

News Letter - Civil Engineering Department details

July-December, 2016

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

- The **2-Day Workshop on E-tabs** for Civil Engineering students conducted from 23rd to 24th December 2016 organized by Dept of CE, PVPSIT in coordination with Robkart.com and E-Cell IIT Bombay.



- The Department of CE conducted **Guest lecture on “Watershed and Canal Irrigation Management”** by Er.K.Srinivasa Rao, Superintending Engineer, Water Resources Division, Vijayawada on 17th September, 2016.
- The Department of CE conducted **Guest lecture on “Recent trends in Civil Engineering”** by Er.D.Kaasi Visweswara Rao, Chief Engineer, APCRDA on 29th September, 2016.



2. Workshops/Seminars/Conferences/Faculty Development Programs attended by the faculty:

- **Mr.S.N.Prashanth**, Dept of CE, attended AICTE sponsored FDP on “Computer Oriented Applications in Civil Engineering” organized by VNR VJIET Hyderabad during 16-05-2016 to 28-05-2016.

- **Mrs.K.Aparna Srivastav**, Dept of CE, attended Summer Research fellowship under the guidance of Dr.K.Bhattacharya, Professor at IIT Kharagpur during 02-05-2016 to 26-06-2016.
- **Mr.K. Shyam Prakash**, Dept of CE, attended industrial training under the guidance of Mr. Manne Narasimha Rao, Deputy Engineer at Tenali Municipality during 01-05-2016 to 06-06-2016.
- **Mr.A.Sreenivasulu**, Dept of CE, Attended a 5 Day Short course on “Earthquake Resistant Design of Buildings” organized by Earthquake Engineering Research Centre (EERC) of IIIT Hyderabad from 19.09.2016 to 23.09.2016.
- **Mr.A.Sreenivasulu**, Dept of CE, Attended One Day Workshop on “Earthquake Resistant Design of Structures (Draft IS: 1893-2016)” organized by Earthquake Engineering Research Centre (EERC) of IIIT Hyderabad on 24.09.2016.
- **Mr. K.Vijaya Kishore**, Dept of CE, Attended One week FDP on “Advanced Software Training in Civil Engineering” organized by VRSEC Vijayawada from 3.10.2016 to 8.10.2016.
- **Ms. G.V.R.Kumari**, Dept of CE, attended the 2nd AP Science Congress (APSC-2016) on “Science & Technology for Health” organized by AP Academy of Sciences held at PB Siddhartha College of Arts & Sciences, Vijayawada during 07.11.2016 to 09.11.2016.
- **Mrs. Ch.Vijaya Lakshmi**, Dept of CE, Attended Two Day Workshop on “Linux Administration” organized by PVPSIT Vijayawada from 8.12.2016 to 9.12.2016.
- **Mr.A.Sreenivasulu**, Dept of CE, Attended the Conference on “Civil Engineering for Sustainability” organized by the Department of Civil Engineering of Andhra University, Visakhapatnam on 09.09.2016.

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

- **Mr.A.Sreenivasulu**, Dept of CE, published a paper on “An experimental study on the performance of M100 concrete at elevated temperature” in Journal of Structural Engineering, Vol. 43, No. 2, June - July 2016 pp. 221-226.
- **Mr.K.V.Subash**, Dept of CE, presented a paper on “Development of Self Compacting Concrete using Metakaolin and Fly ash” in National Conference on ‘Modern Concretes-Driving Profit and Sustainability’ during August 26th to 27th, 2016 at VNR VJIET, Hyderabad.
- **Mr.K.V.N.L.Naik**, Dept of CE, presented a paper on “Compaction behaviour of expansive soil using tannery effluent” in National Conference on ‘Civil Engineering for sustainability’ on 09.09.2016, at College of Engineering, Andhra University, Visakhapatnam.

- **Mr.K.Shyam Prakash**, published a paper on "Study on Compressive Strength of Quarry Dust as Fine Aggregate in Concrete" in Advances in Civil Engineering, vol. 2016, Article ID 1742769, 5 pages, 2016. doi:10.1155/2016/1742769.
- **Ms.G.V.Ratna Kumari**, Dept of CE, presented a paper on “Assessment of Ground Water and Surface Water in Andhra Pradesh Core Capital Region, Amaravati by Using GIS Applications” in 1st Indian National Ground Water Conference on ‘Sustainable Development and Management of Groundwater Resources in Arid and Semi-Arid Regions’ on 05.10.2016, at JNTU Hyderabad.
- **Dr.K.Ramesh**, Dept of CE, published a paper on "Experimental Study on Strength Properties of Metakaolin and GGBS based Geo polymer Concrete" in ARPN Journal of Engineering and Applied Sciences, Vol.11, No.21, November 2016.
- **Ms.G.V.RatnaKumari**, Dept of CE, published a paper on " Field kits for water quality monitoring–A novel approach" in International Journal of Scientific Research, Volume : 5 | Issue : 12 | December-2016 • ISSN No 2277 – 8179
- **Ms.G.V.RatnaKumari**, Dept of CE, published a paper on "Urban management planning using geospatial technology for part of Hyderabad city, Telangana" in International Journal of Scientific Research, Volume : 5 | Issue : 12 | December-2016 • ISSN No 2277 – 8179
- **Dr.K.Ramesh**, Dept of CE, published a paper on "Durability Studies of GGBS and Metakaolin based Geo polymer Concrete" in International Journal of civil Engineering and Technology, Volume 7, Issue 6, January 2017.
- **Mr.K.ShyamPrakash**, Dept of CE, published a paper on "Partial replacement of fine aggregates with quarry dust in concrete pavements" in International Journal of Engineering Research, issue 12, Vol 5, 2016.
- **Mr.K.Shyam Prakash**, Dept of CE, presented a paper on "Replacement of Fine Aggregate by using Recyclable Materials in Paving Blocks " and “Strength Characteristics of Quarry Dust in Replacement of Sand” in International Conference on Advanced Material Technologies (ICAMT)-2016 held during 27th and 28th December 2016 in Visakhapatnam.

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

- **Dr. K.Ramesh**, Dept of CE, presented a guest lecture on “Guidelines on Earthquake Resistant Buildings” to SRK Institute of Technology, Vijayawada on 29th July, 2016.



5. Industrial Visits:

- The **III year** Civil Engineering Students, Dept of CE, visited Ultratech Company, Mangalagiri accompanied by staff members Mr.S.N.Prashanth, Mr.K.Shyam Prakash and Mr.M.Sai Narendra on 11.11.2016.



- The **II Year** Civil Engineering Students, Dept of CE, visited Ultra Tech Company accompanied by staff members Mr.S.N.Prashanth and Mr.K.Shyam Prakash on 07.10.2016.
- The **IV Year** and **III year** Civil Engineering Students, Dept of CE, visited Poalavaram dam project site and Pattiseema site accompanied by staff members Mr.A.Sreenivasulu, Mr.S.N.Prashanth, Mrs.K.Aparana Srivastav, Ms.G.V.Ratna Kumari and Mr.M.Sai Narendra on 02.09.2016.



- The **IV Year** and **III year** Civil Engineering Students, Dept of CE, visited Precast concrete Structures of R&B Building in Vijayawada accompanied by staff members Mr.A.Sreenivasulu, Mr.S.N.Prashanth, Mr.K.V.Subash, Mr.K.Shyam Prakash, M.Sai Narendra, Ms.Ch.Sumasree on 30.09.2016.



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

7. MOUs Signed:

- Silicon Andhra, Silicon Valley, USA

8. Students' achievements:

a) Literary and Cultural Activities/Academic awards:

- **K.Sai Neeharika**, IVYr, Dept of CE, contributed services to Chapter of Make a Difference during the annual year 2015-16.
- **D.Ramnadh Reddy**, IVYr, Dept of CE, successfully completed the course with consolidated score of 93% in Project Planning and Control conducted NPTEL funded by MHRD.

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

- **S.M.Asif**, IV Yr, Dept of CE, secured 2nd prize in Group Discussion of ISTE Student Chapter on 24th June 2016 at PVPSIT, Vijayawada.
- **D.Ramnadh Reddy**, IVYr, Dept of CE, secured 1st prize in paper presentation at VIVA VVIT 2016-17 organized by Vasireddy Venkatadri Institute of Technology, Nambur during 21st & 22nd December 2016.

10: Others, if any:

- The grants in aid released to 2 Minor research projects for the year 2016-17 by UGC submitted by **Mr.A.Sreenivasulu** and **Ms.G.V.R.Kumari**.
- The staff and IV Year students, Dept of CE, conducted survey for road and drainage works in Kuchipudi village in association with Silicon Andhra Valley accompanied by staff members **Mr.A.Sreenivauslu** and **Mr.S.N.Prashanth** from 17.10.2016 to 19.10.2016.

కూచిపూడి సమస్యల పరిష్కారం దిశగా 'సిలికానాంధ్ర'



సర్వే నిర్వహిస్తున్న విద్యార్థులు

కూచిపూడి : ప్రపంచ ప్రఖ్యాతి గాంచిన నాట్యక్షేత్రం కూచిపూడి ఎదుర్కొంటున్న మురుగునీటి పారుదల సమస్యను పరిష్కరించేందుకు సిలికానాంధ్ర దృష్టి సాగింది. గ్రామంలోని ప్రతి ఇంటి నుంచి వెలువడే మురుగు నీటిని గ్రామ శివారుకు తరలింపేందుకు గతంలో ఏర్పాటు చేసిన డ్రైనేజీ వ్యవస్థ సక్రమంగా లేకపోవడంతో దీనిని ప్రక్షాళన చేసి, మురుగు నీలవకుండా తరలిస్తారు.

• కూచిపూడి డ్రైనేజీ వ్యవస్థపై పీవీపీ కళాశాల విద్యార్థుల సర్వే

లిపోయేందుకు ప్రణాళికను రూపొందించ నుంది. సిలికానాంధ్ర వ్యవస్థాపక చైర్మన్ కూచిపూట్ల ఆనంద్ సూచనల మేరకు విజయ వాడ కామారుకు చెందిన పీవీపీ సిద్ధార్థ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ విద్యార్థుల బృందం మంగళవారం గ్రామంలోని పలు ప్రాంతాల్లో సర్వే నిర్వహించింది. ఈ సందర్భంగా కళాశాల అసిస్టెంట్ ప్రొఫెసర్లు ఎ.శ్రీనివాస్, ఎస్.ప్రకాశ్ మాట్లాడుతూ కళాశాలకు చెందిన సివిల్ నాలుగో సెమెంట్ విద్యార్థులు నిర్వహించే ప్రాజెక్టులో భాగంగా ఈ సర్వేను నిర్వహిస్తున్నట్లు తెలిపారు. కార్యక్రమంలో సిలికానాంధ్ర చీఫ్ ఇంజనీర్ లోల్లా మురళీమోహన్, డిప్యూటీ చీఫ్ ఇంజనీర్ తదితరులు పాల్గొన్నారు.

డ్రైనేజీ నిర్మాణంపై సర్వే



సర్వే నిర్వహిస్తున్న అధ్యాపకులు, విద్యార్థులు

కూచిపూడి: సిలికానాంధ్ర ఆధ్వర్యంలో కామూరు పి.వి.పి.సిద్ధార్థ కళాశాల విద్యార్థులు మంగళవారం కూచిపూడిలో రహదారులు, డ్రైనేజీ నిర్మాణ పనులపై సర్వే నిర్వహించారు. మూడురోజులపాటు జరిగే ఈ సర్వేలో మురుగునీరు నిల్వ ఉండకుండా పల్లప ప్రాంతానికి ప్రవహించే విధంగా లెవల్స్ చూసి మ్యాప్ను రూపొందించనున్నట్లు కళాశాల అసోసియేట్ ప్రొఫెసర్ శ్రీనివాసులు, అసిస్టెంట్ ప్రొఫెసర్ ప్రశాంత్లు తెలిపారు. గతంలో ఈ కళాశాలకు చెందిన విద్యార్థులు కూచిపూడి గ్రామంలో జియో ట్యాగింగ్ నిర్వహించారు. సిలికానాంధ్ర చీఫ్ ఇంజనీర్ లోల్లా మురళీమోహన్, సభ్యులు చోతుల అనన్య శశికిషన్ తదితరులు పాల్గొన్నారు.