



**KPR Institute of  
Engineering and  
Technology**

Learn Beyond

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

# **CIVIL ENGINEERING CONCLAVE 2022**

## **ON BRIDGE ENGINEERING**

**HEAR FROM THE EXPERT**

**15.03.2022, TUESDAY**



**DEVELOPMENT OF THE BRIDGE FORM GLOBALLY  
OVER THE PAST 35 CENTURIES**

# KPRIET - An Overview

KPR Institute of Engineering and Technology (KPRIET) was established in the year 2009. The institution is promoted by KPR Group, a renowned business house in India with interest in Textiles, Wind Energy and Sugar. The main focus is to offer quality education to the younger generation to strengthen our Nation in the field of Engineering and Technology. The Institution is approved by AICTE and affiliated to Anna University, Chennai, conferred with Autonomous status and Accredited by NAAC with 'A' Grade. It is the one of the youngest institutions to acquire the most eligible accreditation by NBA (CIVIL, CSE, ECE, EEE and MECH).

## About the Department




The Department of Civil Engineering of KPR Institute of Engineering and Technology, Coimbatore was established in the year 2009. At the time of inception, it offered Bachelor of Engineering in Civil Engineering with an annual intake of 60 students. In the year 2012, the annual intake was increased to 120. The Department has been elevated to its next pedestal by offering Post Graduation in Structural Engineering with an annual intake of 18. The Department has highly qualified faculty members with Ph.Ds. and M.E./M.Tech. graduated from premier Institutions and abroad countries. The department also provides an opportunity for students in improving practical knowledge in the field of Civil Engineering and Software skills like AutoCAD, STAAD Pro, ETABS, SketchUp, ArcGIS, 3ds Max and Revit Architecture, in addition to communication and presentation skills. The students undergo Industrial Training and Industrial Visit to facilitate them to take up industrial live projects to understand the field constraints. In addition to the regular academic activity, the department also offers its services in the form of consultancy and testing to various government departments and private agencies. The quality of services provided by the department is well acknowledged in the professional field.

## About the Program

Thousands of bridges are being built in many countries and these require policy-making and supervision of construction by a large number of engineers. Bridges form the all-important connecting links and the back-bone of highway infrastructure in a country's development. The field work necessarily engages a large number of engineers generally with less-than-adequate experience who are hard-pressed for the appropriate exposure to workman-like hard-core practice-oriented professional practice. Hence, they need to undergo appropriate IN-HOUSE training. The latter would mercifully save both expense and time, and will NOT require the TRAINEES to be away from their work-duties for extended periods of time. Inadequate training is dangerous and can lead to MISTAKES in DESIGN as well as in CONSTRUCTION, COMPROMISED QUALITY ASSURANCE and QUALITY CONTROL, ACCIDENTS, TIME OVER-RUNS, COST OVER-RUNS, CLAIMS, COUNTER-CLAIMS, LITIGATION, ARBITRATION. Realizing the extreme importance of such in-house training, KPR Institute of Engineering and Technology joined hands with Dr.V.K.Raina (a world famous bridge expert with over 50 years hard-core professional PRACTISING experience in Design, Construction and Rehabilitation-&-Repair of BRIDGES in 22 countries).

## Objective

A Crystallised amalgam of Practice and Theory for Capacity- building of Practising Senior Engineers and Policy makers, that will:

-  Provide QUALITY PROFESSIONAL EDUCATION and TRAINING in the all-important sector of BRIDGES in the vein of EDUCATING and TRAINING the WORKING PROFESSIONALS (ETWP)
-  Continuously expose them to tools, techniques and current practices that they can apply immediately in their workplaces.
-  Inspire these professionals to achieve job security and satisfaction through lifelong professional development by offering programs in capsule-format that are pinpointed, relevant, flexible, and directly responsive.

## About Dr. V K Raina



Dr. V K Raina has been the **TEAM LEADER** of the **UN TEAM-OF-EXPERTS** for over 10 years for multi-billion USD highways-&-bridges projects in the Middle-East, Ph.D. and D.I.C. from the **IMPERIAL COLLEGE, UNIVERSITY OF LONDON, ENGLAND**, a **DOUBLE GOLD MEDALLIST**, **REGISTERED CHARTERED ENGINEER IN THE UK AND EUROPE**, **REGISTERED PROFESSIONAL ENGINEER IN ONTARIO, CANADA**, **CONSULTANT AND SENIOR EXPERT FOR NEARLY 17 YEARS WITH THE UN, THE WORLD BANK, THE AFRICAN DEVELOPMENT BANK AND NOW WITH THE ASIAN INFRASTRUCTURE INVESTMENT BANK (BEIJING)**, senior **TECHNICAL ADVISOR TO MANY GOVTS. AND STATES.**

Dr. Raina is also **DISTINGUISHED CHAIR PROFESSOR: BRIDGES (AICTE)**, **PROFESSOR-EMERITUS, LIFETIME ACHIEVEMENT AWARDEE** in civil engineering in the fields of bridge: design, construction, and rehabilitation and retrofitting, and the recipient of the coveted **S.B. Joshi AWARD OF EXCELLENCE IN BRIDGE ENGINEERING**. He is also the **ASIAN DEVELOPMENT BANK'S RESOURCE PERSON** for **TRAINING AND CAPACITY DEVELOPMENT IN BRIDGES**, has professionally **WORKED IN OVER 22 COUNTRIES** and **TRAINED HUNDREDS OF ENGINEERS IN THE ABOVE FIELDS**, and has **DESIGNED AND SUPERVISED CONSTRUCTION OF OVER 110,000 LANE-METERS OF CONCRETE BRIDGES IN DIFFERENT COUNTRIES ON VARIOUS TYPES OF FOUNDATIONS IN DIFFERENT SUBSTRATA CONDITIONS**. Further, he has **AUTHORED 15 PROFESSIONAL REFERENCE-CLASS BOOKS, AND OVER 100 PROFESSIONAL TECHNICAL PAPERS AND ADVISORIES**. Moreover, Dr. Raina has **INVESTIGATED THE STRUCTURAL AND FORENSIC HEALTH OF MANY BRIDGES - AND RETROFITTED MANY - IN VARIOUS COUNTRIES**: Ratu, Shiva Ganga, Jharai and other bridges in Nepal, Mahad in Maharashtra, Tallah, Vivekananda and Dunlop flyovers in Kolkata, Suktel in Odisha, Katni in MP, being only a few examples at random.

## Targeted Participants

Practising Civil Engineers from the PWD's, Contactors, Engineers and Consultants from Industry and Academicians, Students from various Institutions.

## Mode of Program

The training program will be conducted in hybrid mode (Offline and Online). Online mode details will be shared with the registered participants. Offline participants will have to strictly follow the COVID-19 Standard Operating Procedure (SOP) of the Institute.



## Program fee

Affiliation	For Online mode	For Offline mode
Students/ Academicians	Rs.300	Rs.500
Industry Personnel	Rs.750	Rs.1000

\* On the spot Registration also available



<https://bit.ly/BridgeConclave>

## Account Details

**Account Number:** 10920200043757    **Account Name:** KPR Institute of Engineering and Technology

**Bank:** Federal Bank    **IFSC Code:** FDRL0001092

**Branch:** Coimbatore    **Account Type:** Current

## Certificate

On successful completion, a certificate of participation will be issued to all active participants who submit feedback at the end of the program.

## For details contact:

 **96776 87013**

 **yuvaraj.s@kpriet.ac.in**

