



INDIA CHAPTER

Rajasthan

Rajasthan, 'Land of Kings' or 'Land of Kingdom' is located on Northwest part of the country and is a home of cultural diversity. The major attractions of the State are the ruins of Indus Valley Civilization, Temples, Forts and Fortresses, which are found in almost every city of Rajasthan. The State of Rajasthan is divided into 9 regions – Ajmer, Hadoti, Dhundhar, Gorwar, Shekhawati, Mewar, Marwar, Vagad and Mewat known for their rich heritage, history and artistic contribution.

Rajasthan covers 342,239 Sq.Kms or 10.4 per cent of India's total geographical area and is the largest Indian State by area, and the seventh largest by population. Despite being a desert land, Rajasthan is one of the top five Indian States with the maximum number of lakes.

One of the factors of concern in the State is with regard to its road safety performance. As per MoRTH Accident Statistics 2019, Rajasthan reported 23,480 accidents which resulted in 10,563 fatalities and 22,979 injuries in 2019. It is ranked 5th in terms of number of total road accident fatalities in the country.

Amongst IRF-IC's 7 State Demonstration Safe Corridor Project, the Govt. of Rajasthan had identified a 180 Km Paniyala Mod to Dudu as the project stretch for 5E interventions. These 5E interventions will help transform this stretch to forgiving road with an almost zero fatalities and serious injuries.

The Coordinators for the project from Rajasthan Govt. and IRF-IC are:

- Ms. Nidhi Singh, Dy. Transport Commissioner, Road Safety, Rajasthan Government's Nodal Officer/Coordinator
- Mr. Ranjit Singh, Addl. Director General (Border), C.P.W.D, Delhi, IRF-IC's Coordinator

Status of the 5E Interventions:

1st E of Engineering of Roads: The objective of this intervention is to study the road stretch through an extensive audit and identify areas of improvement through design corrections, enhancing traffic signages, markings, etc. The first Road Safety Audit was undertaken by Team Ashoka Buildcon Ltd. This was followed by a validation audit by IRF-IC team comprising of Mr. Jacob George, Mr. Jasvinder Duhan and Mr. Jatin Sehrawat.



Interaction with Traffic Police during Audit



Audit during the Rainy Weather



A comprehensive audit report has been prepared giving details of proposed corrections at the Junctions, recommendations on Traffic Signage and Road Markings along with a detailed BoQ submitted to NHAI. The next step is the implementation of the corrections by NHAI to make the stretch Safer.

2nd E of Engineering of Vehicles and Policy Interventions: The objective of this intervention is to promote and propagate various mandatory safety features in motorised and non-motorised vehicles as well as supporting policies. It is often observed that though many provisions related to safer mobility is in existence, there is a lack in their enforcement and compliance in various States of India. We have identified certain key vehicular safety measures such as fitment of Side Under-run Protection Devices, Rear Under-run Protection Devices, Front Under-run Protection Devices, Conspicuity of vehicles, retro fitment of Anti Brake System, etc, and policies such as Good Samaritan Rule, Linkage of Driving Licenses with Aadhar Cards, etc., for pursuing with the State Government for their propagation, enforcement and ensuring compliance.

3rd E of Education and Mass Awareness: We will impart Road Safety Education in around 300 schools on the stretch with the help of Prabhaav Foundation as the Delivery Partner. The children in the age group of 11 to 17 years are being imparted the education. So far, we have completed this in around 30 schools and this activity will resume shortly as the schools have reopened after the summer vacations.

Besides this, we are promoting our Road Safety Anthem in 23 Indian languages towards creating mass awareness. IRF has produced a few short films of 1 to 5 mts duration with the support of Corporate India. We are making efforts with the concerned department in the Governments at the Centre and the State to make it mandatory to show these short films in Cinemas before the screening of any commercial films. This is similar to the anti-cancer campaign of the Government which has successfully created massive awareness to the cause.



Road Safety Education in Schools in Progress

4th E of Enforcement and Traffic Management: The objective of this intervention is to strengthen the Traffic Management and Accident Data Collection capabilities of the Police Personnel through imparting a short duration training. For this purpose, 12 Police Stations on the project stretch were identified and a brief survey was undertaken to understand the infrastructure availability at each of the Police Stations. This was followed by a 3 -day training programme on Traffic Management, Enforcement and Accident Data Collection for a group of 25 police personnel of different ranks drawn from each of the 12 Police Stations. The training took place during April 11 to 13, 2022 at the Campus of the College of Traffic Management, Faridabad. The training programme was imparted by IRTE's Dr. Rohit Baluja and his team, guest faculty and Prof. P.K. Sikdar of IRF-IC.



Lighting of the Lamp and Certificate Distribution at the conclusion of the 3 day Programme

5th E of Emergency Care: The objective of this intervention is three pronged. First, Survey of the Hospitals at District Level, offering more than 100 Beds and having provision for 24 hour emergency, to understand their current available Infrastructure and Skilled Capacities. This will be followed by a feasibility exercise aiming to enhance 5-6 of these hospitals to Level 1/Level 2/Level 3 Trauma Care Centres. IRF-IC team had surveyed 19 hospitals which met our screening criteria and received data from all of them.



Enumeration in ABS Hospital, Dudu

Enumeration in Dhanwantri Hospital, Jaipur



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Second is to undertake training of able bodied Bystanders to act as First Responders during pre-hospital care. An IRF-IC team of Pre-hospital Trauma Care Technicians imparted hands on training on First Aid Trauma Care to the Bystanders drawn from road side establishments, communities, institutions, etc. The curriculum covered in the training programme included Cardio Pulmonary Resuscitation (CPR), Splinting, Injuries Management, Management of Animal Bites, Safe Transportation of the victims, etc. On this Project Stretch, 11 Training Programmes were imparted to Bystanders / Workers / Staff at Toll Plazas, Schools, Panchayat Samiti, etc. 603 bystanders were trained.



Interaction during First-aid Training in a Govt School



Demonstration of CPR to Villagers

Third is with regard to Rehabilitation of Accident Victims. We are presently working on this concept and shall update this space as and when ample progress is recorded.