



**International Conference  
on  
Recent Advances in Civil and Environmental Engineering  
(RACEE-2017)**

**4<sup>th</sup> & 5<sup>th</sup> March 2017**

**Organized by**

**Department of Civil Engineering,  
Walchand College of Engineering  
(An Autonomous Institute)**

**Affiliated to Shivaji University**



**Visit us at**

**[www.walchandsangli.ac.in/Racee2017](http://www.walchandsangli.ac.in/Racee2017)**

**Email: [icracee17@walchandsangli.ac.in](mailto:icracee17@walchandsangli.ac.in)**

## Scope of Conference:

Civil Engineering and its allied disciplines address the issues related to societal concerns and contribute significantly to infrastructure development. Rapid urbanization and growing demands of public for necessary services like water, building infrastructure, transportation, and wastewater treatment has posed challenge to Civil Engineers. In context to the development of cities with all modern amenities with sustainable environment, the awareness of latest technological advances is highly significant. This conference aims at addressing areas like (but not limited to) sustainable development in Environmental Engineering viz. water and wastewater engineering, Solid waste management, Air pollution, Technological advances in areas of Smart materials, Energy efficiency, Software applications in design for construction/structural engineering, Application of RS, GIS and GPS techniques in planning of civil engineering projects and Soft computing tools like GA, fuzzy logic and ANN. The two-day international conference shall provide a platform to discuss and transfer knowledge on recent advances in Civil and Environmental Engineering through interaction with and amongst academicians, research scholars working at national and international level.

## Themes for Conference

The conference will include following themes but not limited to

### Track 1 –Civil Engineering

- Construction and Structural Engineering
- Geo-Technical Engineering
- Green Technologies
- Soft Computing, RS, GIS and GPS
- Transportation Engineering

### Track 2 – Environmental Engineering

- Water Conservation and Recycling
- Solid Waste Management
- Air Pollution and Air Quality Modeling

## Call for Papers

The original and unpublished research/review papers are invited for presentation in the conference. The papers received will undergo a review process from experts in the relevant areas and a maximum of 40 papers will be selected for the conference. Of these accepted papers 30 papers will be selected for oral presentation and the rest will be permitted for poster presentation. The selected papers will be published in proceedings with ISBN number.

The template for preparing the paper is provided on the website [www.walchandsangli.ac.in/](http://www.walchandsangli.ac.in/) RACEE2017

**Camera ready papers may please be submitted on [icracee17@walchandsangli.ac.in](mailto:icracee17@walchandsangli.ac.in)**

## Important Dates:

Submission of full length paper: 18th February, 2017

Intimation of acceptance: 21th February, 2017

Revision and final submission: 27th February, 2017

## Registration fees:

Delegates	Indian	Foreign
Student	INR 1000	INR 2000
Academician	INR 2500	INR 5000
Industry Person	INR 3000	INR 6000

Registration form is available at the end of this brochure

## Mode of payment

Registration fee can be paid through DD drawn in the favor of “Director, Walchand college of Engineering, Sangli” or through net banking

### Bank

Account name: **Director Walchand College of Engineering, Sangli**

Account number: 150720100000001

IFSC code: BKID0001507

Branch Name: Vishrambag

MICR: 416013154

## About the College and Department

Established in the year 1947, Walchand College of Engineering (WCE) is one of the reputed colleges in India. Affiliated to Shivaji University, Kolhapur, this college was granted autonomy in the year 2007 and has been one of the few selected colleges in India undergoing the MHRD funded projects under TEQIP. The college has been accredited by NAAC with “A” grade and most of the academic programmes are accredited by NBA.

The Department of Civil Engineering was the first inchoative discipline at Walchand College of Engineering, Sangli and the oldest in Southern Maharashtra region. The Department offers Bachelor’s Degree in Civil Engineering (B.Tech.) and two programmes leading to Master’s degree (M.Tech.) in Civil engineering with specialization of Environmental Engineering and Structural Engineering adequately supported with doctoral programmes in Civil Engineering. The department has been accredited for five years by NBA consistently twice since 2003.

The Department is known for its reputed teachers having expertise in diverse fields. The department continues to strive loftier by exploring new frontiers of civil engineering, imparting the latest technical knowledge to the students and conducting high quality research which renders technical advice on live engineering problems in the field of Environmental Engineering to various Government and Private Sector organizations throughout the state. It has built up a wide research potential in Environmental Engineering, Geotechnical Engineering and Building Technologies. The research projects of the department are funded by various agencies such as Ministry of Human Resource Development (MHRD), All India Council for Technical Education (AICTE), Maharashtra Pollution Control Board (MPCB), Department of Science and Technology (DST) etc.

WCE is located on Belagavi-Pune railway route and the convenient airports are Belagavi (120 kms), Pune (230 Kms) and Mumbai (450 kms) from Sangli.

## Department's Vision and Mission

### Vision:

To be a Civil Engineering programme of the first choice by the aspiring students and prospective employers by implementing world class education practices.

### Mission:

To meet the Vision, all stakeholders of this programme are committed towards Outcome Based Education Philosophy by

1. Adopting vibrant academic curricula and implementing innovative teaching learning processes.
2. Providing opportunities to the students for the development of professional skills.
3. Nurturing critical thinking and creativity in students.
4. Inculcating in students the life-long learning attitude and sensitivity towards society & environment.

#### Chief Patron

**Shri. Ajit Gulabchand, Chairman, Administrative Council, WCE, Sangli**

#### Patron:

**Prof. G. V. Parishwad, Director;**

**Prof. P. J. Kulakrni, Deputy Director;**

**Shri. Ravi Purohit, Member, Administrative Council,  
WCE, Sangli**

**Prof. D. B. Kulkarni, Registrar;**

**Dr. D. S. More, TEQIP coordinator**

#### Convener:

**Prof. P. G. Sonavane**

#### Co-Conveners:

**Dr. G. R. Munavalli,  
Dr. K. S. Gumaste**

#### Organizing Secretary:

**Dr. V. D. Salkar**

#### Treasurer:

**Shri. P. K. Deshpande**

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Civil Engineering , WCE, Sangli**  
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of Civil Engineering, WCE, Sangli**  
**Mr. Sunil Belgave, CEO & MD, Belgave  
Education Pvt. Ltd., Sangli**

## International Advisory Committee:

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## Departmental Organizing Committee:

Prof. K. S. Wagh	Shri. M. S. Ali
Shri. S. S. Bapat	Ms. S. S. Mohite
Shri. C. H. Wagh	Mrs. M. M. Tilve
Shri. A. K. Kokane	Shri. A. C. Shirle
Shri. A. K. Mali	Shri. S. D. Kamble

## For further information, please contact:

Convenor	Co-Convenor	Co-Convenor	Organizing Secretary
Prof. P. G. Sonavane Professor, Dept. of Civil Engg., WCE Sangli, India Tel: +91 9822534868	Dr. G. R. Munavalli Associate Professor, Dept. of Civil Engg., WCE Sangli, India Tel: +91 9421128158	Dr. K. S. Gumaste Associate Professor, Dept. of Civil Engg., WCE Sangli, India Tel: +91 9420764490	Dr. V. D. Salkar Associate Professor, Dept. of Civil Engg., WCE Sangli, India Tel: +91 9922803990

## About Sangli

Sangli city (16.853°N 74.583°E) is situated on the banks of Krishna River. This city is known as Turmeric city of Maharashtra due to its production and trade of spices. It is one of the highest sugar producing districts in India. The Sangli district has recently entered into wine industry, and has achieved some success in producing classic vintage categories. A few of the places worth visiting are Ganpati Temple, Sangli Fort, Audumber, Bahubali Hill Temples (Kumbhojgiri) Dandoba hill station, Narsobawadi, Miraj Dargah, Ramling Temple, Sagareshwar Wildlife Sanctuary etc. Miraj is a town of Sangli which is 10 km from Sangli. City is famous for classical music and manufacturing of musical instruments. Kolhapur, a historic city also known as historical capital of Maharashtra, is situated just 50km away from Sangli. Typically March is just commencement of summer. The weather is comparatively dry and temperature 25-30°C.

## Accommodation in Sangli

Participants will have to make their own arrangements for Travel and stay at Sangli. However, assistance may be provided for accommodation booking if required.

Hotel Ambassador 0233-2672333,	Hotel Sai Prarthana 0233-2301787	Hotel Great Maratha 0233-2326664
Hotel Icon Inn 0233-675222,	Hotel Surya Intercontinental	Hotel Grand Heritage 0233-2304492
Hotel Pai Prakash 0233-2300222	0233-2301841	Lotus Residency 0233-2373397
	Hotel Pearl 0233-2600451	

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**Walchand College of Engineering,  
Sangli, Maharashtra**

## REGISTRATION FORM

Name of the Participant (BLOCK letters)	
Category	<input type="checkbox"/> Student <input type="checkbox"/> Academic <input type="checkbox"/> Industry <input type="checkbox"/> Foreign
Name of Institute/ Industry	
Address for Correspondence	
Mobile	
Email	

### Bank Details for Online Payment:

Account name: Director Walchand College of Engineering, Sangli  
Account number: 150720100000001  
IFSC code: BKID0001507  
Branch Name: Vishrambag  
MICR: 416013154

### Bank Transaction Reference Number:

If paid by DD: DD No., Amount Paid:	Name of Bank	Date
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Date:\_\_\_\_\_

Place:\_\_\_\_\_

Signature of the participant

Civil Department, Walchand College of Engineering  
(An Autonomous Institute)  
Sangli, Maharashtra, India 416 415

For Details visit our website- [www.walchandsangli.ac.in](http://www.walchandsangli.ac.in); Email: [icracee17@walchandsangli.ac.in](mailto:icracee17@walchandsangli.ac.in)