up with other States.

IRF has also suggested Road safety audits on state road networks by the state governments. Worldwide road safety audits are done to reduce road accidents, the audit includes improving the fault of road design, which is major cause of road accidents. IRF can help in training road safety auditors as it has already trained more than 250 road auditors till date in the country.

Some of the suggestions made by IRF to the Central and State Governments include setting up of fully equipped trauma care centres for accident victims in hospitals, linked with major highways in the state, as proper medical care administered in time to accident victims can save lives. Appropriate road signs providing information about these trauma centres with phone numbers should be put on all highways and major roads. State Governments should also ensure that any person helping accident victims should not be harassed by the police as per Supreme Court directions. IRF has further suggested that all heavy motor vehicle drivers should be trained in first aid trauma care. This will work out as a very effective way to provide immediate assistance to accident victims since a bus or truck is likely to pass the accident site within a short time and if the driver is equipped to assist, he will be able to save the lives of accident victims. Besides, it will make these drivers more sensitive towards safe driving.

The other suggestions include enforcement of traffic rules and provisions of Motor Vehicle Act 1988. Enforcement of these rules include wearing of helmet, use of reflective tapes by trucks and buses, mandatory fitment of side and rear under run protection in trucks and buses and strict action against over loading of vehicles.