

## Chief Patron

V. Muniyappa ,  
Chairman,SVGI

Er. Ravishankar M,  
Chairman, ICI (BC)

Dr. Shashidhar M,  
CED, SVGI.

Dr. Radhakrishna,  
Secretary, ICI (BC)

## Patron

Dr. Suresha  
Principal, SVCE  
Bengaluru.

## Convener

Dr. H N Rajakumara  
Professor and HOD  
Department of Civil Engineering  
SVCE, Bengaluru.

Dr. Prahallada M C  
Professor and PG Co-ordinator  
SVCE, Bengaluru.

## Coordinators

Dr. LATHA M S  
Prof. ANUSHA M  
Prof. PRIYANKA S  
Prof. BOYA NAGARAJU

## About AICTE

The All India Council for Technical Education (AICTE) is the statutory body and a national-level council for technical education, under Department of Higher Education, Ministry of Human Resource Development. Established in November 1945 first as an advisory body and later on in 1987 given statutory status by an Act of Parliament, AICTE is responsible for proper planning and coordinated development of the technical education and management education system in India.

It is assisted by 10 Statutory Boards of Studies, namely, UG Studies in Eng. & Tech., PG and Research in Eng. and Tech., Management Studies, Vocational Education, Technical Education, Pharmaceutical Education, Architecture, Hotel Management and Catering Technology, Information Technology, Town and Country Planning. The AICTE has its new headquarters building in Delhi on the Nelson Mandela Road, Vasant Kunj, New Delhi, 110 067, which has the offices of the chairman, Vice-chairman and the member secretary, plus it has regional offices at Kanpur, Chandigarh, Gurgaon, Mumbai, Bhopal, Baroda, Kolkata, Guwahati, Bangalore, Hyderabad, Chennai and Thiruvananthapuram. In its 25 April 2013 judgement the Supreme Court said "as per provisions of the AICTE Act and University Grants Commission (UGC) Act, the council has no authority which empowers it to issue or enforce any sanctions on colleges affiliated with the universities as its role is to provide guidance and recommendations. Subsequently AICTE was getting approval from the Supreme court to regulate technical colleges on a year to year basis till January 2016, when AICTE got blanket approval for publishing the Approval Process Handbook and approve technical colleges including management for the session 2016-17 and in all future sessions."

## About ICI

Indian Concrete Institute is one of the leading professional bodies in India, catering professional needs of individuals and organizations involved in concrete. Being a non-profit organization, it is dedicated to the cause of disseminating knowledge of concrete technology and construction and to address the research needs in concrete. ICI has 38 regional centers across the country and 210 students chapters, and 38 students chapter Bengaluru. ICI identifies, recognizes and rewards the experts in the field of concrete technology and concrete construction. ICI brings out several publications, proceedings of all the important events for the benefit of members and others.

## About IEI

The Institution of Engineers India (IEI) is the national organization of engineers in India. As the world's largest multi-disciplinary Engineering professional society, the institution is acclaimed to have pioneered non-formal education in Engineering. It boasts more than one million members in its 15 Engineering disciplines across 125 centers and chapters located in India and around the world. The Institution of Engineers India was incorporated by the Royal Charter in 1935.



## AICTE Sponsored Seminar on

**“Rehabilitation and Retrofitting of Bridges”**

**11th to 14th April 2018**

## In association with



## Resource Person

**Dr. Virindra K Raina**

Ph.D.(London), DIC(London), MICE(London), C.Eng.  
(London), P.Eng.(Ontario, Canada)

Professor Emeritus

Adjunct Professor, IIT, BHU

Distinguished Practising Engineer and Fellow

Emeritus: AICTE

## Organised By

Department of Civil Engineering

**SRI VENKATESHWARA COLLEGE OF  
ENGINEERING**

(Affiliated to VTU, Belagavi & Approved by AICTE, New  
Delhi), NBA Accredited\*

Vidyanagar, Kempegowda International Airport Road,  
Bengaluru – 562157

## ABOUT THE COLLEGE:



**Sri Venkateshwara College of Engineering** is one of the premium institutions affiliated to Visvesvaraya Technological University, Belgaum, approved by AICTE New Delhi. The institute offering engineering and management courses, SVCE is a leader in technical education and in the development of ideas that shape the world's understanding of engineers. SVCE is proud of its position as the top academic college of engineering and proud of the people who make it so our students, faculty, staff and the management. Sri Venkateshwara College of Engineering is a Community of People to make an impact on the world around them and who experience daily the excitement of change that new ideas generate.

## ABOUT THE DEPARTMENT:

**The Civil Engineering Department** set up in 2004, has UG and PG Programmes with an intake of 120 students for UG and 24 students for PG. The department also has research centre recognized by VTU to pursue PhD. The department has 32 faculty belonging to various disciplines in the Civil Engineering field. We have memberships of Institution of Engineers (IE) and Indian Concrete Institute (ICI) and also have an MOU with FE Designs for consultancy services, M/s CADD Centre,, Bengaluru, M/s Synergy, Bangalore and Flaminco Refractories(p) limited, Nagpur. We are also doing projects for Virtual Academy of Ancient Knowledge Systems (VAAK). The department has hosted a number of activities under student chapters of IE, ICI and Forum (Civil Engineering Students Association), a few of which are – Guest Lectures by eminent personalities such as Mr. S. Dhanabalan, Project Manager, NLC, Chennai, Dr. Aswath M.U, ICI, and Mr.Kaushik Hajra,ICI,Bangalore Centre, Mr.M.Chinnamani, Chief Manager, Center for Applied Research and Development, IISc, Bangalore, Dr. Manamohan Kalgal, Joint President and Head, Ultra Tech Cement Ltd., besides other learned Heads and Professors from various top institutions and departments around.

## ABOUT SEMINAR:

It is becoming increasingly important to systematize the maintenance of bridges because of their advancing age, increasing traffic volumes, heavier weight of road vehicles, limited resources and various modes of structural aging and deterioration. Thus, it is necessary to develop appropriate bridge maintenance strategies and tools not only to meet serviceability criteria but also for the life cycle cost optimization of new bridges. Based on a review of the existing bridge management systems, this seminar develops a proposed preliminary framework for the maintenance management strategies of medium and short span bridges which aims to optimize the life cycle costs with a 'value for money' focus, while taking into account the safety, serviceability and sustainability during the lifetime of the existing structures.

## PROGRAMME SCHEDULE:

DATE	SESSIONS	PROGRAMME
11-04-2018	9:00 AM to 9:30 AM	INAGRUAL FUNCTION
	9:30 AM to 10 :00AM	INTRODUCTIONS about Seminar
	10:00 AM to 2:00 PM	"BRIDGE ARCHITECTURE .....THE PAST, THE PRESENT AND THE FUTURIS-TIC"
12-04-2018	9:30 AM to 2:00 PM	BRIDGE STRUCTURE IN-SPECTION - Deficiencies, Remedies, and Preventions
13-04-2018	9:30 AM to 2:00 PM	WHY DO BRIDGES BUILT IN THIS PART OF THE WORLD SHOW DISTRESSAT NEARLY HALF THE AGE OF THOSE BUILT IN EUROPE TO THE SAME DRAWINGS & DESIGN . - How to ensure longer Service-life of our Bridges ??  - The LANGUAGE of CRACKS through which the DISTRESSED Bridge speaks to us.
14-04-2018	9:30 AM to 1:00 PM	QUANTITY-TRENDS IN AL-TERNATIVE "FLYOVER STRUCTURE" SCHEMES

## REGISTRATION FORM

Name:

Institution:

Designation:

Educational Qualification:

Address:

Email ID:

Phone No.:

**\*No registration fees\***

**Who are all Can Attend???**

- Practice and consultant Engineers.
- The Engineers from Industry.
- Engineers from State and Central government working on Bridges, NHAI.
- Faculty members, Research Scholars.
- Post graduating and Under graduating Students of many engineering colleges.

## CONTACT DETAILS

**Dr. Latha M S**

Associate Professor  
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**Prof. Boya Nagaraju**

Assistant Professor  
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**Prof. Anusha M**

Assistant Professor  
9108900186

**Prof. Priyanka S**

Assistant Professor  
8095432902

## Venue :

Sri Venkateshwara College of Engineering  
NH7, Vidyanagar, International Airport road,  
Bengaluru-562157