

**Registration Form**  
**TWO DAY NATIONAL CONFERENCE**  
**ON**  
**ADVANCED COMPUTING**  
**APPLICATIONS IN CIVIL ENGINEERING**  
**(ACACE - 2018)**  
**20 - 21 April, 2018**

Sponsored by  
**TEQIP-III**

NAME : (Mr/Ms/Dr/Prof) \_\_\_\_\_

DESIGNATION : \_\_\_\_\_

TITLE OF THE PAPER: \_\_\_\_\_

ORGANIZATION: \_\_\_\_\_

ADDRESS FOR CORRESPONDENCE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

PHONE NO: \_\_\_\_\_

PARTICULARS OF REGISTRATION FEE:

AMOUNT: \_\_\_\_\_

DD / CHEQUE NO.: \_\_\_\_\_

DATED: \_\_\_\_\_

DRAWEE BANK: \_\_\_\_\_  
(Photocopies of the Registration Form are acceptable)

DATE : \_\_\_\_\_

STATION : \_\_\_\_\_

SIGNATURE OF THE CANDIDATE

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Prof. Sameen Fatima, Principal, UCE, OU  
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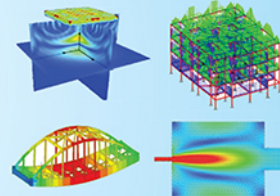
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Organized By  
**DEPARTMENT OF CIVIL ENGINEERING**  
**OSMANIA COLLEGE OF ENGINEERING**  
**OSMANIA UNIVERSITY, HYDERABAD-7**

In Association with



VSSUT, Burla, Odisha

**ABOUT OSMANIA UNIVERSITY (1917-2017)**

The Osmania University (OU) was established in the year 1917, is the seventh oldest in India and the third oldest in South India and is celebrating its centenary year in 2017-18. OU has achieved A+ rating by NAAC for 7 years. In recognition to its continuous and sustained academic achievements, Osmania University was also awarded with University with Potential for Excellence (UPE) status by the University Grants Commission, Govt. of India. OU has the rare distinction of having more than one crore strong alumni, who have distinguished themselves nationally and internationally in various spheres of life. The University lays strong emphasis on research and industrial consultancy. At present, more than 800 research scholars are in receipt of research fellowships through CSIR-NET, UGC-NET, UGC-BSR, DST-INSPIRE, RGNF, MANF, ICMR, and ICSSR. The University is ranked 33rd in National Institutional Ranking Framework for the Year 2015-16 by MHRD, Govt. of India. The University stands as one of the best 10 universities in the country for the last seven consecutive years as per the survey conducted by the India Today - Nielson and the Week-Hansa Research Survey.

**ABOUT COLLEGE OF ENGINEERING (A), OU**

The University College of Engineering (UCE) has the distinction of being the oldest and one of the top most Engineering Colleges in the State of Telangana. Established in the year 1929, eleven years after the formation of Osmania University, it was the 6th Engineering College to be established in the whole of India. The College moved to its present majestic building in the year 1947. From the portals of OUCE thousands of students graduated and made a mark in their professional fields. Many of the Alumni are well settled in India and abroad. The Golden Jubilee of the College was celebrated in 1979, the Diamond Jubilee in 1989 and the Platinum Jubilee in 2004. The College got autonomous status in 1994. The College offers four-year engineering degree courses leading to the award of Bachelor of Engineering (B.E.) in Biomedical Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communications Engineering and Mechanical Engineering. The College also offers courses leading to Master of Computer Applications, Master of Science by Research and also Master of Engineering and Ph.D., in the various branches of Engineering. Part-time courses are offered at postgraduate levels. As of now, there is a yearly intake of 320 undergraduate students (full-time), with an additional intake of 10% of foreign students and 290 postgraduate students (full-time and part-time). There are 140 teaching staff members, including 24 professors.

**ABOUT HOST DEPARTMENT:**

The Department of Civil Engineering has been in existence since the inception of OUCE in the year 1929. The department has grown from strength to strength and has been one of the pioneering departments in imparting quality education. Now, the Department offers undergraduate program with an intake of 60, Six Post Graduate and Ph.D. programmes. The Department provides R&D and consultancy services to various public and private sector organizations. The Department received research and modernization grants from TEQIP, UGC, DST, MHRD, and AICTE. The Department has celebrated Platinum Jubilee in 2004. The Department has well qualified faculty with wide experience and exposure in teaching, consultancy and research.

**SCOPE OF THE CONFERENCE**

The world of computing has seen several significant changes in the recent past with lots of improvements in computational power. Further, computational modeling has been an intense research domain and enabled to solve complex problems of Civil Engineering. The conventional methods of computing relies mostly on analytical/empirical relations which are time consuming when posed with real life problems. To study, model and analyze such complex problems advanced computer based solutions are most sought after. The soft computing and advanced modeling tools have been used extensively in research and Development works. These techniques have been inspired by the reasoning, intuition, consciousness and wisdom possessed by human beings. Further, soft computing provides powerful tools for civil engineers to carry out various numerical simulation studies. Some of them are knowledge driven methods, such as Fuzzy Logic and Probabilistic Reasoning approaches. Others are data driven methods, like Artificial Neural Networks and Evolutionary Computing approaches.

**CALL FOR PAPERS**

Research papers are invited from Faculty, Research Scholars/Post-Graduate Scholars, Design Engineers, Industry, R&D Personnel and practitioners working in the relevant fields of Civil Engineering. The Abstracts shall be submitted within 200 words along with Title, Author names, Affiliation, Address for correspondence. Email of the authors with a maximum of five key words on any one of the conference themes. Abstracts may be submitted to the conference mail address.

**CONFERENCE THEMES**

- Computational methods
- Innovative modeling Techniques
- Analysis of Structures
- Optimization techniques
- Finite Element Analysis
- Green Building Techniques
- Geo-Spatial Techniques
- Advanced Soil-Structure behavior modeling
- Advanced modeling applications in Climate change
- Soft Computing applications
- Environmental Modeling
- Multicriterion Decision Making (MCDM)
- Computational Fluid Dynamics (CFD)
- Intelligent Transportation Systems, Heterogeneous Traffic flow modeling and Simulation studies
- Statistical and Probabilistic applications
- Evolutionary Algorithms
- Uncertainty Quantification and modeling
- Miscellaneous Modelling Approaches

**ORGANISING SECRETARY**

Prof. P. Raja Sekhar  
Professor of Civil Engineering, OU.

**ADDRESS FOR CORRESPONDENCE**

Organising Secretary (ACACE-2018)  
Civil Engineering Department, University College of Engineering (A),  
Osmania University, Hyderabad-500007-Telangana State, India  
+91 9440951800, +919989597500  
Email: acaceou2018@gmail.com  
Web: www.osmania.ac.in, www.uceou.edu

**REGISTRATION DETAILS**

Authorised Delegate : Rs 4000/-  
Industry and Non-Author Delegate : Rs. 3000/-  
Student Participants : Rs 1500/-

**MODE OF PAYMENT**

All payments shall be made by DD payable at Hyderabad drawn in favour of "Head ACACE2018, Department of Civil Engineering, University College of Engineering, Osmania University" from any nationalized banks.

**IMPORTANT DATES**

Submission of Abstract : 15-03-2018  
Acceptance of Abstract : 20-03-2018  
Submission of Full Length Paper : 01-04-2018  
Acceptance Full Length Paper : 05-04-2018  
Conference Dates : 20-21, April, 2018

**ACCOMMODATION**

NO ACCOMMODATION shall be provided. On request, the organizers shall help for the same, as good number of hotels with tariff ranging from Rs. 1500 – Rs. 5000 are available in the city.

**SPONSORSHIP**

We seek liberal support from industry/institutions for participation and sponsorship.  
Patron (Eligible for free 4 Delegates) Rs. 75, 000/- and above  
Sponsor (Eligible for free 2 delegates) Rs. 50, 000/- and above  
Co-Sponsor (Eligible for 1 delegate) Rs. 25, 000/- and above

**ELIGIBILITY:**

Faculty Members from AICTE approved Engineering Colleges, Students, Research Scholars, Academicians, Consultants, Practicing Engineers in the disciplines of Civil and Mechanical Engineering.

**DATE AND VENUE**

The National Conference will be held during 20-21, April, 2018 at Conference Hall of the Department of Civil Engineering, University College of Engineering, O. U.

**PUBLICATION IN JOURNAL/CONFERENCE PROCEEDINGS**

The papers presented in the ACACE conference will be peer reviewed and published as a special issue in the International Journal of Emerging Technology and Advanced Engineering (IJETA/E) (UGC approved open access online Journal). The Authors are required to submit the papers by following Author guidelines of the journal