



INTENSIVE ONLINE TRAINING COURSE ON IRC CODES OF PRACTICES FOR BRIDGE ENGINEERS

5th September, 2025 - 6th December, 2025

ABOUT THE COURSE

The Indian Roads Congress (IRC) issues and updates codes that form the foundation for highway bridge planning, design and construction across the country. These codes are continuously amended by IRC Code committees from time to time. All the amendments are published in Indian Highways. It is observed that the bridge designers, contractors, proof checkers and clients are finding it difficult to keep pace with the amendments brought in the code, which results in non-compliant and unsafe designs being executed. Recognizing the need for flexible, high-quality learning and familiarization with the latest provisions of codes and standards, CEAI Academy decided to introduce a series of professionally curated, training courses focused on the practical application and interpretation of key IRC bridge codes. The course is planned and conceived by a core team of experts led by Chairman, CEAI Academy, Er Alok Bhowmick.

Designed by experts and accessible on-demand, these training course offer the convenience of self-paced learning while delivering in-depth technical guidance for code compliant design of bridges. All the lectures will be recorded and the participants will have the benefit of attending the lecture as per their own convenience, in case they miss attending any lecture as per the schedule. Handouts will be provided which will be a permanent resource material for the participants.

The course will deal with the latest provisions of the suite of IRC bridge codes dealing with bridges. The training course is divided into 6 distinct modules and will cover the latest versions of the following codes:

- Module 1 : IRC:5, IRC:6 & IRC:SP:114
- Module 2 : IRC 112
- Module 3 : IRC:24, and IRC:22
- Module 4 : IRC:78 (Part-1) & IRC:78 (Part-2)
- Module 5 : IRC:83 (Part-I, II, III IV), IRC: SP: 69 & Isolation Bearings
- Module 6 : IRC 87

REGISTRATION FEES

Module	IRC Codes Covered	Non-Member Fee (Without 18% GST)	Member Fee (Without 18% GST)	Student Fee (Without 18% GST)	International Participant Fee (Without 18% GST)
Module 1	IRC:5, IRC:6, IRC:SP:114	₹16,000	₹13,000	₹8,000	\$250
Module 2	IRC:112	₹14,000	₹11,000	₹7,000	\$200
Module 3	IRC:24, IRC:22	₹13,000	₹10,000	₹6,500	\$175
Module 4	IRC:78 (Part 1 & 2)	₹11,000	₹8,000	₹5,500	\$150
Module 5	IRC:83 (Part I, II, III & IV), IRC:IRC:SP 69, Design of Isolation Bearings for Bridges	₹17,000	₹15,000	₹8,500	\$250
Module 6	IRC:87 - 2018	₹4,000	₹3,000	₹2,000	\$75

DISCOUNT OPTIONS

Group Registrations (Per Participant):

- 5+ participants: 10% discount
- 10+ participants: 15% discount

Participants can avail only one discount at a time.

REGISTER NOW:

<https://forms.gle/gHqhigZzpQkAyKtKA>

SPONSORSHIP OPTION

Benefits	Silver	Gold	Diamond
Free Delegate Passes for Nominated Engineers	2 Nos.	3 Nos.	4 Nos.
Ad Slots in CEAI Quarterly Journal ViewPoint (A single page advertisement will be included)	2 Nos.	3 Nos.	4 Nos.
Sponsorship Fee	₹2 Lakhs + GST	₹3 Lakhs + GST	₹4 Lakhs + GST

CEAI BANK DETAILS

Account Name : Consulting Engineers Association of India

Account No : 028394600000592

Bank Name : YES BANK LTD

Account type : Saving

IFSC CODE : YESB0000283

UPI ID: ceai.ceai@oksbi

PROGRAM SCHEDULE

Module	Code Covered	Number of Lectures	Faculty / Speakers	Approximate number of hours of training
Module 1A	IRC:5-2024 General Features of Design	4	Alok Bhowmick, Rajiv Ahuja, V N Heggade, G L Verma	4
Module 1B	IRC:6-2017 Loads and Load Combinations	7	Alok Bhowmick Partha P Banerjee, Rajiv Ahuja, Dr Lakshmy Parameswaran, Partha P Banerjee Jatin Singla	6
Module 1C	IRC:SP:114 - 2018 Guidelines for Seismic Design of Road Bridges	7	Alok Bhowmick, Rajiv Ahuja, Prof. Yogendra Singh, Sandeep Pattiwar, Varun Garg, Harpreet Singh	9
Module 2	IRC:112 Concrete Road Bridges	16	Prof. Mahesh Tandon, Rajeshirke, P.G.Venkatram, Anirudh Chande, Nirav Mody, J.S. Pahuja, Sandeep Pattiwar, Devjyoti Paul, Vinay Gupta, Prof. B Bhattacharjee, Harpreet Singh, Alok Bhowmick, Dr. Manish Mokal	23
Module 3	IRC:22 Composite Construction (Limit States Design) IRC:24 Steel Road Bridges (Limit State Method)	13	Harshavardhan Subbarao, M M Ghosh, Shiladitya Chanda, M K Madhavan, Sumantra Sengupta, Sanjeev Garg, Anirban Sengupta, V Karthik	23
Module 4A	IRC:78 (Part 1) Foundation & Substructure for Bridges (General Features & Working Stress Design)	7	PV Mayur, SK Jain, V N, Heggade, Navneet Gupta, RK Jaigopal, SS Gahawar, Ravi Sundram	11
Module 4B	IRC:78 (Part 2) Limited State Design of Foundations	2	SK Jain, Navneet Gupta	4

Module	Code Covered	Number of Lectures	Faculty / Speakers	Approximate number of hours of training
Module 5A	IRC:83 (Part I) Roller and Rocker Bearings	4	Nilanjan Ray, Anirban Mandal	4
Module 5B	IRC:83 (Part II) Elastomeric Bearings	4	Santanu Majumdar, Santanu Adhikary, Pranabesh Mukhopadhyay, Saptarshi Maiti, Chinmoy Ghosh, Arijit Ghosh	5
Module 5C	IRC:83 (Part III) Pot, Pin, Metallic Guide and Plane Sliding Bearings	4	Santanu Majumdar, Santanu Adhikary, Amit Mohanta, Shibsankar Karmakar, Chinmoy Ghosh, Arijit Ghosh	5
Module 5D	IRC:83 (Part IV) Bearings (Spherical and Cylindrical)	4	Jitendra Rathore, Piyush Sen, Rohit Kumar	5
Module 5E	IRC:SP 69 Guidelines and Specifications for Expansion Joints	4	Santanu Majumdar, Chinmoy Ghosh, Arijit Ghosh	5
Module 5F	Design of Isolation Bearings for Bridges	4	Dr Agostino Marioni	5
Module 6	IRC: 87 - 2018 Guidelines for Formwork, Falsework and Temporary Structures for Road Bridges	4	M V Jatkar, Sameer Malvankar, Ramnath Bhat	4

CERTIFICATION

- 🎓 Certificate of Participation for each completed module
- 🏆 Certificate of Proficiency (optional online exam – separate fee, valid for 2 years)

➡ Scan here for detailed program



CONTACT US

- ☎ +91-8447858930
- ✉ dir.ceaiacademy@ceai.org.in
- 🌐 www.ceaiacademy.com

Upskill in bridge engineering on your schedule