

News Letter - Civil Engineering Department details

July-December, 2017

1. Workshops/Seminars/Guest Lectures/Training Programs/Symposiums organized:

- The Dept of CE conducted guest lecture on “Soil Structure Interaction” is given by the Dr.C.Ravi Kumar Reddy, Professor, KHIT, Guntur on 20.07.2017.
- The ISTE Student Chapter, Dept of CE conducted Technical Quiz for III Year Civil Engineering Students during 23.07.2017.
- The Dept of CE conducted programmes viz., paper contest, poster presentation, technical quiz, CAD contest and model expo events for Civil Engineering Students on 15.09.2017 on the eve of Engineer’s day celebrations.
- The Dept of CE conducted One day Workshop on “Construction Technologies for speedy construction of structures” on 16.09.2017.
- A One day National workshop on “Awareness meet on legal rights of women” on 29th November 2017 organized by women’s cell, department of civil engineering in association with National commission for women, New Delhi.



- The Dept of CE conducted guest lecture on “An insight into sub soil explorations” is given by the Dr.G.V.R.Subba Rao, Professor, VRSEC, Vijayawada on 06.12.2017.



- The Dept of CE has organized “A 5 day certificate course on Land survey by using Total station” for the III year civil engineering students from 12.12.2017 to 16.12.2017. This course was conducted by the trainers from M/s. Ladder Survey Institute of Technology, Chennai.



2. Papers presented in Seminars/Conferences/Symposiums by the faculty:

- K.S.Prakash, presented a paper on “Replacement of Sand with Quarry dust in M30 Grade Concrete” in 2-day National Conference on Recent Innovations in Civil Engineering at GRIET, Telangana during 15.12.2017 to 16.12.2017.
- K.S.Prakash, presented a paper on “Stabilization of Black Cotton Soil by using Cement, Lime and Rice Husk in Flexible Pavements” in two day international conference on sustainable smart cities at VRSEC, Vijayawada during 28.12.2017 to 29.12.2017.
- K.S.Prakash, presented a paper on “A Study on Volume, Speed and Lane Distribution of Mixed Traffic Flow by using Video graphic Technique” in two day international conference on sustainable smart cities at VRSEC, Vijayawada during 28.12.2017 to 29.12.2017.
- K.S.Prakash, presented a paper on “Optimization of Urban Public Transportation System in Vijayawada - A Case Study” in two day international conference on sustainable smart cities at VRSEC, Vijayawada during 28.12.2017 to 29.12.2017.

3. Workshops/Seminars/Conferences/Faculty Development Programmes attended by the faculty:

- Mr.S.N.Prashanth, Dept of CE, attended Workshop on “Polavaram Project-Vision to execution” conducted by Institution of Engineers Local chapter, Vijayawada on 15.07.2017.
- Mr.K.N.A.G.K.Manikanta, Dept of CE, attended Workshop on “Mean Stack Development” organized by PVPSIT Vijayawada on 17.07.2017.
- Mr.A.Sreenivasulu, Mrs.K.Aparna Srivastav and Ms.K.Divya, Dept of CE, attended 2-day Workshop on “Finite Element Analysis of Structures (FEAST)” conducted by PVPSIT on 03.08.2017 to 04.08.2017.

- Mr.K.N.A.G.K,Manikanta, Dept of CE, attended 5-day GIAN course on “FRP Technology for Strengthening and Rehabilitation of Structures” conducted by NIT Warangal on 21.08.2017 to 25.08.2017.
- Ms.G.V.R.Kumari, Dept of CE, attended 2-day National Workshop on “Practical Experience with Steel Structures” conducted by KHIT, Guntur on 18.12.2017 to 19.12.2017.
- Mr.K.N.A.G.K,Manikanta, Dept of CE, attended 5-day FDP on “Effective Teaching & Learning of Geotechnical Engineering using field practices” conducted by NIT Warangal during 06.12.2017 to 10.12.2017.
- Mr.S.N.Prashanth, Dept of CE, completed course on “Solid Waste Management in Salur Municipality” & “HLL- Sanitary napkin dispenser and incinerators” conducted by e-course portal of Swachh Bharath Mission, Government of India during December, 2017.

4. Publications by the faculty (National/International Journals/ Conferences):

- Dr.A.Adilakshmi, Dept of CE, published a paper on "Assessment of ground water quality in Deshmukhi village Nalgonda district, Telangana" in International Journal of Advancement in Engineering Technology, Management and Applied Science (IJAETMAS), ISSN: 2349-3224, Volume 04 - Issue 06, June-2017, pp. 69-83.
- Dr.A.Adilakshmi, Dept of CE, published a paper on "Design, manufacturing and analysis of bio-medical parts (3d printed bone and tooth) using additive manufacturing" in International Journal of Latest Trends in Engineering and Technology Vol.(8)Issue(4), pp.065-072, ISSN: 2278-621X.
- Dr.K.Ramesh et.al., published a paper on “Flexural Behaviour Of Reinforced Geopolymer Concrete Beams With Ggbs And Metakaolin” in proceedings of National conference SPACE 2017, ISBN 978-93-86638-25-0, pp. 24-29.
- Dr.K.Ramesh et.al., published a paper on “Effect of Alkali Activators on Compressive Strength of Geopolymer Mortars with GGBS and Metakaolin” in Proceedings of the 6th World Conference on Applied Sciences, Engineering and Technology 26-27 August 2017, UMPO, Indonesia, ISBN 13: 978-81-930222-3-8, pp 062-064.
- G.V.R.Kumari, Dept of CE, published a paper on "Mapping and Modelling of ground water pattern using geo spatial technology" in International Journal of Civil Engineering and Technology, Volume 8, Issue 9, September 2017, pp. 110–115.
- G.V.R.Kumari, Dept of CE, published a paper on "Sustainable management of ground water resources using geo spatial technology" in International Journal of Civil Engineering and Technology, Volume 8, Issue 9, September 2017, pp. 286–292, (Scopus Indexed)

- K.Shyam Prakash, Dept of CE, published a paper on "Replacement of Fine Aggregate by using Recyclable Materials in Paving Blocks" in IOP Conf. Series: Materials Science and Engineering (2017), doi:10.1088/1757-899X/225/1/012157.
- K.Shyam Prakash, Dept of CE, published a paper on " Strength Characteristics of Quarry Dust in Replacement of SandReplacement of Fine Aggregate by using Recyclable Materials in Paving Blocks" in IOP Conf. Series: Materials Science and Engineering (2017) 012074 doi:10.1088/1757-899X/225/1/012074.
- K.Ramesh, Dept of CE, published a paper on "Flexural Behaviour of Reinforced Geopolymer Concrete beams with GGBS and Metakaolin" in Journal of Engineering Science and Researches.Vol.4, No.10.PP.119-128.
- S.N.Prashanth, published a paper on "A study on conventional and non-conventional energy and carbon dioxide emissions in Visakhapatnam" in International Journal of Modern Trends in Engineering and Research, Volume 04, Issue 12, [December– 2017] ISSN (Online):2349–9745; ISSN (Print):2393-8161.
- K.S.Prakash, published a paper on "A Study on Volume, Speed and Lane Distribution of Mixed Traffic Flow by using Video graphic Technique" in International Journal of Engineering and Technology, 2017.
- K.S.Prakash, published a paper on "Stabilization of Black Cotton Soil by using Cement, Lime and Rice Husk in Flexible Pavements" in International Journal of Engineering and Technology, 2017.
- Dr.K.Ramesh et.al., published a paper on "Flexural Behaviour Of Reinforced Geopolymer Concrete Beams With Ggbs And Metakaolin based Geopolymer concrete" ARPN Journal of Engineering and Applied Sciences.Vol.12, No.7, ISSN 1819-6608., pp. 2052-2062.

5. Faculty Achievements (Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Judge or Resource person etc.):

- Dr.K.Ramesh, Professor and Head, Delivered a guest lecture on "Guidelines for earthquake resistant buildings" at Dhanekula College of Engineering in the month of October 2017.
- Dr.K.Ramesh, Professor and Head, Delivered a guest lecture on "Design of RCC buildings with reference to latest codes of practice and detailing of RCC structures" at Kallam haranadha reddy College of Engineering, Guntur in the month of October 2017.

- Dr.K.Ramesh, Professor and Head, Delivered a guest lecture on “Basics of reinforced concrete design with reference to IS:1893-2012” .a College of Engineering in the month of October 2017.
- Mr.A.Sreenivasulu, Associate Professor, Department of Civil Engineering, has delivered a Lecture on “Recent Advancements in Structural Engineering” at Sunflower College of Engineering and Technology, Lankapalli on 13.07.2017.



6. Industrial Visits:

- The III Year Civil Engineering Students, Dept of CE, visited Pattiseema and Polavaram project accompanied by staff members K.V.Subash, K.Divya and D.S.N.Babu on 28.07.2017.



- The 2nd Year B.Tech Civil engineering students along with staff members (K. Shyam Prakash, M. Sai Narendra, D. Jaya Krishna, G. V. Ratna Kumari) visited Ultra Tech Concrete Pvt. Ltd. on 21.09.2017.



- The III Year Civil Engineering Students, Dept of CE, visited Vijayawada Railway Station accompanied by staff members Mr.K.S.Prakash, Mr.M.S.Narendra, Mr.D.J.Krishna and Mr. D.S.N.Babu on 23.12.2017.



- The Civil Engineering Students visited 60 years celebration of Prakasam Barrage invited by Water Resources Department, Govt of AP accompanied by staff members Mr.D.J.Krishna on 23.12.2017.

7. Students selected for GATE/IELTS/GRE/TOEFL and other competitive Examinations: -

8. MOUs Signed:

- Indian Green Building Council (IGBC) of Confederation of Indian Industry (CII) for the year 2017.
- Ladder Land Surveys Pvt.Ltd., Chennai.

9. Students' achievements:

a) Literary and Cultural Activities/Academic awards:

- B.Prashanth Kumar, III Year CE Student secured 2nd prize in Essay Writing conducted by Gora Science centre, Vijayawada on 26.07, 2017.
- Mrs.K.Aparna Srivastav, Dept Cultural Coordinator conducted Cultural Programme for Civil Engineering Students at PVPSIT on 05.08.2017.
- G.V.N.Manichandra, V.Kotaih and B.P.Kumar, III Year CE Students participated in 'Poster Presentation' event of VIVA VVIT 2017-18 conducted by VVIT, Nambur on 22.12.2017.

- G.V.N.Manichandra, V.Kotaih and B.P.Kumar, III Year CE Students secured 2nd prize in ‘Minute to win it’ event of VIVA VVIT 2017-18 conducted by VVIT, Nambur on 21.12.2017.

b) Presentation/Participation in Seminars/Conferences/Workshops:

- The III Year Civil Engineering Students, Dept of CE, attended Workshop on “Polavaram Project-Vision to execution” accompanied by staff S.N.Prashanth conducted by Institution of Engineers Local chapter, Vijayawada on 15.07.2017.
- P.Udaykiran, M.Hardeepkumar and A.Saichandu of IV Year B.Tech CE won 1st prize in Gora Science model exhibition in Vijayawada on 16.09.2017.



10: Others, if any: