

Chamelidevi Group of Institutions Indore

Road Accidents & Safety

By

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Basant Road, ... wada 2, ...

STOP

ఈ ప్రాంతాన్ని దాటేటప్పుడు ఈ ప్రాంతాన్ని దాటండి

R.S. బుక్స్

World First Death on Motor Vehicle

17 August 1896 in London



ACCIDENT PRONE ZONE

I) Top five states which reported maximum number of road accidents

■ Maharashtra.....	68,438
■ Tamil Nadu.....	65,873
■ Madhya Pradesh.....	49,406
■ Karnataka.....	44,731
■ Andhra Pradesh.....	44,165

II) Top five cities which reported maximum number of road accidents

■ Mumbai.....	25,471
■ Delhi.....	7,281
■ Bangalore.....	6,031
■ Indore.....	4,995
■ Bhopal.....	3,459

III) Major causes of road accidents in 2011

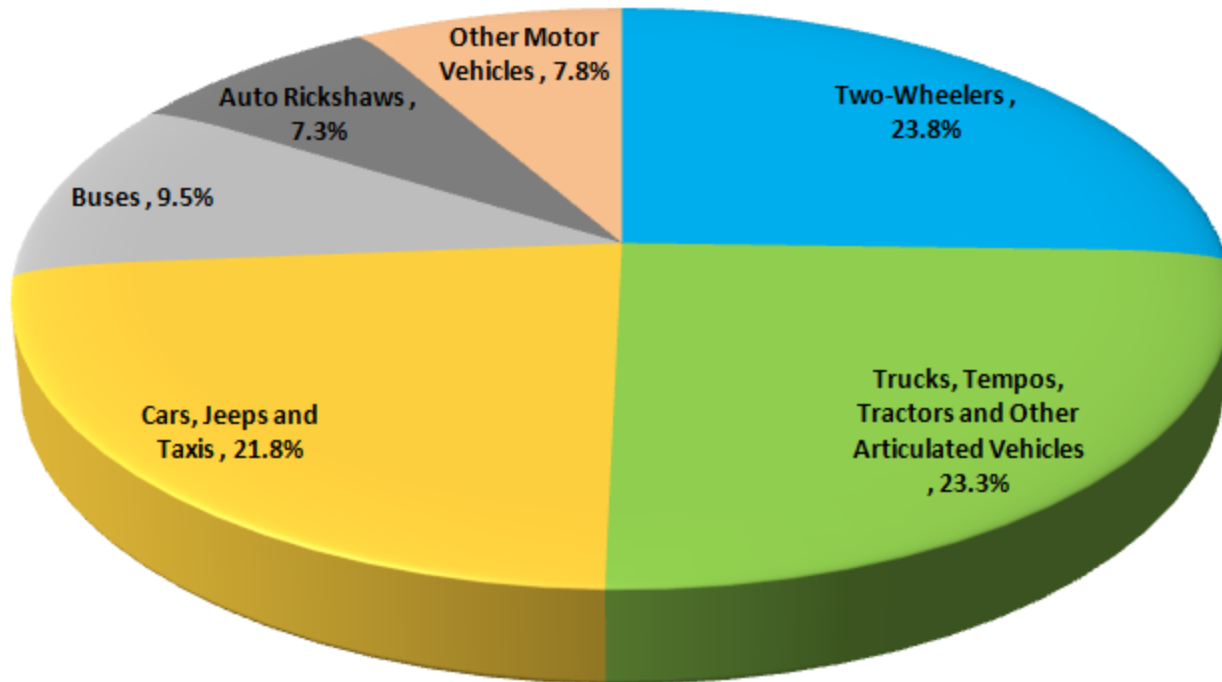
■ Driver's fault.....	77.5 %
■ Pedestrian's fault.....	2.4 %
■ Cyclist's fault.....	1.3 %
■ Defect in road condition.....	1.5 %

IV) Urban – rural distribution

■ Accidents in rural areas.....	53.5 %
■ Road accident deaths in rural areas.....	63.4 %
■ Accidents in urban areas.....	46.5 %
■ Road accident deaths in urban.....	36.6 %

TOTAL ROAD ACCIDENTS IN 2011	4.97,000
TOTAL ROAD ACCIDENT DEATHS	1,42,485

Road Accidents Share by Vehicles Category



Common Observations

LANE BREAKING

OBSERVE LANE DISCIPLINE



NATIONAL SAFETY COUNCIL, C/O Brijpur, New Mumbai - 400 014

TALKING ON MOBILE WHILE DRIVING

**OBSERVE
CAUTION**

IT IS DANGEROUS TO USE
MOBILE PHONE WHILE DRIVING

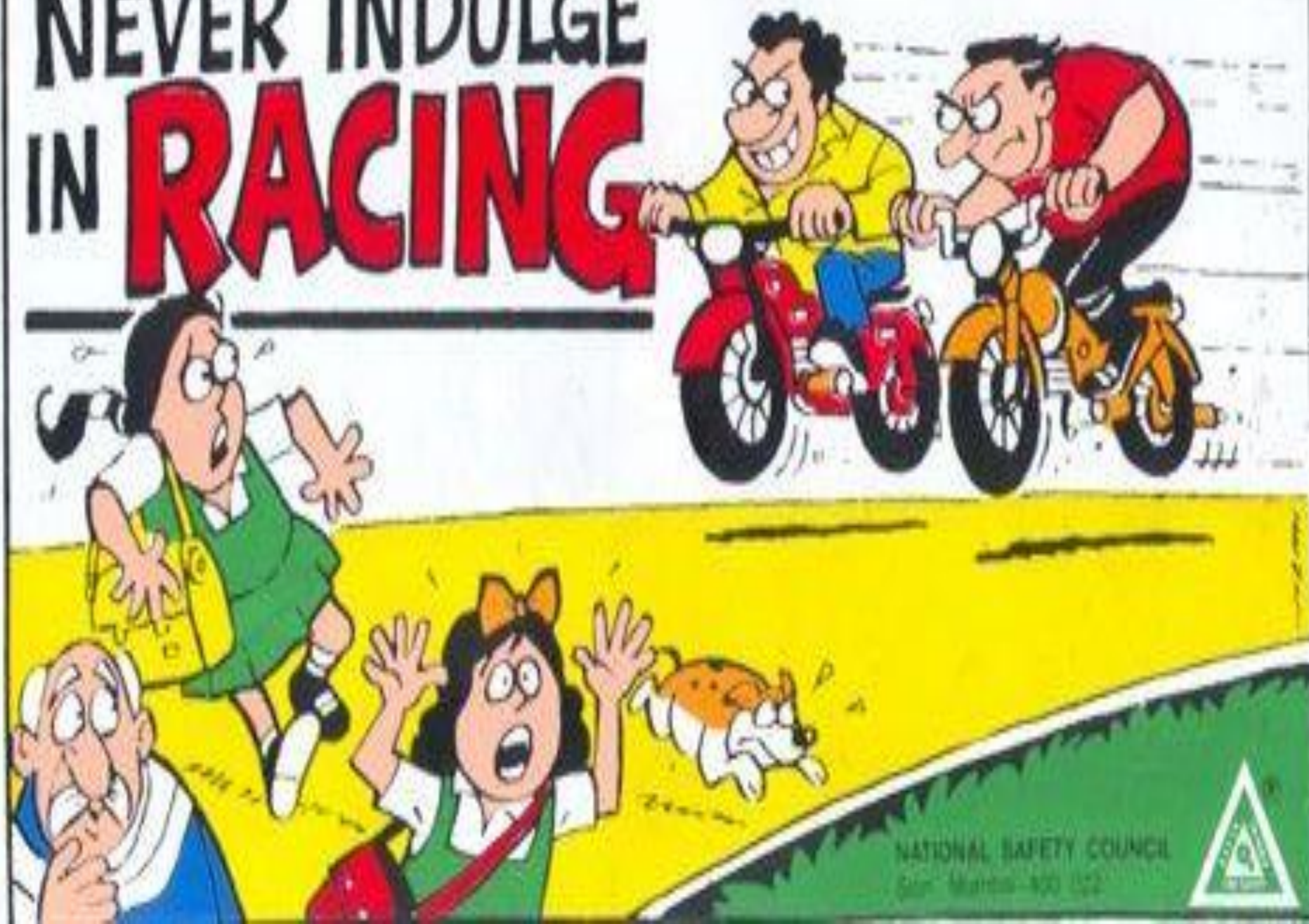


NATIONAL SAFETY COUNCIL
Tel: 0800 400 000



RACING

NEVER INDULGE
IN **RACING**



NATIONAL SAFETY COUNCIL
Get Motorists 400 US2



SUDDEN INTRUSION

BEWARE OF SUDDEN PEDESTRIAN INTRUSION!



NATIONAL SAFETY COUNCIL

C.B.D. Belapur, Navi Mumbai - 400 614

WHILE REVERSING

WATCH OUT WHILE REVERSING!



NATIONAL SAFETY COUNCIL 300 N. MICHIGAN

SIGNAL YOUR MOVE



SIGNAL

YOUR MOVE

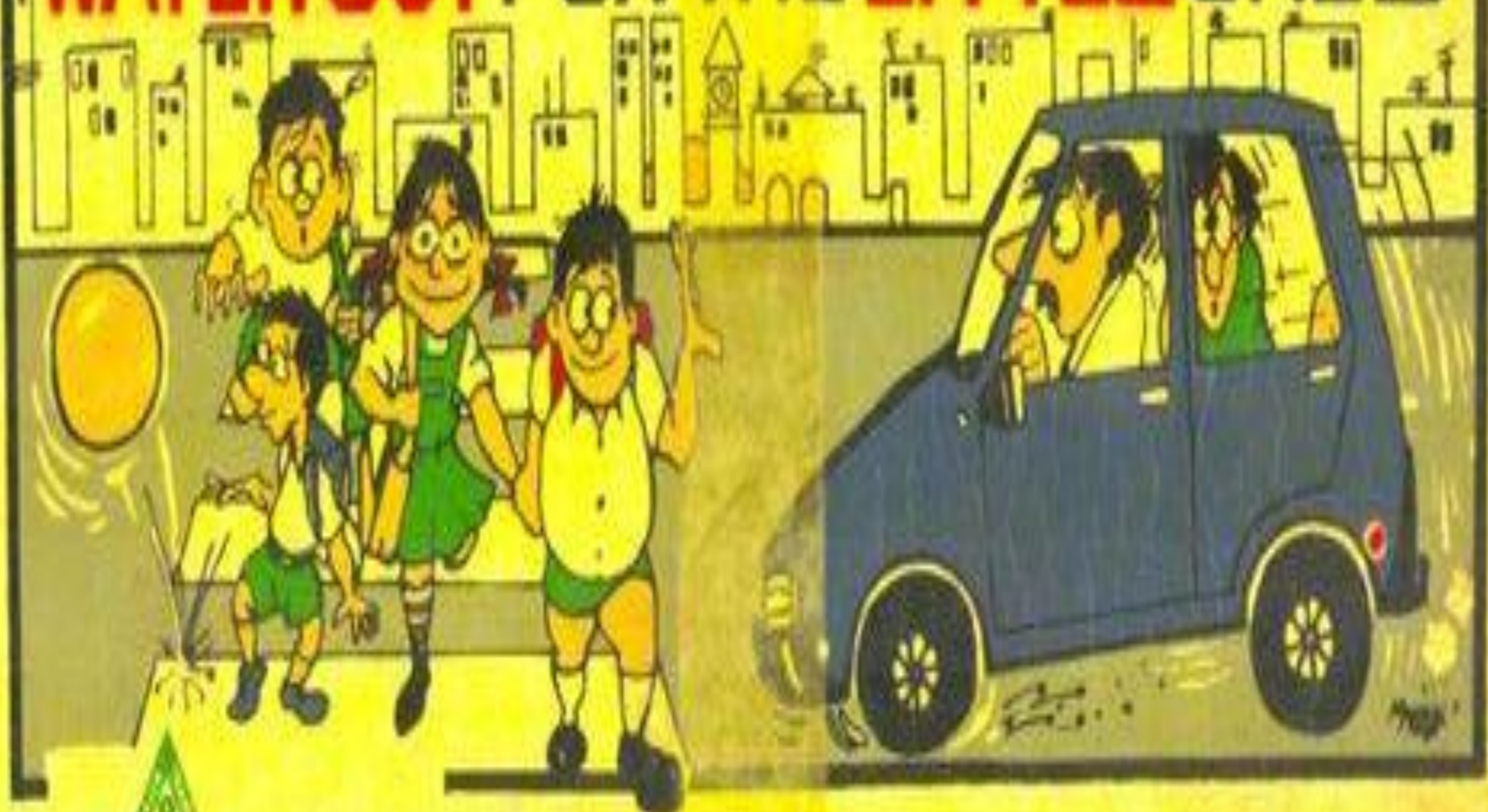
CLEARLY



NATIONAL SAFETY COUNCIL, Sign. Bombay-22

WATCH FOR LITTLE ONES

WATCH OUT FOR THE LITTLE ONES



NATIONAL SAFETY COUNCIL - SIAM, MUMBAI - 400 001

Breaking Traffic Rules



“ Family bike “ means Family in a Bike



Some of The Main Risk Factors for Road Traffic Crashes and Injuries

- Inappropriate and excessive speed
- Presence of alcohol and other drugs
- Fatigue
- Being young and male
- Traveling in darkness
- Poor vehicle maintenance
- Road design, layout and maintenance defects
- Inadequate visibility due to weather conditions
- Poor eyesight

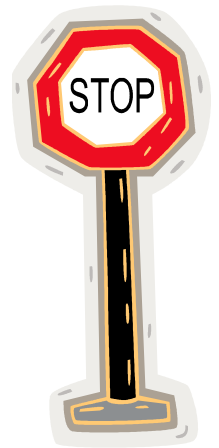
Factors Influencing the Severity of Crash

- Individual characteristics such as age which influence the ability of a person to tolerate a crash
- Inappropriate and excessive speed
- Non use of seat belts and child restraints by vehicle users
- Non use of crash helmets by two-wheeler
- Unforgiving roadside objects such as concrete pillars
- Insufficient vehicle crash protection such as air bags for occupants and vehicle soft fronts for those who may be struck by vehicles



Basics of Safe Driving

- Always wear a seatbelt
- Adjust the seat and check mirrors
- Pay attention
- Do not talk on the phone
- Never drive impaired
- Do not speed
- Never run stop signs or red lights
- Give pedestrians the right of way
- Get rid of all other distractions
- Look out for the other driver – Drive defensively



Be a Defensive Driver

Driving defensively means being responsible for your own actions but also keeping an eye out for other drivers.

- Secure all passengers with safety belts



- Driving too fast or too slow raises the likelihood of an accident

- Alcohol is a factor in nearly half of all fatal motor vehicle crashes. Never drink and drive



- Stay clear if you notice a car swerving, making wide turns, or stopping abruptly, the driver may be impaired

- Do not follow too close or cut off other drivers

- Allow 3 to 6 seconds reaction time

- Abide by the rules of the road and respect other drivers



Taking Action For Road Safety

What Government can do.....

- Make road safety a political priority
- Appoint a lead agency for road safety, give it resources and make it accountable
- Set appropriate road safety targets and establish national road safety plans
- Develop mechanisms that promote a multi disciplinary approach to road safety

- Ensure the road safety is viewed to be a serious political issue
- Set and enforce strong and uniform vehicle safety standards
- Enact and enforce legislation requiring the use of seat-belts and motorcycle helmets, speed limits and control of alcohol impaired driving
- Enforce safety laws already in existence

What we can do ?

- Include road safety in health promotion and disease prevention efforts
- Systematically collect health-related data on the magnitude, characteristics and consequences of road traffic crashes
- Support research to increase knowledge about risk factors and the development, implementation, monitoring and evaluation of effective counter measures

- Strengthen pre-hospital and hospital care as well as rehabilitation services for all trauma victims
- Develop trauma care skills of medical personnel at the primary health care, district and tertiary health care levels.

- Promote the development of policies aiming at greater integration of health and safety concerns into transport policies and facilitate this by further developing methods and tools to this effect (e.g. integrated assessments)
- Invest in Medical research to improve the care of trauma survivors

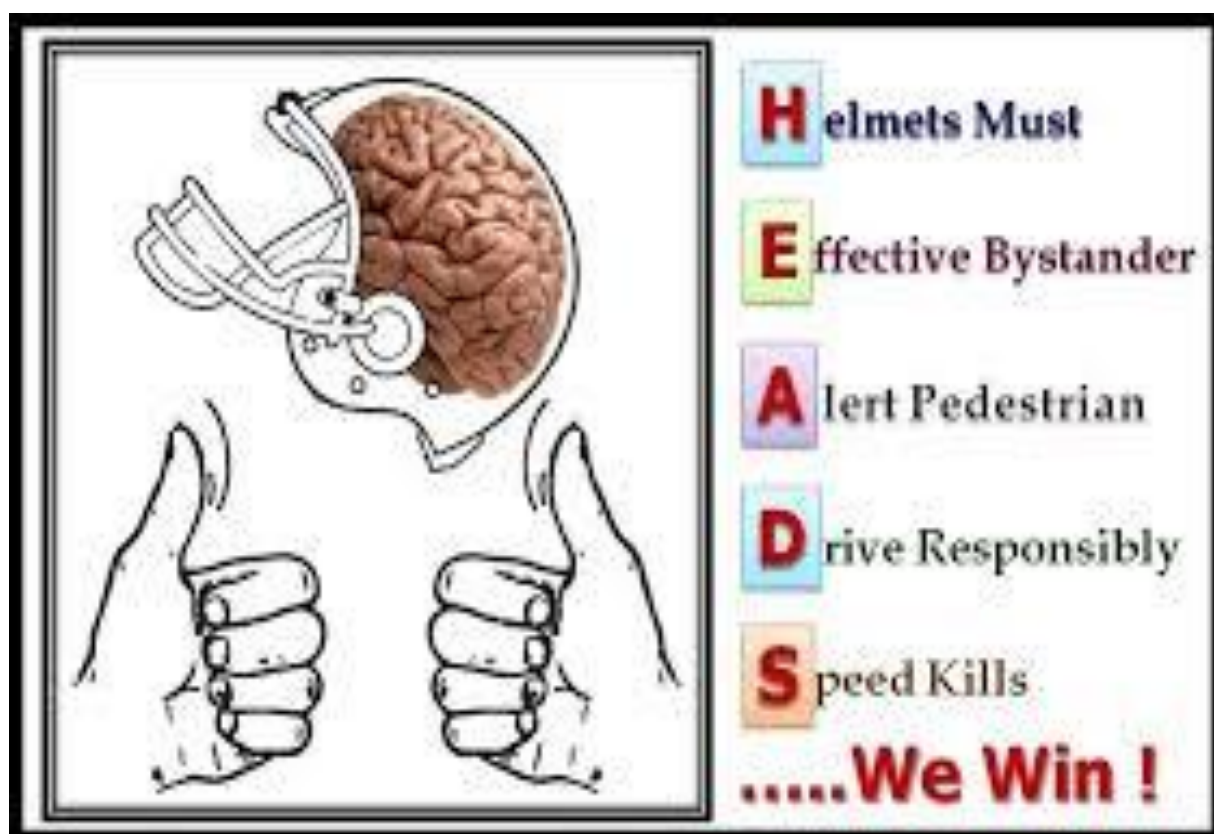
What vehicle Manufacturer Can do

- Ensure that all major vehicles meet minimum safety standards, regardless of where a vehicle is made, sold or used including the provision of seat-belts and other basic safety equipment
- Begin to manufacture vehicles with safer vehicle fronts to reduce injury for vulnerable road users
- Advertise and market vehicles responsibly by emphasizing safety

What Communities & Civil Societies Can do....

- Encourage governments to make the roads safe
- Identify local safety problems
- Help plan safe and efficient transportation systems that accommodate drivers as well as vulnerable road users like cyclists and pedestrians
- Encourage safety programmes for school children
- Demand safety features e.g. seat belts in cars

- Encourage strong enforcement of traffic safety laws and regulations, and advocate for strong and swift punishment for traffic offenders
- Behave responsibly by:
 - Abiding by the speed limit on roads
 - Never driving when over the legal alcohol limit
 - Always wearing a set-belt, and properly restraining children, even on short trips
 - Always wearing crash helmet when riding a two-wheelers



Helmets Must

Effective Bystander

Alert Pedestrian

Drive Responsibly

Speed Kills

.....We Win !



SAFETY ON ROAD IS
SAFE TEA AT HOME.

Autoraiders.com



SAFE DRIVE
STAY ALIVE

THANK YOU