

SRI VENKATESHWARA COLLEGE OF ENGINEERING

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi), NBA Accredited*
Vidyanagar, Kempegowda International Airport Road, Bengaluru – 562157

Two Day National Level Seminar on

“FAILURE ANALYSIS OF ENGINEERING STRUCTURES”

26th & 27th March - 2018

Technically Sponsored by



SOCIETY FOR FAILURE ANALYSIS

in association with



**Indian Concrete Institute
Bengaluru Centre, Karnataka**

Organized by

Department of Mechanical Engineering

&

Department of Civil Engineering



VENUE:

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Vidyanagar, Kempegowda International Airport Road, Bengaluru – 562157

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SRI VENKATESHWARA COLLEGE OF ENGINEERING

Sri Venkateshwara College of Engineering is a leader in technical education and in the development of ideas that shape the world's understanding of Engineers. We are proud of our position as the top academic college of engineering and proud of the people who make it so – our students, faculty, and the management.

Journey of a student in this institute has always involved comprehensive knowledge building from practical skills, theoretical knowledge to personality development, which has given them a head start in their career.

SVCE stands by its motto of becoming a leader in imparting quality education and training in engineering and to contribute to the ever expanding knowledge and skills in professional environment through scientific inquiry, applied research and innovation. The management and faculty members are committed to generate excellence in academics and to attain the sacred goal of making the students to realize their full potential in all dimensions of their personality.

DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering Department was established in 2003 and is having UG and PG programmes. Department has 6 Doctorates and 25 faculty belonging to various disciplines. The department of Mechanical Engineering, being one of the admirable departments of the institute, caters to its students with class tutorial and state of the art laboratories. Research and Development Centre (Recognized by VTU) was established in 2008. Department R&D is involved in sponsored research, consultancy, testing and characterization. Department emphasizes the capability to work effectively in multi-disciplinary teams, providing leadership and technical expertise. The department aptly makes use of the technical facility in teaching and in setting up of in house experimental setups. Mechanical Engineering Programme is accredited by NBA for three years in 2016.

DEPARTMENT OF CIVIL ENGINEERING

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 has 32 faculties belonging to various disciplines in the Civil Engineering field. The department has Research and Development Centre under VTU. We have memberships of Institution of Engineers (IE) and Indian Concrete Institute (ICI) and also have an MOU with top leading industries. 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 remarkable achievement is made having **ICI ORGANIZATION LIFE MEMBERSHIP.**

SOCIETY FOR FAILURE ANALYSIS

SFA formed amongst the failure analysts of our country. It is heartening to note that efforts seeded during NCFCA 2006 reached fruition now. This only meant that failure is only a delay and not a defeat. The patronage of the society from many stalwarts is likely to set the progress of the society in achieving its ambitions and goals-viz.- achieving safer and stipulated service life of components in various industries. It is nice to observe that society aims to conduct lecture series, annual meetings, workshops, and clinics on various aspects of failure analysis. The current effort to bring out a newsletter is a great step in building the society.

INDIAN CONCRETE INSTITUTE

Indian Concrete Institute is one of the leading professional bodies in India, catering to the professional needs of individuals and organizations involved in Concrete. Being a non-profit Organization, it is dedicated to the cause of Disseminating Knowledge on Concrete, to Promote Concrete Technology and Construction and to address the Research Needs of Concrete. ICI identifies, recognizes and rewards the experts in the field of Concrete for their contributions to the development 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 SEMINAR

Failure of structures occur in all parts of the world as the result of design errors, constructions defects, lack of maintenance, aging and deterioration, as well as environmental effects such as wind, flood, snow, earthquakes and of course human error. They can result in heavy financial losses to all involved, catastrophic human costs, expensive delays and repairs, as well as other repercussions, including to the responsible parties.

OBJECTIVES OF THE SEMINAR

- ❖ The primary objective of the Seminar is to provide understanding of the origins, causes, consequences and practical Applications of failures.
- ❖ Review Some of the techniques and methods of Failure Analysis.
- ❖ Develop an understanding of failure functions, concepts and techniques.
- ❖ Integrated solutions for precise failure analysis and material testing.



CHIEF PATRON :

Sri V. Muniyappa, Chairman, SVGI, Bengaluru.

PATRON :

Dr. M. Shashidhar, Chief Executive Director, SVGI, Bengaluru

ORGANIZING CHAIRMAN :

Dr. Suresha, Principal, SVCE, Bengaluru.

CONVENORS :

Dr. H N Rajakumara, Professor & Head, Department of CV, SVCE, Bengaluru.

Dr. Shrishail Kakkeri, Professor & Head, Department of ME, SVCE, Bengaluru.

ORGANIZING SECRETARY :

Dr. H V Panchakshari, Professor & PG Coordinator, Department of ME, SVCE, Bengaluru

ADVISORY COMMITTEE :

Dr. Dwarakadasa E S, MD & CEO, KHMDL, Bengaluru.

Er. Nagaraj, Member, Civil Board, IEI, Karnataka State Centre.

Dr. P Sampath Kumar, Joint Director (Retd.), CPRI

Mr. Sanjeev Kumar Jha, General Secretray, SFA, Bengaluru

Er. Ravishankar M, Chairman, ICI, Bengaluru

Dr. Radhakrishna, Secretary, ICI, Bengaluru Centre.

Dr. Ashwath M U, Vice President(South), ICI.

ORGANIZING COMMITTEE:

Dr. Prahallada M C, Professor, CV,

Mr. Sunil S, Asst. Professor, MED

Dr. Naveenkumar D T, Associate Professor, CV,

Dr. Aravinda Kumar M S, Associate Professor, MED,

Mr. Chandra Prasad B S, Asst. Professor, MED

Mr. Giriswamy B G, Asst. Professor, MED

Mr. Ravichandra K M, Asst. Professor, MED

Mrs. Vijayashree M, Asst. Professor, CV

Mr. Nagesh R, Asst. Professor, MED

Last Date for Registration: 20/03/18

REGISTRATION FEE:

Faculty/Industrial Persons:-Rs. 1000/-, UG/PG Students :- Rs 600/-

PARTICIPATION:

Faculty members from Colleges/Institutions and Universities/Practicing Engineers in the field of Renewable Energy/ Transportation Sector and Students of B.Tech/ BE /M.Tech/ME are eligible to participate.

PAYMENT:

All payments are to be made through crossed Demand Draft / Cheque, drawn in favor of "The Principal, Sri Venkateshwara College of Engineering", payable at Bengaluru.

For Details Contact

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