DESIGN OF BRIDGE STRUCTURE AND FOUNDATION

Online Training
24-26 February, 2021

Call for Registration and Participation

Organised by:

CSIR-CENTRAL ROAD RESEARCH INSTITUTE
(Council of Scientific and Industrial Research)

DELHI – MATHURA ROAD, NEW DELHI – 110025, INDIA
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.

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

Details

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<tr>
<th>Duration</th>
<th>3 days</th>
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<tr>
<td>Start</td>
<td>February 24, 2021</td>
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<tr>
<td>End</td>
<td>February 26, 2021</td>
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<tr>
<td>Timing</td>
<td>10.00AM – 1.00PM</td>
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<tr>
<td>Course Fee</td>
<td>₹5,000 + 18% GST for Indian participant</td>
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<td>75 USD + 18% GST for SAARC Countries</td>
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<td>100USD + 18% GST for other Countries</td>
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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.

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<tr>
<th>Name of the Bank</th>
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<tbody>
<tr>
<td>Branch Address</td>
<td>Central Road Research Institute, P.O. CRRI, Mathura Road, New Delhi</td>
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<tr>
<td>Account Number</td>
<td>30268867237</td>
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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:
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