



# *Touch the skies*

CIVIL ENGINEERING DEPARTMENT NEWS LETTER

2016-17 | JULY -DECEMBER 2016 |



## **HOD s Message:**



This newsletter published for the year 2016-17 is dedicated entirely to the subject of structures. Especially buildings. In the prior edition historical prominent buildings were discussed. Current edition is entirely dedicated to the amazing buildings constructed.



## DEPARTMENT MISSION

"An integrated development of Civil Engineering Professionals with technological knowledge and managerial skills; possessing environmental, ethical and human values".



## DEPARTMENT VISION

"To enrich the society through Civil Engineering education for socio-economic development and welfare of the people."

## PROGRAM EDUCATIONAL OBJECTIVES

- I. To provide basic scientific training to the students so as to solve Civil Engineering problems with scientific outlook rather than mere continuation of traditional practices.
- II. To provide training in basic engineering sciences so that students apply the concepts of basic engineering sciences to the solution of Civil Engineering problems.
- III. To train the students in the broad areas of Civil Engineering and inter-disciplinary areas.
- IV. To mould the students professionally competent with managerial and communication skills.
- V. To train the students to mitigate natural /environmental disasters and to inculcate professional ethics and human values.

## PROGRAM OUTCOMES

- Graduates will have an ability to apply the knowledge of basic sciences like Physics, Mathematics and Chemistry for the solution of Civil Engineering Problems.
- Graduates will have sound knowledge in basic engineering sciences like Engineering Mechanics, Solid Mechanics, and Fluid Mechanics to solve Civil Engineering problems.
- Graduates will have generalized knowledge in Civil Engineering and inter-disciplinary knowledge to design and execute Civil Engineering Projects.
- Graduates will have an ability to design and conduct experiments as well as to analyse and interpret data.
- Graduates will have an ability to demonstrate knowledge and understanding of engineering and management principles and apply these principles in their profession.
- Graduates will have an ability to identify, formulate and solve engineering problems.
- Graduates will have requisite knowledge to pursue Post-graduate / Research Programmes and for life-long learning.
- Graduates will have computational and drafting skills.
- Graduates will be professionally competent with managerial and communication skills.
- Graduates mitigate environmental problems and natural disasters like earthquakes, cyclones and floods.
- Graduates perform professional duties with environmental, ethical and human values.
- Graduates will have broad education necessary to understand the impact of Civil Engineering solutions in global societal context.

*WE THE CIVIL ENGINEERS  
ENJOY TO TOUCH  
THE HEIGHTS OF  
SKIES*

*!!!!!!!!!!!!!!*

## Eton Place Dalian

- *Eton Place Dalian is a skyscraper complex in Dalian, China.*
- *The tallest tower is 388 m high and has 81 floors.*
- *It was completed in 2015.*
- *The tower shares a podium with Eton Place Dalian Tower 2, or Super tower Two, which is a high-end residential project offering serviced apartments and small office/home office (SOHO) accommodations.*



## Federation Tower

- *The Federation Tower is a complex of two skyscrapers built on the 13th lot of the Moscow International Business Center (MIBC) in Moscow, Russia.*
- *The two skyscrapers are named Tower East and Tower West*
- *The supertall skyscraper Tower East (Vostok) is currently the second tallest skyscraper in Europe and Russia after Lakhta Center, and the 46th-tallest building in the world. Zapad is a shorter skyscraper than Vostok and is the 11th-tallest building in Russia..*





# Guangzhou Chow Tai Fook Finance Centre

- The Guangzhou CTF Finance Centre is situated on a 290,000-square-foot (27,000 m<sup>2</sup>) lot along Zhujiang East Road in Zhujiang New Town, Guangzhou's central business.
- The Guangzhou CTF Centre is part of the Guangzhou Twin Towers.
- The other tower of the pair, the 1,439-foot (439 m) tall Guangzhou International Finance Center, is located on the other side of the axis and is also known under the name "West Tower".



# Wuhan Center

- Wuhan Center is a super tall skyscraper in Wuhan near Wuhan Business District Station in Jianghan District, Wuhan, Hubei, China.
- The skyscraper's construction started in 2009, and is due to be completed by 2017.
- It is now the tallest building in Central China, and the first building in Wuhan to exceed 400 meters (1312 feet)





## **Guest Lectures Delivered**

- Principal Dr. K. Srinivasu delivered a guest lecture on 'Introduction of Computer Applications in Civil Engineering' to enlighten the B.Tech Civil Engineering students organized by Kallam Haranadha Reddy Institute of Technology, Guntur on 18 December, 2016.
- Prof M.Rama Rao, delivered a theme lecture on 'Geotechnical Engineering through Mind Maps' in Indian Geotechnical Conference (IGC 2016), organized by IIT Madras during 15-17 December, 2016.
- Prof M.Rama Rao, delivered a theme lecture on 'Mind Map-Flower of Intelligence' in a FDP Programme organized by Vardhaman Engineering College, Shamshabad on 9 December, 2016.
- Principal K.Srinivasu acted as Chief Guest for the two day International Conference 'IC KITS' organised by Civil Engineering Department , KKR and KSR Institute of Technology and Sciences during 11-12 November,2016
- Prof M.Rama Rao, delivered a guest lecture on 'Multiple Intelligence' organized by Vignan University, Vadlamudi, on 25 October, 2016.
- Prof M.Rama Rao, delivered a session lecture on 'A few case studies in expansive soils' in one day National Seminar on case studies in Geo-technical Engineering Practice, organized by Tirumala Engineering College, Narasaraopet, on 22 October, 2016.

- Prof M.Rama Rao, delivered a guest lecture on 'Mind Map' organized by Vishvodaya Engineering College, Kavali, on 3 October, 2016.
- Prof M.Rama Rao, delivered a guest lecture on 'Mind Maps-keys for Success' organized by Loyola Institute of Engineering and Technology, Sattenapalli, on 15 July, 2016.

## **Research Paper Publications**

- A research paper on 'Blending of Functionally Graded Spherical Shells' written by Professor K.S.Sai Ram, P.G students, B.Swathi, K.P.Manjusha, Principal Dr.K.Srinivasu, was published in Journal of Aerospace Sciences of Aeronautical Society of India, Vol.68, Issue3, pp.181-193, ISSN 0972-950X, August 2016.

## **Paper Presentations in Conferences**

- Principal, Dr. K.Srinivasu, J.UshaKranti, Assistant Professor, A.Naga Sai, presented a paper on 'A Study on Properties of Copper Slag as Partial Replacement of Fine Aggregate with different Percentages in Concrete' at Structural Engineering Convention 2016, organized by CSIR - Structural Engineering Research Centre jointly with Indian Institute of Technology Madras, Anna University under the auspices of Indian Association for Structural Engineering (IASE) & Indian Concrete Institute (ICI) during 21-23 December, 2016. And the same was published in the proceedings with pp.710-715.

- Professor M.Rama Rao, P.Samatha Chowdary, Assistant Professor, presented a paper on 'Durability studies on Lime-Stabilized expansive soils using Rice husk ash and Stone dust as Additives' in IGC 2016 (Geotechnology through global standards) organized by IIT Madras during 15-17 December, 2016, and the same was published with pp.98 in souvenir of abstracts of invited and accepted papers.
- Professor, Dr.A.Srinivasa Prasad, K.Leela Krishna, Assistant Professor, presented a paper on 'Deriving Optimal Rule Curves of Nagarjuna Sagar Reservoir by GA" in National Conference on Water Resources Management in Coastal areas, organized by National Institute of Hydrology, Kakinada during 8-9 December, 2016.
- Conferences/Workshops Attended
- Assistant Professors, M. Suresh, G.Sanijya, attended a one day Conference on 'Ports and Logistics' organized by CII at hotel Fortune International Vijayawada on 29 November, 2016.
- Associate Professor, R.Surendra babu attended four day International Conference REDECON-2016 on 'Tall Structures' organized by Association of Consulting Civil Engineers India, (ACCI (I)) Bangalore, at Nimhans Convention Center, Bangalore, during 9-12 November, 2016.
- Associate Professor, R.Surendra babu, Bhaskar Singh B, Syed Syeed Ahammed, M.G.Harish, R. Vaishnava kumar, K. Ramesh babu, R.S. Saideep, B. Krishna

Chaitanya, G. Venkata Krishna, K. Anjaneyulu, R.Surendrababu, S.V. Satyanarayana, N.V. Sairamkumar, M.L.N. Krishna sai, R. Kalaivannan, J.Ushakranti, Y. Madhavi, K.Sushmithachowdary, N.Tejaswini, Assistant Professors, K.Sridevi -Technician-A, attended 5 day Skill Development Programme on 'RIVET Structures' organized by AP State Skill Development Centre (APSSDC), at RVR & JC College of Engineering, during 24-28 October, 2016.

- N. V. Sairamkumar, Assistant Professor attended a one week FDP on 'Advanced Software Training in Civil Engineering' under Industry Institute Interaction Program of TEQIP II-SC1.2 organised by Department of Civil Engineering, V.R.Siddhartha Engineering College, Vijayawada during 3-8 October, 2016.
- P.V.S.Maruthi Krishna, R. Surendra Babu, Associate Professors, M. Srikanth Kumar, K.Leela Krishna, U.Pallavi, Assistant Professors, attended one day Workshop on 'Environmental Studies: Innovative Teaching Methodologies' organized by RVR & JC College of Engineering on Oct 3 , 2016.
- Professor, Dr. A.Srinivasa Prasad, R. SurendraBabu, Associate Professor, M. Srikanth Kumar, K.Leela Krishna, Bhaskar Singh B, U.Pallavi, Assistant Professors, attended a National Seminar on 'March to Make in India through Engineering Advancements (MMIEA)' organized by RVR & JC college of Engineering during 29-30 September, 2016.

- Assistant Professors, K. Ramesh babu, R. S.Saideep, attended a Short Term Course on 'Recent Advancements in Soil Dynamics' organized by IIT, Kanpur during 13-17 September, 2016.
- Assistant Professors, Syed Syeed Ahammed, M.G.Harish, attended an one week FDP on 'Structural and Foundation Engineering' under TEQIP organized by Sri Vishnu College of Engineering for Women, Bheemavaram, during 25–29 July, 2016.
- Assistant Professors, M. Suresh , G.Sanijya, Y.Madhavi, P. Srilalkshmi, M.G.Harish, R. Vaishnava kumar, K. Sushmitha chowdary, N.Tejaswini, attended a four week FDP on 'Use of ICT in Education for Online and Blended Learning' organized by IIT Bombay through ICT at RVR & JC College of Engineering during 2 May – 10 July 2016.

## Result Analysis

Year	Total Appeared	Total Pass	Pass%
IV/IV B.Tech (VII Semester)	200	160	80
III/IV B.Tech (V Semester)	197	136	69.04
II/IV B.Tech (III Semester)	212	148	69.81
I/IV B.Tech (1 Semester)	173	79	45.66
I/II M.Tech 1 Semester	15	15	100

Dr,K.Srinivasu

H.OD,Civil

## TOUCH THE SKIES:

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