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Prof. Karanam Uma Maheshwar Rao
Director, N.I.T.K, Surathkal.

Patron:

Dr. K Swaminathan
Professor and Head, Dept. of Civil Engg.

Coordinators:

Dr. T. Palanisamy
Assistant Professor, Dept. of Civil Engg.
Dr. B. B. Das
Associate Professor, Dept. of Civil Engg.

Completed registration forms can reach to:**Dr. T. Palanisamy**

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Organized by:

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COURSE FEE

Amount	GST	Total	Participants
Rs.1,000.00	18.00%	Rs.1,180.00	Students / Research Scholars
Rs.2,000.00	18.00%	Rs.2,360.00	Professionals from academic and scientific organisations
Rs.3,000.00	18.00%	Rs.3,540.00	Industry professionals

NB:Registration fee includes working lunch and tea without accommodation.

ACCOMMODATION

Limited accommodation for the participants will be provided in the institute guest house / hostels on prior request (chargeable basis). Normally it will be a twin shared accommodation subject to availability.

Note:

• All are requested to register through online on or before **11.11.2019**. The link for online registration is as follows:

<https://forms.gle/9QGeLEgEaq4JvkYr8>

• Last date for receiving scanned copy/original of registration form via mail/post is on **11.11.2019**.

• The selected candidates will be intimated through e-mail on or before **13.11.2019**.

One-Week Faculty Development

Programme on

Fiber Reinforced Concrete and it's Applications

Nov 18th – 22nd, 2019

Coordinators

Dr. T. Palanisamy, Assistant Professor

Dr. B. B. Das, Associate Professor

Sponsored By

TEQIP - III



Organized by

Department of Civil Engineering
National Institute of Technology Karnataka,
Surathkal, Mangaluru – 575 025, India.

INTRODUCTION

Concrete is the most utilized material for construction. In fact, the second most widely consuming material after water over the entire world. As the technology advances, we are dealing with many types of concrete, in which Fiber Reinforced Concrete (FRC) is one of the advancing one. Still we are lagging behind in implementing these advancements for the current practices of construction and also there is no proper code available by our Bureau of Indian Standards (BIS). So as a Preliminary measure we start this programme to provide necessary information and data about it.

The objectives of this Faculty Development Program are

- Enhance their teaching and other skills in the field of Civil Engineering.
- Make them aware about modern teaching tools and methodologies.
- Acquire knowledge about current technological developments in Fiber Reinforced Concrete.
- Impart Professional practices in Fiber Reinforced Concrete.
- To channelize development with respect to academic qualifications and professional matters.

LOCATION

NITK lies on the coastal belt of Karnataka, on the National Highway 66, at about 22 kms from Mangalore towards Udupi. It lies close to Mangalore International Airport, Mangalore Railway Station and the Mangalore Port. Bus Routes from Mumbai, Goa and Bangalore (that terminate at Udupi-Manipal) pass through the College and visitors can disembark right away.

ABOUT THE INSTITUTE

National Institute of Technology Karnataka (NITK), Surathkal is one of the premier institutions in the area of Engineering and Technology. It is located amid 300 acres of sylvan surroundings on the east and sun-kissed sands of the Arabian Sea on the west. It is situated 22 kilometers north of Mangaluru city along the Kanyakumari-Mumbai National Highway 66 and is easily accessible from all parts of the country. Mangaluru city is well connected through air, rail and road.

CIVIL ENGINEERING DEPARTMENT

The Department has been always in the forefront for taking up R&D initiatives and Industrial Consultancy assignments. The Department offers one undergraduate, five post-graduate and also research programmes leading to bachelor, master and doctoral degrees. The Department has well experienced faculty, skilled technical staff and well-equipped laboratories. It is a recognized QIP centre for training of faculty from other engineering colleges and polytechnics.

SCOPE OF THE COURSE

This course integrates information from various engineering and scientific disciplines in order to provide a rational basis for Fiber Reinforced Concrete (FRC) and its Applications. As such, the course touches upon the pertinent information from Concrete advancements, Strength and Durability Performance and Codal Provisions for Hybrid FRC. The focus of this course is on the FRC and its application in Structural Engineering. The course emphasizes understanding the fundamental factors of material selection for FRC.

RESOURCE FACULTY

The lectures will be given by faculty members of the IISc Bangalore, IIT Delhi, IIT Roorkee, IIT Madras, IIT Palakkad, CBRI Roorkee, CECRI Tamil Nadu., PWD Mangaluru, Thapar University Punjab and Fiber manufacturing industry personal.

REGISTRATION FORM

One-Week Faculty Development Programme on
Fiber Reinforced Concrete and it's Applications
Nov 18th – 22nd, 2019

1. **Name:**
(In Block Letters)
2. **Highest Qualification:**
3. **Category/
Designation:**
4. **Institute/
Organization:**
6. **Telephone/
Mobile no.:**
7. **Email ID:**
8. **Registration Fee**

- Rs. 1000/- + 18% GST (for students from other institutions)
- Rs. 2000/- + 18% GST (for professionals from academic and scientific organisations)
- Rs. 3000/- + 18% GST (for industry professionals)

DECLARATION BY THE CANDIDATE

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration.

Signature of the applicant with date:

**Signature of HOD/
Supervisor with seal**

Place:

Date: