

Certification Course on

"ROAD SAFETY AUDIT AND OTHER ROAD SAFETY RELATED ASPECTS"

for

Road Safety Auditors/Highway Engineers/Traffic Engineers/ Transportation Planners/Student Interns

(May 15-30, 2017)

Organised by

CSIR-Central Road Research Institute, New Delhi-25



About the Institute:



CSIR - Central Road Research Institute (CRRI), a premier national laboratory established in 1952, a constituent of Council of Scientific and Industrial Research (CSIR) is engaged in carrying out research and development projects on design, construction and maintenance of roads and runways, traffic and transportation planning of mega and medium cities, Road Safety, Traffic Engineering and Transportation Planning, Management of roads in different terrains, Improvement of marginal materials, Utilization of industrial waste in road construction, Landslide control, Ground improvements Environmental pollution, and analysis & design, wind, fatigue, corrosion studies, performance monitoring/evaluation, service life assessment and rehabilitation of highway & railway bridges. The institute provides technical and consultancy services to various user organizations in India and abroad.

For capacity building of human resources in the area of highway Engineering to undertake and execute roads and runway projects, Institute has the competence to organize National & International Training Programmes continuing education courses since 1962 to disseminate the R&D finding to the masses.

About the Course:

This course is specially designed and offered by this institute based on the many requests received from the practicing Engineers / Consultants / Student Interns to gain practical knowledge on Road Safety Audit, different aspects of road engineering and road safety. Further, considering the recent circular issued by the National Highways Authority of India (NHAI) vide circular no. NHAI/RSC/012/Empanelment/4231 dated.08/12/2016 aimed at enhancing the skill levels of practicing engineers, Faculty of Civil Engineering/Transportation Engineering and also to enhance the knowledge of the students graduating from Masters (Transportation/Highway Engineering)/ Bachelors degree program in Civil Engineering stream. This course is designed for 15 days covering various aspects including fundamentals of Traffic Engineering, Road Safety and further covering on techniques to be employed during Road Safety Audits for various road facilities like Two lanes roads, Multi lane roads, Urban Roads, Expressways and Hill Roads) and trauma care. The topics envisaged to be covered are given below:

- ✚ Global Road Safety and Road Safety in India
- ✚ Safe System Approach and Forgiving Roads
- ✚ Designing for Safety: Road Link Design
- ✚ Designing for Safety: Road Link Design and Junctions
- ✚ Planning for Road Network, Land Use & Environment for Road Safety
- ✚ Road Signs and Road Markings
- ✚ Speed and Hazard Management

- ✚ Speed Enforcement and Infrastructure Requirements
- ✚ Night Time Road Safety Audit
- ✚ Introduction to Road Safety Audit Approach & Methodology
- ✚ Design Stage Road Safety Audit (RSA),Theory, Practical - A Case Study
- ✚ Construction Stage Road Safety Audit, Theory, Practical - A Case Study
- ✚ Pre-Opening Stage Road Safety Audit, Theory, Practical - A Case Study
- ✚ Existing Stage Road Safety Audit, Street Lighting & Traffic Signals
- ✚ Star Rating of Road Network Using iRAP
- ✚ Road Crash Investigation, Black Spot Identification and Remedial Measures
- ✚ Traffic Volume Studies, Speed and Delay Studies, Spot Speed Studies and Intersection Delay Studies
- ✚ Organizational Commitment towards Road Safety Audit
- ✚ First aid care and Trauma Care Centres
- ✚ Legislative provisions related to road safety in Motor Vehicle Act amendment – 2016 and other salient features
- ✚ Intelligent Transportation System for Highway Traffic Management

Course Fee:

The Course fee is Rs.75,000/- per delegate and Rs. 50,000/- for Student Interns which includes Course Kit only (inclusive of Service Tax). Limited accommodation is available to the delegates at the CSIR - CRRRI Guest House on 'First Come First Service basis' on payment of nominal fee. Course fee shall be paid through **online only** in favour of Director, Central Road Research Institute, New Delhi which is payable at State Bank of India, New Delhi, A/c No.30268867237; MICR No.110002445; IFSC Code : SBIN0010442. Fee once paid cannot be refunded back. **The payment details after the online transfer need to be sent to the following address through Email for completing the registration:**

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NOMINATION FORM

Name: _____

Designation: _____

Affiliation: _____

Address: _____

Contact Number: _____

Email: _____

Details of Online payment:

Reference number: _____

Name of Bank , Amount Transferred & Date of Transfer: _____

