



कार्यालय प्रमुख अभियन्ता एवं विभागाध्यक्ष
(प्रशिक्षण प्रकोष्ठ वर्ग)
लोक निर्माण विभाग उत्तराखण्ड, देहरादून।



Office of Engineer in Chief, PWD, Dehradun Uttarakhand

Website- www.pwd.uk.gov.in

Email- eicpwduk@nic.in

पत्रांक- 656/15 प्रशिक्षण/20

दिनांक- 11/11/2020

“कार्यालय-ज्ञाप”

डॉ० नीलम जे गुप्ता, प्रमुख सूचना सम्पर्क और प्रशिक्षण, सीएसआईआर-केन्द्रीय सड़क अनुसंधान संस्थान, दिल्ली-मथुरा रोड, नई दिल्ली के पत्र दिनांक-08.10.2020 द्वारा प्रेषित विभिन्न विषयों पर आधारित On-Line प्रशिक्षण कार्यक्रम में प्रतिभाग करने हेतु उत्तराखण्ड लोक निर्माण विभाग के अभियन्ताओं को संलग्न सूची में उनके नाम के सम्मुख अंकित विषय/तिथियों के अनुसार एतद्वारा नामित किया जाता है।

क्र० सं०	प्रशिक्षण का विषय	प्रशिक्षण की अवधि	नमित अभियन्ता का नाम/पदनाम	कार्यालय का नाम	मोबाईल नं०	ई-मेल आईडी
2	Planning for Sustainable Transportation System	25-27 नवम्बर, 2020	इ० वी०सी० पन्त अधिकासी अभियन्ता	पी०आई०यू० दुलीगाड, टनकपुर	9412102896	piuthuligarh@rediffmail.com
			इ० अमित कुमार पटेल सहायक अभियन्ता	अ०ख० गौचर	9536854007	amit.patel280@gmail.com
3	Pavement Evaluation Techniques and their applications for Maintenance and Rehabilitation	09-11 दिसम्बर, 2020	इ० निर्मय सिंह अधिकासी अभियन्ता	नि०ख० दुगड्डा	9410104782	eeepwddugadda@rediffmail.com
			इ० दीप चन्द्र पाण्डेय सहायक अभियन्ता	प्रा०ख० अल्मोड़ा	8979774494	dcpandey2013@gmail.com
6	Geotechnical and Landslide Investigations for Highway Projects	03-05 फरवरी, 2021	इ० संजय कुमार पाण्डेय अधिकासी अभियन्ता	नि०ख० कपकोट	9719471059	eeepwdkapkot@rediffmail.com
			इ० गोविन्द सिंह कौन्डल सहायक अभियन्ता	नि०ख० पौड़ी	7060739893	gskondal78@gmail.com
7	Geo-Spatial Technology (GIS, GPS, RS etc) for Roads and Transportation	10-12 फरवरी, 2021	इ० चन्दन सिंह नेगी अधिकासी अभियन्ता	नि०ख० लक्सर	9756456594	eeepwdlaksar@gmail.com
			इ० अजीत सिंह सहायक अभियन्ता	प्रा०ख० लैसडोन	8650699675	kalraajeet12@gmail.com
8	Design of Bridge Structure and Foundation	24-26 फरवरी, 2021	इ० सुनील रावत सहायक अभियन्ता	प्रा०ख० उत्तरकाशी	6397916196	sunil.rawat620@gmail.com
			इ० अनीता भट्ट सहायक अभियन्ता	डिजाईन सेल, लो०नि०वि०, देहरादून	7753920941	bhattaaina2@gmail.com

(अशोक कुमार)

मुख्य अभियन्ता (अधिष्ठान)

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

- 1- प्रमुख अभियन्ता एवं विभागाध्यक्ष, उत्तराखण्ड लो०नि०वि०, देहरादून महोदय के संज्ञानार्थ।
- 2- वित्त नियंत्रक, कार्यालय प्रमुख अभियन्ता एवं विभागाध्यक्ष, उत्तराखण्ड लो०नि०वि०, देहरादून को इस आशय से प्रेषित कि सीएसआईआर, नई दिल्ली द्वारा प्रति प्रतिभागी हेतु प्रशिक्षण शुल्क रु०-5000+18 प्रतिशत जी०एस०टी०=रु० 5,900.00 निर्धारित किया गया है। अतः अधिकासी अभियन्ता, नि०ख०, लो०नि०वि०, देहरादून को उपरोक्तानुसार आयोजित प्रशिक्षण कार्यक्रम में प्रतिभाग करने वाले 10 प्रतिभागियों हेतु कुल रु०-5900×10=59,000.00 (रुपये उनसठ हजार मात्र) का धनार्वदन करने का कष्ट करें।
- 3- डॉ० नीलम जे गुप्ता, प्रमुख सूचना सम्पर्क और प्रशिक्षण, सीएसआईआर-केन्द्रीय सड़क अनुसंधान संस्थान, दिल्ली-मथुरा रोड, नई दिल्ली-110025 (भारत) E-mail-headilt.crii@nic.in
- 4- अधिकासी अभियन्ता, नि०ख०, लो०नि०वि०, देहरादून को प्रशिक्षण विवरणिका (Training Brochure) की प्रति संलग्न कर इस आशय से प्रेषित कि प्रशिक्षण शुल्क कुल रु०-59,000.00 (रुपये उनसठ हजार मात्र) सीएसआईआर, नई दिल्ली को उनके द्वारा दिये गये बैंक खाते में प्रशिक्षण की तिथि दि०-25 नवम्बर, 2020 से पूर्व On-Line जमा करते हुए जमा रसीद की प्रति इस कार्यालय को उपलब्ध कराने का कष्ट करें।
संलग्न-यथोपरि।
- 5- इ०अधिकासी अभियन्ता.....लो०नि०वि०.....।
- 6- इ०.....सहायक अभियन्ता.....लो०नि०वि०.....।
- 7- अधिकासी अभियन्ता, आई०टी०, विभागाध्यक्ष कार्यालय, लो०नि०वि०, देहरादून को उपरोक्त को ई-मेल करने हेतु प्रेषित।

मुख्य अभियन्ता (अधिष्ठान)

10/8/2020

Gmail - Fwd: Nominations for CSIR-CRRI Online Training Programme for the year 2020-21

85

EinC EinC <cepwdia@gmail.com>



Fwd: Nominations for CSIR-CRRI Online Training Programme for the year 2020-21

message

Thu, Oct 8, 2020 at 11:17 AM

Dr. Neelam J Gupta <headitl.crri@nic.in>
 To: cepwdia@gmail.com, deepaknegi.civil@gmail.com

प्रिय महोदय / महोदया,
 Dear Sir / Madam,

सीएसआईआर-केंद्रीय सड़क अनुसंधान संस्थान, नीचे दिए गए विवरण के अनुसार राजमार्ग और परिवहन सेवा में इंजीनियरों, योजनाकारों, हितधारकों व छात्रों के लिए निम्नलिखित विषयों पर ऑनलाइन प्रशिक्षण कार्यक्रम आयोजित कर रहा है:

CSIR- Central Road Research Institute is organizing **online training programmes** on various aspects of Road Research for the highway and transportation engineers, planners, stakeholders and students as per the details given below:

S.No.	Title of the online Course	Duration	Course Fee (Per Participant)
1.	Quality Assurance, Health Assessment and Rehabilitation of Bridges	October 28-30, 2020	5,000 + 18% GST for Indian participant 75 USD + 18% GST for SAARC Countries 100USD + 18% GST for other Countries
2.	Planning for Sustainable Transportation System	November 25-27, 2020	5,000 + 18% GST for Indian participant 75 USD + 18% GST for SAARC Countries 100USD + 18% GST for other Countries
3.	Pavement Evaluation Techniques and their applications for Maintenance and Rehabilitation	December 09-11, 2020	5,000 + 18% GST for Indian participant 75 USD + 18% GST for SAARC Countries 100USD + 18% GST for other Countries
4.	Design, Construction and Quality Control in Flexible Pavements	January 06-08, 2021	5,000 + 18% GST for Indian participant 75 USD + 18% GST for SAARC Countries 100USD + 18% GST for other Countries
5.	Design, Construction, Quality Control and Maintenance of Rigid Pavements	January 27-29, 2021	5,000 + 18% GST for Indian participant 75 USD + 18% GST for SAARC Countries 100USD + 18% GST for other Countries
6.	Geotechnical and Landslide Investigations for Highway Projects	February 03-05, 2021	5,000 + 18% GST for Indian participant 75 USD + 18% GST for SAARC Countries 100USD + 18% GST for other Countries
7.	Geo-Spatial Technology (GIS, GPS, RS etc) for Roads and Transportation	February 10-12, 2021	5,000 + 18% GST for Indian participant 75 USD + 18% GST for SAARC Countries 100USD + 18% GST for other Countries
8.	Design of Bridge Structure and Foundation	February 24-26, 2021	5,000 + 18% GST for Indian participant 75 USD + 18% GST for SAARC Countries 100USD + 18% GST for other Countries

उपरोक्त प्रशिक्षण कार्यक्रम पर विस्तृत जानकारी अर्थात् विस्तृत पाठ्यक्रम सामग्री, अवधि, पाठ्यक्रम शुल्क आदि देने वाले प्रशिक्षण विवरणिका (Training Brochure) की एक प्रति संलग्न है। आपसे अनुरोध है कि इन कार्यक्रमों में भाग लेने के लिए अपने संगठन से उपयुक्त 4-5 अधिकारियों को नामित (nominate) करें। नामांकन पाठ्यक्रम शुल्क के साथ जल्द से जल्द भेजा जा सकता है।

A copy of the training brochure giving detailed information i.e. broad course content, duration, course fee etc. on the above training programmes is attached herewith. You are requested to nominate suitable 4-5 officers from your organization to attend these programmes. The nomination may be sent at the earliest along with the course fee.

Nomination Proforma की एक प्रति भी आपके लिए संलग्न है या आप अधिक जानकारी के लिए हमारी वेबसाइट <https://www.crridom.gov.in/trainings> पर जा सकते हैं।

Nomination Proforma is also attached for your ready reference or you may visit our website <https://www.crridom.gov.in/trainings> for further details.

Thanks & Regards,

With regards,

डॉ. नीलम जे गुप्ता

Dr. Neelam J Gupta

शुल्क, सूचना संपर्क और प्रशिक्षण

Head, Information Liaison and Training

सीएसआईआर-केंद्रीय सड़क अनुसंधान संस्थान

CSIR - Central Road Research Institute

दिल्ली-मथुरा रोड, नई दिल्ली-110025 (भारत)

Delhi - Mathura Road, New Delhi - 110025 (India)

Phone no. 011-26021030 Mobile No. 9868626881

सिद्धांत रावत
 H.A.
 8/10/20

656
 2020

10/8/2020

Gmail - Fwd: Nominations for CSIR-CRRI Online Training Programme for the year 2020-21



9 attachments

-  1 Online training - BES- Quality assurance and rehabilitation, 28-30 October, 2020.pdf
2099K
-  2 Online Training - TPE - Sustainable Transportation System, 25-27 November, 2020.pdf
2093K
-  3 Online Training - PED-Pavement evaluation techniques, 09-11 December, 2020.pdf
2166K
-  4 Online Training - FP design construction and quality control in flexible pavements, 6-8 January, 2021.pdf
2090K
-  5 Online training - RP-Design , construction and quality control in Rigid pavements, 27-29 January, 2021.pdf
2097K
-  6 Online Training - TES - Geospatial Technology for Roads and Transportation, 10-12 February, 2021.pdf
2114K
-  7 Online Training - GE- Geotechnical and Landslide Investigation, 3-5 February, 2021.pdf
2323K
-  8 Online training - BES- Design of Bridge Structure and Foundation, 24-26, February, 2021.pdf
2098K
-  NOMINATION PROFORMA 2020-21.pdf
427K



CSIR-Central Road Research Institute, New Delhi, India



NOMINATION PROFORMA

DATE:.....

TITLE OF TRAINING PROGRAMME:

DURATION:

PERSONAL DETAILS:

NAME OF THE CANDIDATE:

DESIGNATION:

COMPLETE POSTAL ADDRESS:

.....

CONTACT NO. : EMAIL ID:

AADHAR NO.:

GENDER:

☐

MALE

☐

FEMALE

DETAILS OF ORGANISATION (IF SPONSORED):

NAME:

COMPLETE OFFICE POSTAL ADDRESS:

.....

GST NO. (IF SPONSORED):

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

EMAIL ID. :

DETAILS OF PAYMENT (COURSE FEE) BY INDIVIDUAL/SPONSORING ORGANISATION:

1. TRANSACTION REF. NO.:
2. DATE OF TRANSACTION:
3. AMOUNT OF COURSE FEE:

SIGNATURE OF CANDIDATE

SIGNATURE & SEAL OF SPONSORING AUTHORITY
(IF SPONSORED)



CSIR
CSIR

An ISO 9001:2008 Institution

**Call for Registration
and Participation**



PLANNING FOR SUSTAINABLE TRANSPORTATION SYSTEM

Online Training
25-27 November, 2020



Organised by:



CSIR
CSIR

सीएसआईआर-केंद्रीय सड़क अनुसंधान संस्थान
CSIR-CENTRAL ROAD RESEARCH INSTITUTE
(वैज्ञानिक और औद्योगिक अनुसंधान परिषद)
(Council of Scientific and Industrial Research)
दिल्ली - मथुरा रोड, नई दिल्ली - 110025, भारत
DELHI - MATHURA ROAD, NEW DELHI - 110025, INDIA



PLANNING FOR SUSTAINABLE TRANSPORTATION SYSTEM

OBJECTIVES:

The course is designed to impart specialized training in the field of sustainable public transportation and non-motorized transportation systems. Sustainable development is a holistic practice that includes efforts to mitigate negative effects on every part of the road infrastructure and transportation system which are generally ignored in traditional transportation system planning. Sustainable transportation system must consider the interconnected issues under social, economy and environment areas. The need to plan for sustainable transport is evident since global warming possesses significant challenges for cities. The training also will be focused on the guidelines to develop sustainable integrated transportation system for the cities that are going to be an immense help to manage the future problems in these cities related to travel demands, congestion, accidents etc.

Details

Duration : 3 days
Start : November 25, 2020
End : November 27, 2020
Timing : 10.00AM - 01.00PM

Course Fee :
₹5,000 + 18% GST for Indian participant
75 USD + 18% GST for SAARC Countries
100USD + 18% GST for other Countries

ONLINE FORMAT:

The lectures will be taught over a three day period with live on-line forenoon sessions. Upon the completion of the training program, participants will be awarded a participation certificate verifying their successful completion of the course. Learning material will also be provided after the live event.

COURSE CONTENTS:

This training on Planning for Sustainable Transportation System will include:

- ✓ Quality enhancement of public transport system
- ✓ Feeder transport system and parking facilities at public transport terminals
- ✓ Advanced public transport information systems using ITS technologies
- ✓ Sustainable Non-Motorised Transport (NMT) system
- ✓ Policy level sustainable strategies to restrict/ control usage of private vehicles
- ✓ Sustainable integrated mass transportation system
- ✓ Evaluation of sustainable transportation system (environment, social and economy)

TARGET AUDIENCE:

- ✓ Transport Planners/ Engineers from Urban Development Authorities and Local Bodies
- ✓ Highway/ Traffic Engineers from Central / State PWD's
- ✓ Engineers/ Planners in Transport Corporations/ Public Transport Operators like Metro, Bus etc.
- ✓ Policy Makers and Engineers from Transport Departments/ Ministries
- ✓ Officials from Public & Private Undertakings connected with road construction sector
- ✓ R&D Personnel, faculty from Engineering College/ Universities/ NITs/ IITs/ Consultant/ Supervisory Agencies
- ✓ Engineers of Municipal Corporations and Town Planning Organisations
- ✓ Officers of enforcement agencies like Police, Environmentalists etc.
- ✓ Students from engineering colleges and institutes
- ✓ Contractors

HOW TO APPLY:

Weblink : <https://www.crridom.gov.in/training-events>

Nomination : Fill the Nomination Proforma with payment details and send through mail.

SYSTEM REQUIREMENTS FOR ONLINE TRAINING LIVE EVENT:

- Supported Operating Systems** : Windows 7 and later (32-bit and 64-bit),
Macros X 10.10 and later
- Supported mobile operating systems** : Android 4.4 and later, iOS 10 and later
- Supported web browsers** : Chrome (last 3 versions), Edge RS2 and later,
Firefox (last 3 versions), Internet Explorer 11, Safari

COURSE FEE:

The training fee for online training is ₹ 5,000/- + 18% GST for Indian participant,
75 USD + 18% GST for SAARC Countries and 100USD + 18% GST for other Countries.
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 after the completion of online training.

Name of the Bank : State Bank of India	
Branch Address : Central Road Research Institute, P.O. CRRI, Mathura Road, New Delhi	
Account Number : 30268867237	CRRI TAN No : DELC00127B
Bank IFSC Code : SBI N0010442	SWIFT CODE : SBININBBP28
GST No. (CSIR) : 07AAATC2716R1ZH	

ABOUT CRRI:

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 customized & regular training programmes. Over the years, more than 27,000 engineers have availed the training facilities. In the current COVID 19 pandemic condition, CRRI is organising online and few regular training programmes of varying duration to suit the requirements of different levels of engineers. Targeted participants to these training programmes will be 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 online regular training programmes, online customized training programmes are also being organized on request to cater the needs of user organizations.

FOR MORE INFORMATION CONTACT:

Course Organizer:

Dr. Neelam J Gupta

Senior Principal Scientist and Head
Information, Liaison & Training Division
CSIR - Central Road Research Institute
Delhi - Mathura Road, P.O. - CRRI
New Delhi - 110025

Telephone : 011 + 26921939 (O), 9868676881 (M)
EPABX : 011 + 26832173, 26832427, 26832325
: Ext. 514

Email : headilt.crri@gmail.com; headilt.crri@nic.in;

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

Course Coordinator:

Dr. Errampalli Madhu

Senior Principal Scientist
Transportation Planning and
Environment Division
CRRI, New Delhi - 110025
Ph. No. 011-26310339, 26312268 (Off)
+91-9958080643 (Mobile)
Email : errampalli.madhu@gmail.com,
madhu.crri@nic.in





**Call for Registration
and Participation**



**PAVEMENT EVALUATION TECHNIQUES AND
THEIR APPLICATIONS FOR MAINTENANCE
AND REHABILITATION**

**Online Training
09-11 December, 2020**



Organised by:



सीएसआईआर-केंद्रीय सड़क अनुसंधान संस्थान
CSIR-CENTRAL ROAD RESEARCH INSTITUTE
(वैज्ञानिक और औद्योगिक अनुसंधान परिषद)
(Council of Scientific and Industrial Research)
दिल्ली - मथुरा रोड, नई दिल्ली - 110025, भारत
DELHI - MATHURA ROAD, NEW DELHI - 110025, INDIA



Pavement Evaluation Techniques and Their Applications for Maintenance and Rehabilitation

OBJECTIVES:

The major objective of the course is to impart training to the field engineers on importance and relevance of pavement evaluation techniques (both functional and structural) needed to be applied for Maintenance & Rehabilitation (M&R) aspects of both flexible and rigid pavement.

ONLINE FORMAT:

The lectures will be taught over a three day period with live on-line forenoon sessions. Upon the completion of the training program, participants will be awarded a participation certificate verifying their successful completion of the course. Learning material will also be provided after the live event.

COURSE CONTENTS:

The programme covers introduction to Pavement Maintenance Management System, Structural and Functional Evaluation Techniques, Pavement Surface Distress and introduction to HDM-4 tools. The major topics covered are:

- ✓ Functional Evaluation of Pavements
- ✓ Structural Evaluation of Pavements
(Benkelman Beam and Falling Weight Deflectometer)
- ✓ Pavement Surface Distress on Flexible and Rigid Pavements
- ✓ Maintenance of Flexible and Rigid Pavements
- ✓ Demonstration of State-of Art Techniques for Functional and Structural Evaluation of Pavements
- ✓ Axle Load Studies (Weight-In-Motion etc.)
- ✓ Introduction to Road Information System
- ✓ Introduction to Road Maintenance Management System
- ✓ Road Asset Inventory and Pavement Condition Survey Using Network Survey Vehicle /Automated Road Survey System
- ✓ An Introduction to HDM-4 Software

Details

Duration : 3 days
Start : December 09, 2020
End : December 11, 2020
Timing : 10.00AM - 1.00PM

Course Fee :
₹5,000 + 18% GST for Indian participant
75 USD + 18% GST for SAARC Countries
100USD + 18% GST for other Countries

TARGET AUDIENCE:

- ✓ Highway Engineers from Central / State PWD's
- ✓ Public & Private Undertakings connected with road construction sector
- ✓ R&D Personnel, faculty from engineering college/Universities/IIT's/Consultant/Supervisory agencies
- ✓ Engineers of Municipal Corporations and Town Planning Organisations
- ✓ Engineers from Border Roads Organization
- ✓ Engineers from air force connected with maintenance of runways
- ✓ Highway engineers from Military Engineering Services
- ✓ Students from engineering colleges and institutes
- ✓ Equipment manufacturers
- ✓ Contractors

HOW TO APPLY:

Weblink : <https://www.crridom.gov.in/training-events>

Nomination : Fill the Nomination Proforma with payment details and send through mail.

SYSTEM REQUIREMENTS FOR ONLINE TRAINING LIVE EVENT:

Supported Operating Systems : Windows 7 and later (32-bit and 64-bit),
Macros X 10.10 and later

Supported mobile operating systems : Android 4.4 and later, iOS 10 and later

Supported web browsers : Chrome (last 3 versions), Edge RS2 and later,
Firefox (last 3 versions), Internet Explorer 11, Safari

COURSE FEE:

The training fee for online training is **₹5,000/- + 18% GST for Indian participant, 75 USD + 18% GST for SAARC Countries and 100USD + 18% GST for other Countries.**

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 after the completion of online training.

Name of the Bank : State Bank of India	
Branch Address : Central Road Research Institute, P.O. CRRI, Mathura Road, New Delhi	
Account Number : 30268867237	CRRI TAN No : DELC00127B
Bank IFSC Code : SBI N0010442	SWIFT CODE : SBININBBP28
GST No. (CSIR) : 07AAATC2716R1ZH	

ABOUT CRRI:

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 customized & regular training programmes. Over the years, more than 27,000 engineers have availed the training facilities. In the current COVID 19 pandemic condition, CRRI is organizing online and few regular training programmes of varying duration to suit the requirements of different levels of engineers. Targeted participants to these training programmes will be 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 online regular training programmes, online customized training programmes are also being organized on request to cater the needs of user organizations.

FOR MORE INFORMATION CONTACT:**Course Organizer:****Dr. Neelam J Gupta**

Senior Principal Scientist and Head
Information, Liaison & Training Division
CSIR - Central Road Research Institute
Delhi - Mathura Road, P.O. - CRRI
New Delhi - 110025
Telephone: 011 + 26921939 (O), 9868676881 (M)
EPABX : 011 + 26832173, 26832427, 26832325
: Ext. 514

Email : headilt.crri@gmail.com; headilt.crri@nic.in;

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

Course Coordinator:**Dr. Pradeep Kumar**

Senior Principal Scientist
Pavement Evaluation Division
CRRI, New Delhi - 110025
Ph. No.: 09868129707 (M)
Email: pkumar.crri@nic.in,
pkumarin@yahoo.com





CSIR
CSIR

An ISO 9001:2008 Institution

**Call for Registration
and Participation**



GEOTECHNICAL AND LANDSLIDE INVESTIGATIONS FOR HIGHWAY PROJECTS

Online Training
03-05 February 2021



Organised by:



CSIR
CSIR

सीएसआईआर-केंद्रीय सड़क अनुसंधान संस्थान
CSIR-CENTRAL ROAD RESEARCH INSTITUTE

(वैज्ञानिक और औद्योगिक अनुसंधान परिषद)

(Council of Scientific and Industrial Research)

दिल्ली - मथुरा रोड, नई दिल्ली - 110025, भारत

DELHI - MATHURA ROAD, NEW DELHI - 110025, INDIA



GEOTECHNICAL AND LANDSLIDE INVESTIGATIONS FOR HIGHWAY PROJECTS

OBJECTIVES:

Training course will cover the aspects of detailed Geotechnical / geological investigations required for a road project especially when

- 1) High embankments/ structures are to be constructed
- (b) When road alignment is in areas having soft sub-soil
- (c) Constructing roads in hilly areas facing landslides and other slope instability problems
- (d) Soil stabilization/ use of locally available material is proposed

Details

Duration : 3 days
Start : February 03, 2021
End : February 05, 2021
Timing : 10.00AM - 1.00PM

Course Fee :
₹5,000 + 18% GST for Indian participant
75 USD + 18% GST for SAARC Countries
100USD + 18% GST for other Countries

ONLINE FORMAT:

The lectures will be taught over a three day period with live on-line forenoon sessions. Upon the completion of the training program, participants will be awarded a participation certificate verifying their successful completion of the course. Learning material will also be provided after the live event.

COURSE CONTENTS:

The course will cover basic geotechnical properties of soil, field as well as laboratory investigations use of locally available soil and stabilization etc. Course will also cover the slope stability problems in hill roads, case histories and mitigation measures. Details of the training on Geotechnical and landslide investigation for highway projects are given below:

- ✓ Landslide basics- Nomenclature, landslide types, causes and do's & don't etc.
Strength characteristics of soils
- ✓ Subsoil Investigations - Planning sub-soil exploration, Boring in soil, Rock drilling, field tests - SPT, SCPT, Vane shear, Geophysical tests, SBC estimation and Engineering Properties of Soil
- ✓ Investigations for locally available soils and soil stabilization - Locally available / marginal materials, tests marginal materials, laboratory investigations for designing soil stabilization mixes
- ✓ Geological investigations for landslides and Landslide Hazard Zonation Mapping- will includes the LHZ technique and case history
- ✓ Field and Laboratory investigations for borrow area/ fill material - Borrow pit investigations, fill material specifications and testing for flexible and rigid pavement construction, field quality control tests for embankments / sub-grade
- ✓ Stability analysis using software - Demonstration of software such as Geo 5, PLAXIS
- ✓ Failure investigation case studies for embankments and RE Wall
- ✓ Geotechnical investigations required for landslides / rockfalls - Case studies

- ✓ Investigations of Rock Slopes and Mitigation Measures
- ✓ Application of Geo-Synthetic Material in Highway Projects
- ✓ Use of Instrumentation in Geotechnical Engineering Projects

TARGET AUDIENCE:

- ✓ Highway Engineers from Central / State PWD's
- ✓ Public & Private Undertakings connected with road construction sector
- ✓ R&D Personnel, faculty from engineering college/Universities/IIT's/Consultant/Supervisory agencies
- ✓ Engineers of Municipal Corporations and Town Planning Organisations
- ✓ Engineers from Border Roads Organization
- ✓ Highway engineers from Military Engineering Services
- ✓ Students from engineering colleges and institutes
- ✓ Equipment manufacturers
- ✓ Contractors

HOW TO APPLY:

Weblink : <https://www.crridom.gov.in/training-events>

Nomination : Fill the Nomination Proforma with payment details and send through mail.

SYSTEM REQUIREMENTS FOR ONLINE TRAINING LIVE EVENT:

- Supported Operating Systems** : Windows 7 and later (32-bit and 64-bit),
Macros X 10.10 and later
- Supported mobile operating systems** : Android 4.4 and later, iOS 10 and later
- Supported web browsers** : Chrome (last 3 versions), Edge RS2 and later,
Firefox (last 3 versions), Internet Explorer 11, Safari

COURSE FEE:

The training fee for online training is ₹ 5,000/- + 18% GST for Indian participant, **75 USD + 18% GST for SAARC Countries and 100USD + 18% GST for other Countries.** 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 after the completion of online training.

Name of the Bank : State Bank of India	
Branch Address : Central Road Research Institute, P.O. CRRI, Mathura Road, New Delhi	
Account Number : 30268867237	CRRITAN No : DELC00127B
Bank IFSC Code : SBI N0010442	SWIFT CODE : SBININBBP28
GST No. (CSIR) : 07AAATC2716R1ZH	

ABOUT CRRI:

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 customized & regular training programmes. Over the years, more than 27,000 engineers have availed the training facilities. In the current COVID 19 pandemic condition, CRRI is organising online and few regular training programmes of varying duration to suit the requirements of different levels of engineers. Targeted participants to these training programmes will be 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 online regular training programmes, online customized training programmes are also being organized on request to cater the needs of user organizations.

FOR MORE INFORMATION CONTACT:

Course Organizer:

Dr. Neelam J Gupta

Senior Principal Scientist and Head
Information, Liaison & Training Division
CSIR - Central Road Research Institute
Delhi - Mathura Road, P.O. - CRRI
New Delhi - 110025
Telephone : 011 + 26921939 (O), 9868676881 (M)
EPABX : 011 + 26832173, 26832427, 26832325
: Ext. 514

Email : headilt.crri@gmail.com; headilt.crri@nic.in;

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

Course Coordinator:

Dr. Pankaj Gupta

Senior Principal Scientist & Head
Geotechnical Engineering Division
CRRI, New Delhi
Tele: 9868204131(M) Ext. 500
E-mail: panx22@gmail.com



CSIR
CRRI

An ISO 9001:2008 Institution



**Call for Registration
and Participation**



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

**Online Training
10-12 February, 2021**



Organised by:



सीएसआईआर-केंद्रीय सड़क अनुसंधान संस्थान
CSIR-CENTRAL ROAD RESEARCH INSTITUTE
(वैज्ञानिक और औद्योगिक अनुसंधान परिषद)
(Council of Scientific and Industrial Research)
दिल्ली - मथुरा रोड, नई दिल्ली - 110025, भारत
DELHI - MATHURA ROAD, NEW DELHI - 110025, INDIA



Geo-Spatial Technology (GIS, GPS, RS Etc). for Roads and Transportation

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

ONLINE FORMAT:

The lectures will be taught over a three day period with live on-line forenoon sessions. Upon the completion of the training program, participants will be awarded a participation certificate verifying their successful completion of the course. Learning material will also be provided after the live event.

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

Details

Duration : 3 days
Start : February 10, 2021
End : February 12, 2021
Timing : 10.00AM – 1.00PM

Course Fee :
₹5,000 + 18% GST for Indian participant
75 USD + 18% GST for SAARC Countries
100USD + 18% GST for other Countries

TARGET AUDIENCE:

- ✓ Highway Engineers from Central / State PWD's
- ✓ Public & Private Undertakings connected with road construction sector
- ✓ R&D Personnel, faculty from engineering college/Universities/IIT's/Consultant/Supervisory agencies
- ✓ Engineers of Municipal Corporations and Town Planning Organisations
- ✓ Officers of enforcement agencies like Police, Environmentalists
- ✓ Engineers from Border Roads Organization
- ✓ Engineers from air force connected with maintenance of runways
- ✓ Highway engineers from Military Engineering Services
- ✓ Students from engineering colleges and institutes
- ✓ Equipment manufacturers
- ✓ Contractors

HOW TO APPLY:

Weblink : <https://www.crridom.gov.in/training-events>

Nomination : Fill the Nomination Proforma with payment details and send through mail.

SYSTEM REQUIREMENTS FOR ONLINE TRAINING LIVE EVENT:

Supported Operating Systems : Windows 7 and later (32-bit and 64-bit),
Macros X 10.10 and later

Supported mobile operating systems : Android 4.4 and later, iOS 10 and later

Supported web browsers : Chrome (last 3 versions), Edge RS2 and later,
Firefox (last 3 versions), Internet Explorer 11, Safari

COURSE FEE:

The training fee for online training is ₹ 5,000/- + 18% GST for Indian participant, 75 USD + 18% GST for SAARC Countries and 100USD + 18% GST for other Countries. 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 after the completion of online training.

Name of the Bank : State Bank of India	
Branch Address : Central Road Research Institute, P.O. CRRI, Mathura Road, New Delhi	
Account Number : 30268867237	CRRITAN No : DELC00127B
Bank IFSC Code : SBI N0010442	SWIFT CODE : SBININBBP28
GST No. (CSIR) : 07AAATC2716R1ZH	

ABOUT CRRI:

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 customized & regular training programmes. Over the years, more than 27,000 engineers have availed the training facilities. In the current COVID 19 pandemic condition, CRRI is organising online and few regular training programmes of varying duration to suit the requirements of different levels of engineers. Targeted participants to these training programmes will be 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 online regular training programmes, online customized training programmes are also being organized on request to cater the needs of user organizations.

FOR MORE INFORMATION CONTACT:

Course Organizer:

Dr. Neelam J Gupta

Senior Principal Scientist and Head
Information, Liaison & Training Division
CSIR - Central Road Research Institute
Delhi - Mathura Road, P.O. - CRRI
New Delhi - 110025

Telephone : 011 + 26921939 (O), 9868676881 (M)
EPABX : 011 + 26832173, 26832427, 26832325
: Ext. 514

Email : headilt.crri@gmail.com; headilt.crri@nic.in;

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

Course Coordinator:

Dr. A. Mohan Rao

Senior Principal Scientist and Head
Traffic Engineering and Safety Division
Ph. No.: 011-26312268 (O), 9873106567 (M)
Email: amrao.crri@nic.in

amrao_crri@yahoo.co.in





**Call for Registration
and Participation**



DESIGN OF BRIDGE STRUCTURE AND FOUNDATION

**Online Training
24-26 February, 2021**



Organised by:



सीएसआईआर-केंद्रीय सड़क अनुसंधान संस्थान
CSIR-CENTRAL ROAD RESEARCH INSTITUTE
(वैज्ञानिक और औद्योगिक अनुसंधान परिषद)
(Council of Scientific and Industrial Research)
दिल्ली - मथुरा रोड, नई दिल्ली - 110025, भारत
DELHI - MATHURA ROAD, NEW DELHI - 110025, INDIA



Design of Bridge Structure and Foundation

OBJECTIVES:

During the past two decades, tremendous advancement in the field of Bridge Engineering has taken place. This has led to the development of new structural forms, new materials and computer aided analysis and design of bridges. After the introduction of LIMIT STATE DESIGN there have been improvements in design codes IRC: 5, IRC: 6 and IRC: 112, IRC: 78, IRC: 83, IRC-22, IRC 24 and so on. This course is designed to impart training on recent developments in planning, analysis and design of durable and economical road bridges.

Details

Duration : 3 days
Start : February 24, 2021
End : February 26, 2021
Timing : 10.00AM – 1.00PM

Course Fee :
₹5,000 + 18% GST for Indian participant
75 USD + 18% GST for SAARC Countries
100USD + 18% GST for other Countries

ONLINE FORMAT:

The lectures will be taught over a three day period with live on-line forenoon sessions. Upon the completion of the training program, participants will be awarded a participation certificate verifying their successful completion of the course. Learning material will also be provided after the live event.

COURSE CONTENTS:

- ✓ This training on Design of Bridge Structure and Foundation will include:
- ✓ Planning and project report preparation
- ✓ Basis of design
- ✓ Material properties and their design values
- ✓ Loads and load combinations
- ✓ Analysis of bridges
- ✓ Limit states for design of bridge superstructure, substructure and foundation
- ✓ Detailing requirements including ductile detailing
- ✓ Bridge Design Example

TARGET AUDIENCE:

- ✓ Highway Engineers from Central / State PWD's
- ✓ Public & Private Undertakings connected with road construction sector
- ✓ R&D Personnel, faculty from engineering college/Universities/IIT's/Consultant/Supervisory agencies
- ✓ Engineers of Municipal Corporations and Town Planning Organisations
- ✓ Engineers from Border Roads Organization
- ✓ Highway engineers from Military Engineering Services
- ✓ Students from engineering colleges and institutes
- ✓ Equipment manufacturers
- ✓ Contractors

HOW TO APPLY:

Weblink : <https://www.crridom.gov.in/training-events>

Nomination : Fill the Nomination Proforma with payment details and send through mail.

SYSTEM REQUIREMENTS FOR ONLINE TRAINING LIVE EVENT:

- Supported Operating Systems** : Windows 7 and later (32-bit and 64-bit),
Macros X 10.10 and later
- Supported mobile operating systems** : Android 4.4 and later, iOS 10 and later
- Supported web browsers** : Chrome (last 3 versions), Edge RS2 and later,
Firefox (last 3 versions), Internet Explorer 11, Safari

COURSE FEE:

The training fee for online training is ₹ 5,000/- + 18% GST for Indian participant, 75 USD + 18% GST for SAARC Countries and 100USD + 18% GST for other Countries.

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 after the completion of online training.

Name of the Bank : State Bank of India	
Branch Address : Central Road Research Institute, P.O. CRRRI, Mathura Road, New Delhi	
Account Number : 30268867237	CRRRI TAN No : DELC00127B
Bank IFSC Code : SBI N0010442	SWIFT CODE : SBININBBP28
GST No. (CSIR) : 07AAATC2716R1ZH	

ABOUT CRR:

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 CRR 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 customized & regular training programmes. Over the years, more than 27,000 engineers have availed the training facilities. In the current COVID 19 pandemic condition, CRR is organising online and few regular training programmes of varying duration to suit the requirements of different levels of engineers. Targeted participants to these training programmes will be 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 online regular training programmes, online customized training programmes are also being organized on request to cater the needs of user organizations.

FOR MORE INFORMATION CONTACT:

Course Organizer:

Dr. Neelam J Gupta

Senior Principal Scientist and Head
Information, Liaison & Training Division
CSIR - Central Road Research Institute
Delhi - Mathura Road, P.O. - CRR
New Delhi - 110025

Telephone : 011 + 26921939 (O), 9868676881 (M)

EPABX : 011 + 26832173, 26832427, 26832325

: Ext. 514

Email : headilt.crr@gmail.com; headilt.crr@nic.in;

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

Course Coordinator:

Dr. Lakshmy P.

Chief Scientist

Bridge Engineering and Structures Division

Ph. No. : 011-26314424 (O)

09810274002 (M)

Email : lakshmy.crr@nic.in

