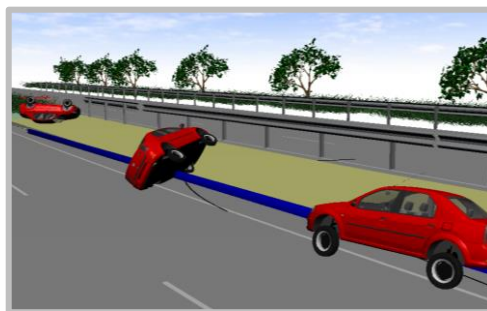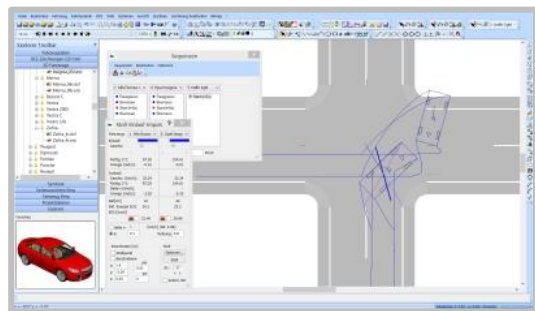# PC-Crash Accident Reconstruction Workshop
17 – 18 October 2019
Courtyard by Marriott Mumbai International Airport

This workshop aims to expose participants to the concepts of scientific crash investigation and data collection and demonstrate how to utilise the collected data to reconstruct an accident using Newton's equations of motion and PC-Crash 12.0 software. The participants will be guided through a step-by-step process to reconstruct the accidents to determine crash event sequences, various speed estimation of vehicles involved and extract 3D video of the simulated accident.

The professionals from OEMs/suppliers, insurance companies, people involved with fraud management, surveyors, logistics companies, engineering firms, law practitioners, Government personnel, police and all others who are working towards road safety can attend this workshop.

Registration Fee: ₹20,000 + 18% GST (Per Participant)
Click here to register

Included in registration fee	Not included in registration fee
• Lunch and beverages	• PC-Crash License
• PC crash software DVD	• Accommodation
• Training handout	• GST 18%

Training Schedule

Day 1, Thursday (17 October 2019)	
08:30 to 09:30	Registration
09:30 to 10:30	Introduction and PC-Crash Installation
10:30 to 11:00	**Basic Crash Reconstruction Methods**
11:00 to 11:15	Tea Break
11:15 to 12:00	**Basic Crash Reconstruction Methods**
12:00 to 13:00	**Introduction To PC-Crash** • Starting a project • Configuring a vehicle • Simulation control menus • Collision basics
13:00 to 14:00	Lunch
14:00 to 16:00	**Vehicle Control** • Sequences: Braking, Steering, Friction, Geometry Change • Follow paths • Backwards simulation
16:00 to 16:15	Tea Break
16:15 to 18:00	**Crash Simulation and Results** • Crash simulation window values and reports • Diagrams • The 3D window: Controls and settings • Video rendering
Day 2, Friday (18 October 2019)	
09:00 to 11:00	**PC Crash Reconstruction – Car vs Object**
11:00 to 11:15	Tea Break
11:00 to 13:00	**PC Crash Reconstruction – Car vs Car**
13:00 to 14:00	Lunch
14:00 to 16:00	**PC Crash Reconstruction – Car vs Motorcycle**
16:00 to 16:30	Q&A Session and Feedback
16:30	Tea Break and Close

Payment Instructions

Payment can be done via NEFT/ Cheque / DD. Bank Account details are as below

Bank: HDFC Bank Ltd	Branch: Kalapatti, Coimbatore	
Account No. 50200027471923	SWIFT: HDFCINBBCHE	IFSC Code: HDFC0001068

Important information

- This is a **non-residential** workshop.
- Participants must bring their laptop on both the days.
- PC-Crash software is compatible with laptops running on **Microsoft Windows only** and **NOT SUITABLE FOR MAC OS.** The hardware requirements are as follows,
  - Processor: 1 GHz IA-32 processor
  - Memory (RAM): 1 GB
  - Graphics card: DirectX 9 graphics processor
  - HDD free space: 16 GB of free disk space
- PC-Crash dongle will be provided to all participants, which will be collected back after completion of the session.
- Participants are solely responsible for the loss/misuse/damage of the dongle.

  For further details/queries, kindly contact us at *training@jpri.in* or +91 99524 76404