

PREAMBLE

Promising Structural Health Monitoring Techniques developed to evaluate the in-situ performance of the important structures. For evaluation of safety and stability of these structures the structural health monitoring techniques plays pivotal role. Hence, the National Conference aims to review the ongoing research in this field. Also a one week Short Term Training Program (STTP) is intended to enhance the knowledge in advanced SHM techniques and its appropriate field application for Structural Audit purpose and respective up gradation in the knowledge for practical implications of the advanced strengthening techniques for the appropriate structures.

The program begins with overview of the recent technology in SHM based structural audit and advanced topics in strengthening/retrofitting of the appropriate structures by using respective reference codes.

This National Conference and STTP will be of immense interest to the Scientists, Researchers, Faculty members, Structural Auditors, Designers, Builders, Practicing engineers, architects and consultants.

OBJECTIVES

To introduce the advances in the SHM based structural audit and advanced strengthening/retrofitting techniques for various Structures. The main objective of this program is to provide opportunities and ensure skill up-gradation of faculty, researchers, and Structural auditors to enhance the knowledge regarding practical application through demonstrations and continual improvement in both content and delivery of program.

BROAD PROGRAMM CONTENT

1. Advanced SHM Techniques for Civil / Aerospace Structures
2. Advanced Strengthening Techniques
3. Structural Audit of Various Structures
4. Design of FRP for Strengthening of Structures
5. Practical Applications of SHM and Strengthening Techniques

ELIGIBILITY

- ✓ Faculty members of engineering colleges
- ✓ Practicing engineers (Both government and private)
- ✓ Scientists from R&D organizations
- ✓ Government officers (Ministries)
- ✓ Research Scholars

ACCOMMODATION

Boarding and lodging will be arranged for outstation participants on request in deluxe hotels around the institute on payment basis.

REGISTRATION (NC-STTP)

1. Academician /Scientists Rs. 3000/-
2. Students/ Research Scholars Rs. 1500/-
3. Others (Industry/Consultants) Rs. 5000/-

Participants are requested to pay by online/ Cheque/DD drawn in favour of "The Director, WCE, Sangli" payable at Sangli.

Publication (Free)

The research papers will be published in the proceeding of this conference.

TEQIPII-NC-STTP-ASHM-2016 DATES

Registration & Abstract Submission: 15th Oct 2016

Program Dates: 23rd to 29th October 2016

Candidates shall post/fax/e-mail/upload the duly filled-in registration form and abstract / Paper so as to reach the coordinator on or before 15th October 2016.

PATRON

HON'BLE MR. AJIT GULABCHAND, CMD, HCC, INDIA

KEY NOTE SPEAKERS

PROF. DR. P. BANERJI, DIRECTOR, IIT ROORKEE

PROF. DR. SAUVIK BANERJEE, IIT BOMBAY

PROF. DR. S. SURIYA PRAKASH, IIT HYDERABAD

Mr. RAMKUMAR H. RATHI, RATHI TECH-SERVICES PVT LTD

DR. GOPAL RAI, R&M, INTERNATIONAL PVT LTD

ADVISORY COMMITTEE

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REGISTRATION FORM

TEQIP II SPONSORED NATIONAL CONFERENCE - STTP ON

"ADVANCES IN STRUCTURAL HEALTH MONITORING,
NDT, AUDIT AND STRENGTHENING TECHNOLOGIES IN
CIVIL, AEROSPACE STRUCTURES"

23RD TO 29TH, OCTOBER, 2016

Name: Dr./Mr./Ms:-----

Academic Qualifications:-----

Designation:-----

Department:-----

Years of Experience:-----

Mobile No. :-----

E-mail:-----

Address:-----

AICTE approved institution: Yes/No

Accommodation needed: Yes/No

DD No:----- Date:-----

Bank:----- Place:-----

Signature of the Applicant

DECLARATION BY APPLICANT

The information furnished in the registration form is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing **TEQIP II-NC-STTP-ASHM-2016**. I shall attend the program for the entire duration, if selected.

Place:

Date:

Signature of Applicant

SPONSORSHIP CERTIFICATE

Certified that Dr/Mr./Ms _____ is an employee of our organization and is sponsored to attend the **TEQIP II-NC-STTP-ASHM-2016**, if selected.

Place:

Date:

Signature and seal of Sponsoring Authority

ADDRESS FOR CORRESPONDENCE

PROF. C.B.POL

Coordinator

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Call for Papers



NATIONAL CONFERENCE –STTP ON

**“ADVANCES IN STRUCTURAL HEALTH
MONITORING, NDT, AUDIT AND
STRENGTHENING TECHNOLOGIES IN CIVIL,
AEROSPACE STRUCTURES”**



**23rd to 29th October 2016
WCE Sangli, Maharashtra,
India, 416415.**

ABOUT THE INSTITUTION

Walchand College of Engineering (WCE), Sangli, established in 1947, is a premier and autonomous engineering institution in Maharashtra and one of the oldest in the country. WCE is a government aided institution and well known for academic quality of its Graduate and Undergraduate programs, which are accredited by NBA and NAAC with A grade. Since, 2007 the college has been enhanced towards the academic excellence by incorporating international level academic reforms in the curriculum and adopted contemporary practices like credit based semester system, continuous assessment and grading system, etc. Recently, it has yet again revamped its curricula and learning systems with the active engagement of international faculty and experts. WCE faculty is actively engaged in research activities funded by AICTE, DST, DRDO, BARC etc. and contributes in research publications. A large number of WCE alumni are working in leadership positions in academia, Government and Industry in India and abroad.

ABOUT THE DEPARTMENT

The Applied Mechanics Department is established in the year 1947. This department contributes the excellence in research and academia to Graduate and Undergraduate students in the field of Structural Engineering. Many ongoing research projects are in the field of performance evaluation of various structures. Some of these are based on Structural Health Monitoring and Strengthening Techniques. The department is recognized research center of Shivaji University and AICTE-QIP for Doctoral Studies. The department handles a rich tradition of income resource generation through sponsored research and consultancy projects in the field of Structural Engineering.

ABOUT SANGLI

Sangli is situated on the banks of Krishna River. A link of state highway only 42 kms away connects Sangli town to Mumbai-Bangalore National Highway (NH4). It is also well connected by railway with Miraj Junction 5km away from Sangli. Walchand College of Engineering is located midway between Sangli – Miraj. The city is very famous for Shri Ganesh temple with its medieval architecture, constructed during the period of Peshwas. The town is also famous for classical music, dance & drama.