

**SPPU sponsored Two - Days
National Conference on
PANCHTATVA in Civil Engineering -
Integrating Five Elements of Nature for
Sustainable Development**

February 27th - 28th, 2019

Announcement and Call for Papers



Organised by

Department of Civil Engineering

SINHGAD COLLEGE OF ENGINEERING, PUNE - 41

in Association with

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Sinhgad Institutes



SINHGAD COLLEGE OF ENGINEERING

S. No. 44/1, Vadgaon (Bk)

Off Sinhgad Road

Pune - 411 041, Maharashtra (India)

Phone - 020 24100221, Fax - 020 24357243

www.sinhgad.edu

ABOUT THE INSTITUTE

Sinhgad College of Engineering (SCOE) is a private unaided institution that was established in the year 1996 under the dynamic leadership of Prof. M. N. Navale. The institute offers eight undergraduate engineering programmes of four year duration namely: Mechanical Engineering, Electronics & Telecommunication Engineering, Computer Engineering, Chemical Engineering, Information Technology, Production Engineering, Civil Engineering, Bio-Technology. Six engineering departments are offering post-graduate programs. The department of Mechanical Engineering, Electronics & Telecommunication Engineering, and Civil Engineering are recognized Ph. D. Research Centre by Savitribai Phule Pune University. The institute also offers a post-graduate program leading to MBA degree. It has a total under-graduate and post-graduate enrolment of 1200 and 338 students respectively. Currently there are 126 students registered for Ph.D. with this research centre. All the courses are approved by All India Council for Technical Education (AICTE) and affiliated to Savitribai Phule Pune University.

ABOUT THE DEPARTMENT

The Civil Engineering department of Sinhgad College of Engineering, Pune was established in the year 2000. The department offers undergraduate program in civil engineering, with an intake of 180. As a symbol of academic excellence, the department received five years prestigious accreditation by NBA-Delhi. The department also conducts three post graduate programs in Structural Engineering, Hydraulics and Environmental Engineering. Along with post graduate program, the department is also recognized as a Research Centre by the Savitribai Phule Pune University for Ph. D. Studies.

OBJECTIVES OF THE CONFERENCE

The conference is organised with following objectives in mind.

- To emphasize the importance of The Five Elements of Nature and their applicability in Civil Engineering for sustainable development.

- To provide a technical platform for academicians, researchers and Industry personnel, to present new ideas, research and share experiences with the global experts thereby contributing to advancements in the sphere related to sustenance.

AREAS TO BE COVERED

Sustainable development in the Engineering and Technology, Physical and Applied Sciences and Management along with the applications of Internet of Things.

SCOPE

Engineering and Technology, Science, Architecture and Allied Branches.

THEMES

"PANCHTATVA" in Civil Engineering-Integrating Five Elements of Nature for Sustainable Development.

Sub theme 1 - EARTH

Earthquake Engineering, Earth Sciences, Foundation Engineering, Geology and Geophysics, Infrastructure Development, Materials.

Sub theme 2 - SPACE

Architectural Spaces, GIS, High Rise Space Structures, Remote Sensing.

Sub theme 3 - WIND

Air Pollution, Climate Change, Environmental Sciences, Weather modelling, Wind Analysis.

Sub theme 4 - WATER

Hydraulic structures, Irrigation, Interlinking of Rivers, Oceanography, Water Management, Water Pollution and its reuse.

Sub theme 5 - ENERGY

Conventional and Non-Conventional energy.

Sub theme 6 - MANAGEMENT AND PLANNING FOR PANCHTATVA

Construction Management, Internet of Things, Instrumentation, Risk Analysis and Reliability Engineering, Soft Computing, Web Based Computing.

IMPORTANT POINTS

ABSTRACTS

The Abstract should be 300 words maximum and the philosophy, experimentation, computation and analysis should be covered.

The abstract should be mailed to Ms. Monika Verma at panchtatva_conference@sinhgad.edu

PAPERS

Should be in standard IEEE format, preferably restricted to six pages.

Selected papers may be published in Journal.

PRESENTATIONS

The scrutinised and selected papers will be called for presentations.

BEST PAPER AWARD

Award will be given to the best paper on the consensus of the panel of juries.

KEYNOTE ADDRESS AND PLANERY SESSIONS

INVITED SPEAKERS

1. Dr. Avinash S. Garudkar Ph. D. (IIT Bombay)

Professor and Head Faculty of Engineering, Water and Land Management Institute (WALMI), Aurangabad, India

2. Dr. S. A. Puranik

Director and Environment Auditor,

Atmiya Institute of Technology and Science, Rajkot

3. Mr. Milind Vaidya

Director, Aviana Solutions, Mumbai

4. Ar. Poorva Keskar

Director, VKe:environmental, Pune

5. Ar. Mayank Barjatya

Founder, VastuWorld, Pune

IMPORTANT DATES

Last date to submit abstract: **31st January 2019**

Intimation of acceptance of abstract to authors: **8th February 2019**

Last date to submit full length paper: **10th February 2019**

Intimation of acceptance of paper to authors: **15th February 2019**

Last date of registration: **20th February 2019**

Conference dates: **27th - 28^h February 2019**

REGISTRATION FORM

SPPU sponsored Two - Days National Conference on "PANCHTATVA" in Civil Engineering - Integrating Five Elements of Nature for Sustainable Development, February 27th - 28th, 2019

Name: _____

Institute: _____

Department: _____

Address: _____

Mobile No.: _____

E-mail: _____

Mode of payment: _____

Amount Rs.: _____

Signature of Participant: _____

Signature of sanctioning authority with seal: _____

REGISTRATION FEE DETAILS

- Academician / Research scholar / Industry personnel: Rs. 750/-
- U.G. / P.G. student: Rs. 500/- (concession of Rs. 200/- each for a group of minimum three co-authors for U.G. level)
- Minimum one author should register for the Conference.
- Co-authors (non-attending) can avail the certificate of publishing by paying 50% of registration fees.
- Registration fee Includes registration kit, breakfast, lunch & tea.
- Online registration to be done using the following link

<https://goo.gl/forms/twhAXhR8Sq3PJxycy2>

Payments can be made by DD payable at Pune in favour of

PRINCIPAL, SINHGAD COLLEGE OF ENGINEERING

- For online payment:

Account No.: CA 6633538559 , Bank: Indian Bank,

Branch: Vadgaon Budruk, IFSC: IDIB000V104

ACCOMMODATION

Limited hostel accommodation on campus is available on prior request at nominal charges.

PATRONS

Prof. M. N. Navale

Founder President

STE Society, Pune

Mrs. Rachana Navale - Ashtekar

Vice-President (Admin)

STE Society, Pune

Dr. (Mrs.) S. M. Navale

Secretary

STE Society, Pune

Mr. Rohit M. Navale

Vice-President (HR)

STE Society, Pune

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Dr. S. D. Lokhande

Principal

CONVENOR

Dr. S. S. Shastri

Head of Civil Engineering Department

Co-Coordinators

Mr. Manjunath V. Bhogone

COORDINATOR

Mrs. Jyoti P. Bhusari

Mr. Dinesh S. Aswar

ORGANISING COMMITTEE

Faculty Members of Civil Engineering Department

CONTACT

For registration / abstract submission / paper submission:

Ms. Monika Verma, M - 9890451644

E-mail: panchtatva_conference@sinhgad.edu

For accommodation:

Mr. R. D. Jadhav, M - 9766144978

Mrs. Jyoti P. Bhusari, M - 8149107344

Mr. Manjunath V. Bhogone, M - 8149107346

Mr. Dinesh S. Aswar, M - 9422266323