A Five Day Training Programme
on
GEO-SPATIAL TECHNOLOGY (GIS, GPS, RS etc.)
FOR ROADS AND TRANSPORTATION
08-02-2021 to 12-02-2021
Call for Registration and Participation

Course Organizer:
Dr. Neelam J Gupta
Principal Scientist & Head
(Information Liaison and Training)

Course Coordinator:
Dr. A. Mohan Rao
Principal Scientist
(Traffic Engineering and Safety Division)

Organised by:
CSIR-CENTRAL ROAD RESEARCH INSTITUTE
(Council of Scientific and Industrial Research)
Delhi – Mathura Road, New Delhi – 110025, India
CSIR-CRRI TRAINING PROGRAMME ON

GEO-SPATIAL TECHNOLOGY (GIS, GPS, RS etc.) FOR ROADS AND TRANSPORTATION

DURATION: 8 - 12 February, 2021 (5 days)

OBJECTIVES:
- To understand the importance of GIS based database development for planning and management of roads and transportation
- Training in modern surveying techniques using GIS, GPS and RS technologies for preparation of network planning, geometric design and pavement maintenance management

COURSE CONTENTS:
* Introduction to GIS, GPS and Remote Sensing technologies
* Database development and management
* Digital map preparation and analysis
* Application of GIS for preparation of DRRP and core network
* Project preparation for road projects
* Modern surveying techniques and integration with GIS environment
* Road Information System (RIS) includes integration of GIS with HDM-4
* Bridges in transportation system in GIS
* Application of GIS in landslides and mitigation measures
* GIS based transportation planning models
* Demonstration and Hands-on-training in various GIS software

FACULTY:
The Institute has got highly qualified & experienced faculties to impart training on each specific area.

ELIGIBILITY CRITERION:
Qualification: Degree / Diploma in Engineering
Level: Junior Engineer and above
Experience: Two years and above in Road Construction activities
HOW TO APPLY:
Application for nomination to a course should be made in the prescribed application form given on our website. A separate application form should be used for each training courses. Nominations may also be sent through email.

SELECTION OF PARTICIPANTS AND INTIMATION:
Generally, CRRI accept nominations of 30 participants only. The selection will be on first come first served basis among eligible applicants. The confirmation will be sent after receiving complete details of participant. The selected applicant will be informed about his/her selection through e-mail. For other queries contact to Dr. Neelam J. Gupta, Course Organizer (as given below) or email headilt.crri@gmail.com.

COURSE FEE:
The training fee for on-campus trainings is **Rs.18,000/- + 18% GST per participant.** All payments are to be made in advance through e-transfer to the bank account details given below. This includes training registration fee and the study material to be provided during the training.

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ACCOMMODATION:
Limited Guest house/hostel accommodation within the campus is available (on payment basis) for outstation participants on request. Institute canteen facilities are available at reasonable rates. The Guest house/hostel charges for trainees are as given below:

- ₹ 300/- per person per day for Indian Nationals;
- ₹ 1,000/- per person per day for participants from SAARC countries;
- ₹ 1,500/- per person per day for participants from other countries.

ABOUT CRRI:
The Central Road Research Institute (CRRI), New Delhi is located on Delhi-Mathura Road after Sukhdev Vihar Depot and before Apollo Hospital.

The Central Road Research Institute, New Delhi, established in 1952 as a constituent laboratory of CSIR, is engaged in research and development work on roads, bridges and transportation engineering and related areas. The Institute provides technical support to large number of users organisations in the country.

One of the priority areas of the activities of CRRI has been to disseminate R&D results and innovations to the in-service engineers and other professionals in the field of highway engineering through a number of customised & regular training programmes. Over the years, more than 25,000 engineers have availed the training facilities. Presently, CRRI is conducting 10 regular training programmes of varying duration to suit the requirements of different levels of engineers. Participants to these training programmes are drawn from MoRTH, PWD, CPWD, BRO, Public Sector Undertakings, Town Planning, Traffic Engineering Agencies, Commercial Units, Traffic Police Department, Private Consultants and Individuals.
SPECIAL PROGRAMME:

Besides regular training programme, customized training programmes are also being organised on request to cater the needs of user organizations.

FOR MORE INFORMATION CONTACT:

Course Organizer:

Dr. Neelam J Gupta
Dr. Neelam Jain Gupta
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Head, Information, Liaison & Training Division
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Email : headilt.crrri@gmail.com; headilt.crrri@nic.in

Website : http://www.crridom.gov.in/training-events

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