



## TWO DAY ONLINE INTERNATIONAL CONFERENCE GREEN HIGHWAY CONSTRUCTION – A *Sustainable Approach*

ON

**Monday, 14<sup>th</sup> September 2020 &  
Tuesday, 15<sup>th</sup> September 2020  
at NITK Surathkal, Mangalore.**

Organized by



**NATIONAL INSTITUTE OF TECHNOLOGY  
KARNATAKA, SURATHKAL**

in association with



**THE INSTITUTION OF ENGINEERS (INDIA)**

### Organizing Chairman

Dr. Sunil B.M., Associate Professor, Dept. of Civil Engg., NITKS.

### Organizing Secretaries

Dr. B.Manu & Dr. Raviraj H.M.  
Associate Professor & Assistant Professor, Dept. of Civil Engg., NITKS.

### NITK, SURATHKAL

National Institute of Technology Karnataka (NITK), Surathkal is an Institute of National importance that was established as Karnataka Regional Engineering College (KREC) in the year 1960. Nine undergraduate programmes in different disciplines leading to B.Tech. and M.Tech., M.Tech.(Research) and doctoral degree programmes in a wide range of specializations are being offered by the departments, school and centres.

NITK is located at Surathkal, about 20 kms north of Mangaluru city on NH66, on way to Udupi and Goa. NITK is well connected by air, rail and road. Mangalore International Airport, Mangalore Junction railway station, Mangalore Central Railway and Mangalore central bus stand are within 20 kms from the Institute. The world famous temple town Udupi is about 30 kms away. The sprawling 300 acres of the campus is divided to the east and west side by NH66 with lots of greenery and interesting interiors and exteriors lined by the great Arabian sea on the west.

### DEPARTMENT OF CIVIL ENGINEERING - NITK

The department was established in the year 1960 with a UG programme in Civil Engineering. Now in addition to B.Tech. (Civil) the Department also offers master's degree programme in Construction Technology and Management, Environmental Engineering, Geotechnical Engineering, Structural Engineering and Transportation Engineering and Ph.D. programme. The Department is engaged in various Research & Development Projects funded by MHRD, MoEF, DST, BARC, BRNS. Testing, consultancy services, industry interaction, continuing education programmes, R&D activities at the department have benefited and promoted inclusive all-round development of the industry and stake holders in the region.

### THE INSTITUTION OF ENGINEERS (INDIA)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body having a membership strength of 0.8 million. Since its establishment in 1920, IEI has served the engineering fraternity for over nine decades operating from 123 Centres located across the country. In 1935, IEI was incorporated by Royal Charter

and remains the only professional body in India to be accorded this honour.

### CONFERENCE OBJECTIVE

National Institute of Technology Karnataka, Surathkal in association with The Institution of Engineers (India) is organizing a conference, "Green Highway Construction – A Sustainable Approach" on 14<sup>th</sup> & 15<sup>th</sup> September 2020, at NITK Surathkal, Mangalore.

The conference provides a platform for deliberations on Impact of highway Construction on the environment. Innovative ideas and case studies will be presented and discussed.

### THEMES

The Conference themes are, in general, but not limited to:

1. Geotechnical challenges in road construction
2. Soil improvement, Ground stabilization & its effects on contamination
3. Monitoring air & noise pollution
4. Mitigative measures for air & noise pollution
5. Design & construction methods of green highways
6. Road safety & traffic mitigation for sustainable highways

### WHO SHOULD ATTEND

Students, Faculty members, Professionals from industry, Administrators and Policy makers.

### CALL FOR PAPERS

The online International Conference will include invited lectures from eminent speakers from institutes and will be deliberating and interacting on wide and varied range of topics. There will also be technical paper presentations. Papers are invited from all prospective authors. The authors are requested to submit an abstract of not more than 300 words within the deadline. The abstract shall include the corresponding author's affiliation and contact details. Full length papers submitted based on the abstract acceptance will be once again peer reviewed by the technical committee and then selected for oral presentation/poster sessions. Attempts are being made to publish, accepted papers in a Scopus Indexed proceedings/periodical/book

## IMPORTANT DATES

Submission of Abstract	: 10 <sup>th</sup> August, 2020
Acceptance of Abstract	: 15 <sup>th</sup> August, 2020
Submission of Full Paper	: 30 <sup>th</sup> August, 2020
Acceptance of Full Paper	: 05 <sup>th</sup> September, 2020
Registration	: 10 <sup>th</sup> September, 2020

## REGISTRATION FEES

Particulars	Regular
Faculty	INR 500
Corporate/Government & Institutional Sponsored Delegation	INR 1000
Others (per delegate) International delegates International student	USD\$ 50
Students	No registration fees

For registration use form attached.

## CONTACT

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NITK Surathkal, Srinivasnagar, Mangalore.  
Mob: +91 9448523664;  
Mob: +91 8762569251;  
Mob: +91 9448861733; Email: [ghcconf@nitk.edu.in](mailto:ghcconf@nitk.edu.in)

## ORGANIZING COUNCIL

Chief Patron Prof. K. Umamaheshwar Rao (Director, NITK )  
Patrons: Prof. K. Swaminathan  
(Head, Civil Engineering Dept. NITK)  
Prof. Katta Venkataramana,  
(Hon. Chairman IEI Mangalore Local Chapter)  
Organizing Chairman: Dr. Sunil B.M.,  
(Associate Professor Civil Engineering Dept. NITK)  
Organizing Secretary: Dr. B. Manu & Dr. Raviraj H.M.  
(Associate Professor & Assistant Professor  
Civil Engineering Dept. NITK)

## ADVISORY COUNCIL

Dr. John Eric Bolander, Professor, UC Davis, California.  
Dr. P. Narayan, Sr. Vice-President, HR, Admin and EHS,  
KFIL, Koppal.  
Dr. R. Shivashankar, Professor, Dept. of Civil Engg., NITKS.  
Dr. K.S. Babu Narayan, Professor, Dept. of Civil Engg.,  
NITKS and Hon. Secretary, IEI Mangaluru Local Chapter.  
Dr. S. Shrihari, Professor, Dept. of Civil Engg., NITKS.  
Dr. A.U. RaviShankar, Professor, Dept. of Civil Engg., NITKS  
Dr. Varghese George, Professor, Dept. of Civil Engg., NITKS  
Dr. Sitaram Nayak, Professor, Dept. of Civil Engg., NITKS  
Dr. Arun Kumar Thalla, Associate Professor, NITKS.  
Dr. S. N. Suresha, Associate Professor, Dept. Of Civil Engg.,  
Dr. C.P. Devatha, Associate Professor, Dept. Of Civil Engg.,  
Dr. A. Azhoni, Assistant Professor, Dept. Of Civil Engg..  
Dr. M. Sreekumar, Assistant Professor, Dept. Of Civil Engg.  
Dr. Anupama Surenjan, Assistant Professor, NITKS.  
Dr. K. Sreevalsa, Assistant Professor, Dept. Of Civil Engg.,  
Dr. G. Sridhar, Assistant Professor, Dept. Of Civil Engg.,  
Dr. Mithun Mohan, Assistant Professor, Dept. Of Civil Engg

## ABSTRACT/PAPER SUBMISSION

Abstract/Paper submission shall be made through the  
following email: [ghcconf@nitk.edu.in](mailto:ghcconf@nitk.edu.in)

## REGISTRATION FORM

**Two-day International Conference on Green Highway  
Construction – A Sustainable Approach**

**Monday, 14<sup>th</sup> September 2020 & Tuesday, 15<sup>th</sup>  
September 2020.**

**Name:**

**Prof./Dr./Mr./Mrs.** \_\_\_\_\_

**Designation & Address:**

**Registration fee ₹** \_\_\_\_\_

**Payment mode:**

**Online:**

**A/C 37772503911**

**State Bank of India, NITK Campus Srinivasnagar**

**IFSC: SBIN0002273**

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