

# Certification Course for Road Safety Auditors



Venue: Council Hall, Central Road Research Institute, New Delhi

<b>Day-1 (20<sup>st</sup> /27<sup>th</sup> May 2013)</b>	
<b>Time</b>	<b>Details of Topics</b>
08.30 Hrs	Registration
09.30-10.00	Welcome and Inauguration of the Course
<b>10.00-10.15</b>	<b>Tea/Coffee</b>
10.15-11.00	Road Safety in India – An Overview
11.00-11.30	Characteristics of Road Accidents in India
<b>11.30-11.45</b>	<b>Tea/Coffee</b>
11.45-12.30	Planning for Road Network, Land Use and Road Environment for Safety
12.30-13.15	Designing for Safety: Road Link Design
<b>13.15-14.15</b>	<b>Lunch</b>
14.15-14.45	Designing for Road Safety: Junctions
14.45– 15.30	Road Safety Audit - An Introduction
<b>15.30 – 15.45</b>	<b>Tea/Coffee</b>
15.45-16.30	Design Stage Road Safety Audit
16.30 -17.30	Detailed Design Audit – In-office Audit – Audit of an Example Design
17.30-17.55	Detailed Design Audit – In-office Audit & Preparation of Report
17.55-18.00	Summary of Day-1 & Briefing for Day-2
<b>18.00 Hrs</b>	<b>Close of Day-1</b>

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<b>Day-2 (21<sup>st</sup> / 28<sup>th</sup> May 2013)</b>	
<b>Time</b>	<b>Details of Topics</b>
09.00-09.30	How to Conduct Road Safety Audit: An International Perspective
09.30-10.00	Road Safety Audits of Land Use Developments
10.00-10.30	Construction Zone Safety & Pre Opening Audit
10.30-11.00	Traffic Control Devices & Safety Needs of Different Road Users
<b>11.00 – 11.15</b>	<b>Tea/Coffee</b>
11.15 -11.45	Introduction to Crash Investigation and Analysis
11.45 – 12.15	Human Factors Relating to Crashes
12.15 – 12.45	The Steps in Treatment of Crash Locations
12.45 – 13.15	Diagnosing the Crash Problem
<b>13.15-14.00</b>	<b>Lunch</b>
14.00 – 14.45	Crash Problems into Solutions & Accident Costing / Economic Appraisal
14.45 -15.15	Writing the Crash Investigation Report
<b>15.15 – 15.45</b>	<b>Tea/Coffee</b>
15.45 – 16.15	Hazard Management with Respect to Road Safety
<b>16.15 – 16.30</b>	<b>Road Safety Toolkit</b>
16.30-17.55	Group Presentations on RSA of Design, 10 Minutes per Group
17.55-18.00	Summary of Day-2 & Briefing for Day-3
<b>18.00 Hrs</b>	<b>Close of Day-2</b>

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<b>Day – 3 (22<sup>nd</sup> /29<sup>th</sup> May 2013)</b>	
<b>Time</b>	<b>Details of Topics</b>
09.00-09.30	Street Lighting & Traffic Signals
09.30-10.00	Safety Issues for VRUs in India
10.00-11.15	Pedestrians and people with disabilities & Road Safety Audit – Cyclists
<b>11.15-11.30</b>	<b>Tea/Coffee</b>
11.30-12.15	Road Signs and Pavement Markings
12.15-12.45	iRAP Introduction
12.45-13.15	Safe System Approach
<b>13.15-14.00</b>	<b>Lunch</b>
14.00-14.30	Speed Management & safety
14.30-15.00	Utilizing Speed Limits & Speed Zone Signing
15.00-15.30	Infrastructure required to support speed feedback and enforcement
<b>15.30-15.45</b>	<b>Tea/Coffee</b>
16.30-17.15	Organizational Commitment Towards Road Safety Audit
17.15-17.45	Road Safety Audit Checklist
17.45-18.00	Summary of Day-3 & Briefing for Day-4
<b>18.00 Hrs</b>	<b>Close of Day-3</b>

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<b>Day – 4 (23<sup>rd</sup> /30<sup>th</sup> May 2013)</b>	
<b>Time</b>	<b>Details of Topics</b>
09.00-11.30	Existing Roads Audit –Site Visit (An Example Stretch of Road)
<b>11.30-11.45</b>	<b>Tea/Coffee</b>
11.45-13.15	Audit of Grade Separated Intersection (Site Visit)
<b>13.15-14.00</b>	<b>Lunch</b>
14.00-14.45	Construction Zone Audit – Site Visit
14.45-15.30	Preparation of the Audit Reports
<b>15.30-15.45</b>	<b>Tea/Coffee</b>
15.45-17.45	Preparation of the Audit Reports
17.45-18.00	Summary of Day-4 & Briefing for Day-5
18.00-20.00	Night-time Audit (Site Visits)
<b>20.00 Hrs</b>	<b>Close of Day-4</b>

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<b>Day – 5 (24<sup>th</sup> / 31<sup>st</sup> May 2013)</b>	
<b>Time</b>	<b>Details of Topics</b>
09.00-09.30	Risk Assessment & Ranking Audit Recommendations
09.30-10.00	Solutions and Percentage Effectiveness & Corrective Action Reports
10.00-10.30	Preparation of the Audit Reports (Report of Day 4 Work)
10.30-11.30	Evaluation Test
<b>11.30-11.45</b>	<b>Tea/Coffee</b>
11.45-13.15	Presentation & Discussion of RSA Report by Groups: 30 Minutes for Each Group
13.15-14.00	<b>Lunch</b>
14.00-15.30	Presentation & Discussion of RSA Report by Groups; 30 Minutes for Each Group
15.30-16.00	Course Evaluation
<b>16.00-16.30</b>	<b>Tea/Coffee</b>
16.30-16.45	Group Photograph
16.45-17.30	Closing Function & Certificate Distribution
<b>17.30- 17.45</b>	<b>Closing Remarks &amp; Dispersal</b>

**Note:** *All Example Audits and Preparation of Report shall be in Groups of 4-5 participants of the Course and there shall be five Groups out of 30 participants. There will be one mentor assigned to each Group to guide and assist throughout the Course.*