



BHARATMALA
ROAD TO PROSPERITY



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Indian Academy of Highway Engineers

(Ministry of Road Transport and Highways, Govt. of India)

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[Signature]
No. IAHE/Trg/28/Calaender Trg.-13/2020-21
14/9/2020

Date: 03.09.2020

OFFICE MEMORANDUM

Subject: Online Training Programme on "Construction, Quality Control and Maintenance of Structures" organized by Indian Academy of Highway Engineers (IAHE) during 28th September - 10th October 2020- Request for Nominations-reg.

Indian Academy of Highway Engineers (IAHE) is organizing Online Training Programme on "Construction, Quality Control and Maintenance of Structures" on Cisco WebEx (website and app) which is being used widely for video conferencing purposes presently. Eminent guest faculty will deliver the lectures on the topics as per attached schedule and share the presentations. Discussions and deliberations will be held online with the faculty on Cisco. Therefore, participants are required to download the Cisco app through Google Play Store or iOS Store or you can go to hyperlink <https://webex.co.in> wherein one can sign up for free of cost account by filling up details as asked therein. The website and app is user friendly and participants can get themselves acquainted with the app before joining the training sessions.

- One day before the lecture, a hyper link to attend the lectures with Meeting ID and Password will be shared by IAHE with the participants on email IDs and WhatsApp number. Participants need to click the hyperlink to join the lectures with Meeting ID and Password as indicated in the email. Please make sure that you are logged in the webpage or app of Cisco. These steps are to be followed every day to attend the scheduled lectures as per schedule.
- All the participants are required to attend the lectures on daily basis on time positively. For any clarification, you may contact Mr. Devender Kumar, Deputy Director, Mob. 9990156519 for assistance required if any.
- In view of the above, MORTH, NHAI, NHIDCL, BRO, State PWDs, Central and State PSUs, are requested to nominate Officers to attend the programme online. Name and Designation along with email ID and WhatsApp number of participants may be submitted. The nominations may please be sent as soon as possible on iahe.training@gmail.com.

Please note: All correspondence should be addressed to the Director by designation only

A-5, Institutional Area, Sector-62, Noida (UP) - 201301 (India)
Tel 0120-2400085-86, 2405006-9, Fax 2400087



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Indian Academy of Highway Engineers

(Ministry of Road Transport and Highways, Govt. of India)



With regards,

Devender Kumar,

Deputy Director & Course coordinator

For Director, Indian Academy of highway Engineers

(IAHE), A-5, Sector-62, Noida-201309

Tel 0120-2405006, Fax 2400087, Mob. 9990156519

कार्यालय प्रमुख अभियन्ता एवं विभागाध्यक्ष

लोक निर्माण विभाग

देहरादून

पृष्ठ सं- 583 /15 प्रशिक्षण- /2020 दिनांक- 15-9-2020

प्रतिलिपि निम्नलिखित को सूचनाएं एवं इस कार्यालय से प्रेषित कि इस On-line प्रशिक्षण हेतु अभियन्ताओं के नाम इनके व्यक्तित्व ई-मेल ID एवं मोबाइल नम्बर सहित दि- 21-09-20 तक इस कार्यालय को उपलब्ध करने का कठोर को,

- ① समस्त क्षेत्रीय तृतीय अभियन्ता, लोक निर्माण,
- ② समस्त अधीक्षण अभियन्ता, लोक निर्माण,
- ③ समस्त अधिकारी अभियन्ता, लोक निर्माण,
- ④ कार्यो अभि, आई. टी. सेल, विभा. कार्यालय, लोक निर्माण, देहरादून को ई-मेल करने हेतु।

[Signature]
अधिसारी अभियन्ता
कार्यालय प्रमुख अभियन्ता एवं विभागाध्यक्ष
लोक निर्माण विभाग, देहरादून

09.30-11.00 + 11.15-12.45	❖ Construction of Sub-Structures <ul style="list-style-type: none"> • Construction of Pile Cap • Construction of Well cap • Construction of Pier and abutment • Construction of Pier and abutment cap • Construction of wing wall, return wall, filter media and floor protection works
06.10.2020	Tuesday
09.30-11.00 + 11.15-12.45	❖ Bearings for Structures: <ul style="list-style-type: none"> • Types of bearings and load transfer mechanism • Fabrication, Testing and Installation of Bearings • Metallic Bearings: Workmanship • Acceptance criteria & testing • Placing and positioning the bearings • Elastomeric Bearings: Fabrication & tolerances • POT-PTFE bearings • Replacement of bearings
07.10.2020	Wednesday
09.30-11.00 + 11.15-12.45	❖ Construction of bridge superstructure <ul style="list-style-type: none"> • Construction of RCC Superstructure • Solid Slabs • RCC T-Beam girder & slab • Voided Slab
08.10.2020	Thursday
09.30-11.00 + 11.15-12.45	❖ Prestressed Concrete Super structures <ul style="list-style-type: none"> • PSC Girder (Cast-in-Situ and Pre cast) and Composite RCC Slab • Box girder • Cantilever Construction
09.10.2020	Friday
09.30-11.00	❖ Construction of other components of structures <ul style="list-style-type: none"> • Wearing Coats & Drainage Spouts • Wearing coats • Drainage Spouts
11.15-12.45	❖ Construction of crash barrier, parapet, railing ❖ Fabrication, Testing and Installation of Expansion Joints

	<ul style="list-style-type: none"> • Fabrication • Testing • Installation
10.10.2020	Saturday
09.30-11.00 + 11.15-12.45	<ul style="list-style-type: none"> ❖ Maintenance of bridges and culverts <ul style="list-style-type: none"> • Distresses in RCC/ PSC components and repair methods • Distresses in bearings and repair/replacement methods • Distresses in expansion joint and repair/replacement methods • Distresses in wearing coat and repair/replacement methods • Distresses in floor protection works/scouring of pier and repair methods • Checklists for maintenance of bridges