

Accident Data Analysis Centre - NCVRS

The Accident Data Analysis Centre under NCVRS-Rae Bareli was established by NATRiP at ITI campus. The ADAC centre is one of the first and unique initiatives of Government of India to provide scientific collection and research of accident data. The main aim of the centre is to provide exclusive services to public body and agencies. The centre is involved in following activity:

- 1) Collection of Accident data:** The activity includes scientific data collection from accident sites. Through various tools available at centre. To collect the data a state of the art mobile accident data collection van is located at centre, which is equipped with high end cameras, measuring devices, mast lars, leaser gun etc.
- 2) Accident Virtual Reconstruction:** On basis of collected data the skilled engineers are working virtual reconstruction of accident and by the help of dedicated computers and simulation software's such as PC-Crash, Pc-rect. etc.
- 3) Reproduction of Crash test:** On the basis virtual reconstruction, the real scenario of accident will reproduce in crash test, which will help in case investigation by public agencies such as police and insurance companies.

These activities lead in developing following facilities in India:

- **Design of regional research programs in this field.**
- **Creation of regional data accident compiling nets.**
- **Preparation of the data accident application form.**
- **Training of the accident handling teams (Such as police).**
- **Scientific analysis of the data collected and compilation of reports.**