



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
"ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ
ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ.



Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)
"Jnana Sangama" Belagavi-590018, Karnataka, India

REGISTRAR

Ref: VTU/Aca/2022-23/289

Phone : (0831) 2498100

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Date: 11 APR 2023

CIRCULAR

Subject: A One-day National Workshop on DURABILITY OF CONCRETE on 29th April 2023.

RASTA is organizing a one-day National workshop on "DURABILITY OF CONCRETE" on 29th April 2023. India, being a vast, highly diverse country and one of the fastest growing economies in the world, is facing tremendous challenges and opportunities in Infrastructure Development which necessitates the current civil & construction fraternity from both government and private sector to contribute to the socioeconomic development. Cement Concrete being the second most consumed material in the world, requires thorough augmentation & validation of its physio-chemical properties. Hence, the study on concrete durability becomes inevitably important.

The diligent efforts put in by the Centre of Excellence in Concrete (CEC) of ICI-BENC in the timely development of a Handbook on concrete durability is notable as it relates to performance-based specifications. This Workshop offers pertinent application knowledge as presented in the Handbook through none other than the authors themselves who will deliver talks on specific topics pertaining to concrete durability. Through this workshop it is intended to assist the Cement and Concrete Industries, Consulting Engineers, Government Officials, Contractors, Academicians, Researchers etc. on various aspects of concrete durability as there are very little references related to Performance based specification on Durability of Concrete.

Topics of the workshop include
Overview of Handbook on Concrete Durability
Concrete Durability & its control
Corrosion Mechanisms & Prevention Methods
Durability of Special Concretes
Prescriptive & Performance Approaches to Durability
Examples of Performance Specifications
Durability Design Principles in IS:456-2000
Brochure is attached

Yours faithfully,

Ra 11/04/23 RE
REGISTRAR
P. S. Patil

To,

1. The Principals of all Engineering Colleges affiliated and the constituent Engineering College, VTU, Belagavi.

Copy to,

2. The In-charge , ITISUM, VTU, Belegavi to upload on the website and email to Principals of all Engineering Colleges affiliated and the constituent Engineering College, VTU, Belagavi.

RASTA - Center for Road Technology

in association with

Indian Concrete Institute

Bengaluru Centre

presents

A One-day National Workshop on

Durability of Concrete



Saturday, April 29, 2023

Seminar Hall, RASTA - Center for Road Technology

Volvo Construction Equipment Campus

No. 7 & 8, Peenya Industrial Area Phase-I

Bengaluru - 560058

Click For Directions



RASTA

ABOUT THE WORKSHOP

India, being a vast, highly diverse country and one of the fastest growing economies in the world* faces tremendous challenges and opportunities in Infrastructure Development which necessitates the current civil & construction fraternity belonging to both government and private sector to contribute to the socio-economic development. Cement Concrete being the second most consumed material in the world, it requires thorough augmentation & validation of its physico-chemical properties. Hence, the study on concrete durability becomes inevitably important. Extensive experience demonstrates that the durability of concrete structures is related not only to the material & design aspects but also relates to improper construction practices. Extensive usage of SCMs (Supplementary Concrete Materials) in Ready Mix Concretes results in higher heterogeneity, due to which the quality of concrete structures shows high scatter and variability. The diligent efforts put in by the *Centre of Excellence in Concrete (CEC)* of ICI-BENC is a timely development on durability of concrete which is related to performance-based specifications. Workshop offers pertinent application knowledge and intends to assist the Cement and Concrete Industries, Consulting Engineers, Government Officials, Contractors, Academicians, Researchers etc. as there are very little references related to Performance based specification on Durability of Concrete.

ABOUT RASTA

RASTA (Resource centre for Asphalt and Soil Training Academy) - Center for Road Technology started in Bengaluru in the year 2002. RASTA, a non-profit organisation, is an initiative of Prof. C.E.G. Justo and is currently managed by Volvo Construction Equipment India Pvt. Ltd. It is an Extension and Research Centre of Visvesvaraya Technological University, Belgaum. The vision of RASTA is to be a Centre of Excellence for Road and Infrastructure research & practice in the country, which it aims to achieve through excellence in its 4 verticals Viz., Academics, Training, Research and Consultancy.

ABOUT ICI

Indian Concrete Institute is a leading professional organization catering to the professional needs of individuals and organizations involved in Concrete Construction. Being a not-for-profit Organization, it is also dedicated to the noble cause of dissemination of knowledge & promotion of Concrete Technology and Construction also addressing the research needs.

ABOUT RESOURCE PERSONS

Dr Manu Santhanam

Professor, Building Technology & Construction Management Division Associate Dean, Industrial Consultancy and Sponsored Research (ICSR), IIT-Madras, Chennai, Veteran Concrete Technologist & Researcher.

Shri V R Kulkarni

Veteran Concrete Technologist and Researcher for over 3 decades, Former President of ICI, Former Head-R&D, ACC Cements Ltd., Author of ICI Handbook on Concrete Durability

Dr Sivakumar K

Specialist in concrete/materials technology with decades of experience in durability design for various infrastructure, including assessment-cum-substantiation of civil nuclear facilities.

Shri Mark Alexander

Emeritus Professor and Senior Research Scholar at the University of Cape Town, South Africa. Former President, RILEM. Experienced Researcher in durability of Concrete & distinguished author.

Dr Jayachandran K

Experienced researcher Doctor of Philosophy (Ph.D.) from IIT Madras focused on durability of construction materials and service life estimation of concrete structures.

Dr R V Ranganath

Professor, Department of Civil Engineering, BMS College of Engineering, Bengaluru. Former Principal, BMSIT, Veteran Concrete Technologist & Researcher

Dr Manamohan R Kaigal

Practicing independent Structural Consultant, Former Technical Advisor - Ultratech Cement Ltd., Former President, ICI, Industry-Academia Interaction Expert



THEMES OF THE WORKSHOP

One-day National Workshop on
"DURABILITY OF CONCRETE"
 Saturday, April 29, 2023
 Organized by
RASTA - Center for Road Technology
 in association with
Indian Concrete Institute, Bengaluru Center (ICI-BENG)

DURABILITY OF CONCRETE & ITS CONTROL	Dr Manu Santhanam
HANDBOOKS ON DURABILITY	Shri V R Kulakarni
KEY FACTORS INFLUENCING DURABILITY	Dr Jeyachandran K
DURABILITY OF SPECIAL CONCRETES	Dr R V Ranganath
PRIME APPROACHES TO ACHIEVE DURABILITY	Dr Sivakumar K
CASE STUDY/PERFORMANCE STUDIES	Shri Mark Alexander

SPONSORSHIP CATEGORIES

Platinum	<ul style="list-style-type: none"> ✓ Rs. 1,00,000/- + 18% GST ✓ 10 Delegates ✓ Presentation slot - 15 min
Gold	<ul style="list-style-type: none"> ✓ Rs. 50,000/- + 18% GST ✓ 5 Delegates ✓ Presentation slot - 5 Mins
Silver	<ul style="list-style-type: none"> ✓ Rs. 25,000/- + 18% GST ✓ 3 Delegates ✓ Banner/Standee Display

Sponsorship Payments to be made to:

Bank Name	CANARA BANK
Bank Branch	J C Road Branch, Bengaluru
A/C Name	Indian Concrete Institute - Karnataka Bangalore Center
A/C Number	04121010000530
IFSC	CNRB0010412
PAN	AAATI0256J
GSTN No	29AAATI0256J1ZM

Indian Concrete Institute - Bengaluru Centre (ICI-BENG)
 No. 2, UVCE Alumni Association Building, Dr B R Ambedkar

REGISTRATION

Registration Link after Payment - [Click Here](#)

Or

Scan Here →



Delegate Type	Registration Fee (Includes 18% GST)
Academics: Faculty, Research Scholars, PG Students & Members of ICI, ACCE & INSTRUCT	Rs. 1,000/-
Industry: Government & Construction sector Professionals	Rs. 1,200/-

Last Date for Registration: **Tue. 25th April 2023**

MODE OF PAYMENT FOR DELEGATES:

Registration fees should be paid by **E-Payment (Online mode) ONLY**

Bank Name	HDFC Bank
Branch	Peenya Stage I, Bangalore
A/C Name	RASTA - Center for Road Technology
A/C Number	50200028930560
IFSC	HDFC0001232

Note

- ✓ Registration fees include kit, certificate, and refreshments
- ✓ Participants will have to arrange for their transportation & accommodation.
- ✓ E-Certificate will be issued to all the participants
- ✓ Delegates are kindly requested to follow to the safety protocols of VOLVO CONSTRUCTION EQUIPMENTS Campus - **SAFETY FIRST!**



One-day National Workshop on

"DURABILITY OF CONCRETE"

On
 Saturday, April 29, 2023
 organized by

RASTA - Center for Road Technology

in association with

Indian Concrete Institute, Bengaluru Center (ICI-BENG)

TEAM RASTA-ICI

Chief Patrons:

- Dr S Vidyashankar - Vice Chancellor, VTU
- Dr A Veeraragavan - Former Professor, IIT-Madras
- Technical Advisor, RASTA
- Mr. Dimitrov Krishnan - MD, Volvo CE India Pvt. Lt
- Chairman, RASTA Trust

• Dr V Ramachandra - President Elect - ICI

• Er M Ravishankar - Vice President-South, ICI

Organizing Committee:

- Er H R Girish - Chairman, ICI-Bengaluru Centre
- Dr G Kavitha - Associate Professor & Head, RASTA
- Prof R Suhas - Secretary, ICI-Bengaluru Centre
- Dr K M Mallesha - Head - Consultancy, RASTA
- Dr M A Jayaram - Professor, RASTA
- Dr Jaya R S - Associate Professor, RASTA
- Prof Aravind Sagar B - Assistant Professor, RASTA

Registration & Logistics:

- Er Lingaraj Hiremath - RASTA - 8073123414
- Er Vaishakh K - RASTA - 9845789916
- Er Surya Kiran - RASTA - 9632152088
- Md. Pasha - ICI - 89516 07887



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