ELIGIBILITY & REGISTRATION FEE

This seminar is open to Diploma undergraduate, postgraduate students, Research Scholars, faculties of different institutes & Industry Personal.

The registration fee for:
Delegates/Teaching Staff/Research Scholars/Industry Personal: **500/- Rs.**
RKU Student participants (Diploma, UG & PG): **200/- Rs.**
Non RKU Student participants (Diploma, UG & PG): **300/- Rs.**

ONLINE

Registration can be done through
https://rku.ac.in/c3s

Paytm Link: m.p-y.tm/rku_C3S_nrsms

Registration can be also done through account:
School of Engineering, RK University
Account no - 9511633516 | IFSC: KKBK0002791

OFFLINE

The payment can be made in cash before 03/09/2019.
For offline payment contact Prof Vinod Kumar at RKU campus.

After completion of online registration, send Email with payment slip to
vinod.kumar@rku.ac.in
Registration fee includes participation in Seminar, course material, Breakfast, Lunch and Tea

Registration will be limited for 100 participants only.
The last date for Registration is 03/09/2019
Selected Participants will be informed through e-mail on 03/09/2019.

ACCOMMODATION

Accommodation for outside participants will be provided on payment basis in the hostel or guest house of RK University, Rajkot. Approximate charges for accommodation is per day per person (Including dinner).

RKU HOSTEL - **100** (Sharing), **300** (Non Sharing)
RKU GUEST HOUSE-NON AC - **400** (Sharing), **700** (Non-Sharing) &
RKU GUEST HOUSE-Air-conditioned - **500** (Sharing) - **1000** (Non Sharing)

ADDRESS OF CORRESPONDENCE

Prof. Pradeep Kumar Pandey
08238790476 | 8849357935 | pradeep.pandey@rku.ac.in

Assistant Professor
Department of Civil Engineering, R K University, Rajkot – 360020, Gujarat, India.

RKUNIVERSITY

CPD CENTRE FOR PROFESSIONAL DEVELOPMENT

SCHOOL OF ENGINEERING RKUNIVERSITY

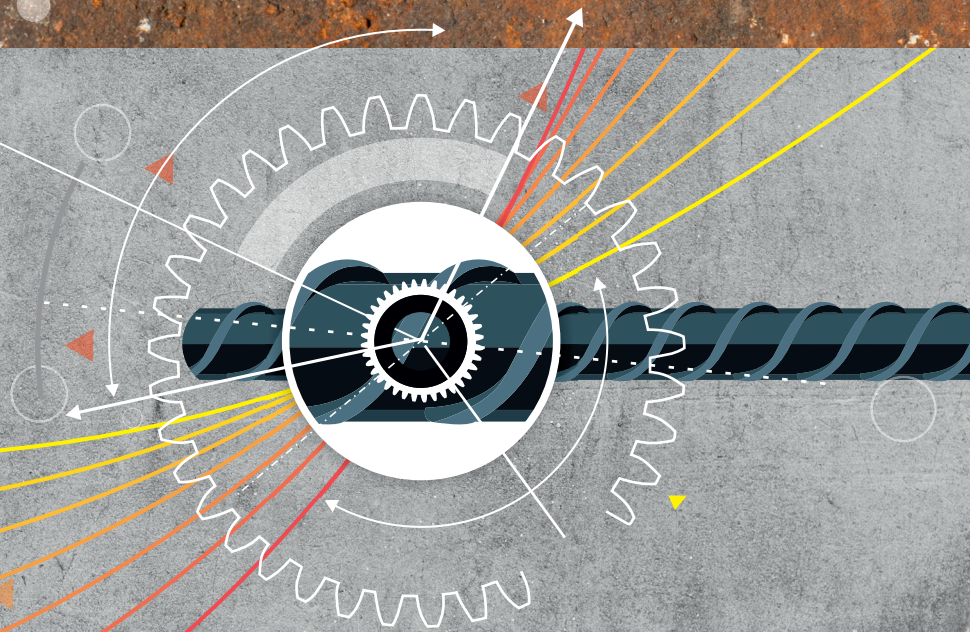
ONE DAY SEMINAR ON

CORROSION CONTROL IN CONCRETE STRUCTURES (C3S)

Sponsored by Gujcost & DST

6th Sept'19 | 8:30 am - 4:30 pm

Venue - School of Engineering Seminar Hall



Sponsored by

Gujarat Council on Science & Technology

Department of Science & Technology
Government of Gujarat

Student Chapter

ABOUT THE SEMINAR

India is witnessing a significant boom in the construction of many infrastructure systems (highway/railway bridges, ports/harbours, high-rise buildings, etc.). These concrete structures are designed for the service life more than 100 years. Unfortunately, many concrete structures are experiencing premature corrosion and not able to meet the design life requirements. Almost 50% of the concrete structures today experience a repair within about 10 years. About 40% of the cement produced in the country is used for repair practices. We spend about ~1 to 2 % of GDP in addressing the corrosion issues in concrete infrastructure. Therefore, we must educate our engineers on how to ensure the concrete structures are well-protected against corrosion. If we do not take adequate measures in this regard, then the future India will have to face an expensive challenge of repairing the large number of infrastructure systems that are being built now. This course is designed to help students and faculty members in civil engineering and practicing civil engineers to learn the basics of corrosion mechanisms in concrete structures and ways to protect the embedded steel from corrosion (in both existing and new structures). In particular, sufficient reading materials will be provided to enable further learning and be able to teach elective courses and practice good concrete engineering/corrosion control/construction practices. The lectures and laboratory sessions will cover the following topics with a blend of scientific principles behind, and the research- and practice-oriented viewpoints.

ABOUT THE INSTITUTE

RK University is a State Private University established and approved by Govt. of Gujarat under Private University Act, 2009 and recognized by University Grants Commission (UGC), under Section 22 of UGC Act, 1956. RK Group of Colleges was established in the year 2005 which grew rapidly, horizontally as well as vertically and was honored with the Private University status in 2011, which was first in Saurashtra Region. Currently RK University offers 50+ programs in Engineering, Management, Pharmacy, Physiotherapy, and Applied Science & Computer Applications from Diploma to Doctoral level, with over 5000 students & 450+ staff members.

We believe that RKU is a place where "Change" happens. Our students are challenged and motivated to change their perspectives by our faculties. Our faculties constantly change their pedagogies and instructional approaches to match industry requirements and student needs. RK University is ranked 4th across the nation in Swachh Campus Ranking 2018 by MHRD, Government of India. The only state private university accredited by NAAC-UGC in western Gujarat region.

ABOUT RAJKOT

Rajkot is the center of the western Gujarat ("Kathiyawad"). It is the hub of the small scale industries. It is the fourth largest city in the state of Gujarat, India, after Ahmedabad, Surat, and Vadodara. Rajkot is the 22th-largest urban agglomeration in India, with a population more than 1.5 million as of 2012.

SCHEDULE

Timing/Date	Programme
8.30am - 9:30am	Breakfast/ Registration
9:30am - 11.30am	Inauguration & Key note session/technical session - I
11:30am - 1:00pm	Techincal Session - II
1:00pm - 2:15pm	Lunch
2:15pm - 4:00pm	Techincal Session - III
4:00pm - 4:15pm	Tea
4:15pm - 4:30pm	Certificate Distrubution

COURSE CONTENT

Corrosion and Carbonation reaction mechanisms in Structural Concrete.
Reinforced concrete corrosion and its measurement methods. & Corrosion Mitigation of Concrete Structure &case studies.

PATRON

Mr. Denish Patel
Executive Vice President, RKU

CONVENER

Dr. Nilesh B. Kalani
Director, School of Engineering

Prof. Trupti Parmar
Associate Professor, Dept. of Civil Engg., School of Engg.

Prof. Vinod K Narayan
Head of the Department, Dept. of Civil Engg., School of Engg.

CO-ORDINATOR

Prof. Pradeep kumar Pandey
Assistance Professor, Dept. of Civil Engg., School of Engg.

RESOURCE PERSON

Dr.B Kondreverdhan
SVNIT Surat

Dr. Mahesh Mungale
IITRAM - Ahmedabad

Dhruvesh Shah,
Indian Head, Vector Corrosion Technology, Vadodara

ADVISORY COMMITTEE

Mr. R.K. Shashanth | Mr. Silas Jones | Mr. Mehul Rangani
Mr. Jay Gohel | Miss Amrita Kumari | Dr. Gaurav Agrawal
Mr. Ilyasmohyudin | Mr. Vijay Patel