



# Civil Quest

**NEWS LETTER OF CIVIL ENGINEERING DEPARTMENT, K L UNIVERSITY**

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## **FROM THE EDITOR:**

I am happy to present our monthly news letter, the Civil Quest, for the month of January 2018 of Civil Engineering Department.

Department welcomes the new faculty who joined our team recently. Faculty & student achievements & some of the department activities are highlighted in this issue.

I am thankful to the contributors and look forward for more inputs for the future issues of Civil Quest.

**Dr. V.Ranga Rao**  
**Editor – Civil Quest**

## **VISION OF THE DEPARTMENT**

To impart technical education in cutting edge technologies, inculcating applied research, scholarly inquiry, creative endeavor, through the knowledge and values based moulding of students and make an imprint in the economic and social development of the Nation.

## **SHORT TERM GOALS**

- To encourage faculty of the department to attend Academic Conferences, Seminars, Summer & Winter Schools, and other training programs
- To offer Research-oriented Projects for final year B-Tech students
- To emphasize on Soft Skills and Communication abilities of students
- To provide continuous training and reorientation to the Faculty to keep up with the modern trends

## **LONG TERM GOALS**

- To interact with industries and sign MOU's for collaborative programs
- To obtain live-projects from Industry
- To introduce more P.G. Courses in the Department
- To improve infrastructure further for Consultancy work
- To conduct International, National Conferences and Short Term Courses (Winter & Summer) regularly
- To add advanced software in the Department over and above the Curriculum
- To add non-destructive testing equipment's in the concrete laboratory
- To maintain the standards required by NBA and NAAC

## **DEPARTMENT PROFILE**

The Department of Civil Engineering was established in 1980 with an intake of 60 students and 5 Faculty. The department has been successful in producing the excellent and well-trained graduates. Today we have 630 Students and thirty-one members of teaching staff drawn from premium institutes throughout India out of whom three are Professors, eight are Associate Professors and Twenty are Assistant Professors. Fifteen staff members are having more than ten years experience, seven are doctorates and Thirteen pursuing PhD's.

The departmental activities embrace Testing, Planning, Design, Construction and Management. The Department offering Courses for Graduates in civil Engineering, Post graduates in Structural Engineering and PhDs in civil Engineering. The department has flexible syllabus for the students to get placed for their post graduation in specialized branches of civil engineering like Structural Engineering, Geotechnical Engineering, Transportation Engineering, Environmental Engineering etc.

The department has well equipped laboratories. Many of our alumni hold prestigious positions in leading academic institutions, industry and government in different countries all over the world.

## **ACADMICS AND ACHIVEMENTS:**

- The department of Civil Engineering, K L University is ISO certified and accredited for two times by NBA, and NAAC with "A" Grade and CGPA (3.76 / 4.00)
- The department has a track record of generating highest revenue in terms of Consultancy at K L University and also providing testing services for expansion of its infrastructure.
- Consistent in providing 100% placements for consecutive six years in construction companies such like L&T, HCC, TECHNIP, GMR, SP, ESSAR, CCCL, TCE, etc. along with other IT & Infra related companies and R&D organizations
- The entire faculty of the department are well qualified in their PG and/or Ph D from reputed Universities, where more than 50% of them are from IITs with M-Tech as a minimum qualification

Around 200 research papers were published by faculty of the Department in reputed and refereed International / National Journals, and also submitted innovative projects to the Department of Science and Technology (DST), Government of India in the last two years

**DEPARTMENT LEVEL ACTIVITIES****1. CONSULTANCY WORKS**

Consultancy Tests Conducted In Our Department for Different Clients from the Period July 2017 to September 2017

<b>K L UNIVERSITY</b>			
<b>DEPARTMENT OF CIVIL ENGINEERING</b>			
<b>Particulars of Consultancy for period from October 2017 to December 2017</b>			
<b>S. No.</b>	<b>Date</b>	<b>Name of the Client</b>	<b>Tests</b>
1	05-10-2017	LOKAPRIYA PROJECTS	Testing water for construction
2	07-10-2017	ADITHYA CONSTRUCTIONS	Concrete Cubes Testing
3	07-10-2017	CHILAKALURIPET MUNICIPALITY	Concrete Mix Design ,Steel and water
4	07-10-2017	MEGHA INFRA PROJECTS	Concrete Cubes Testing
5	09-10-2017	LOKAPRIYA PROJECTS	Testing water for construction
6	16-10-2017	SIRI BUILDERS AND DEVELOPERS TEDEPALLI	Concrete Cubes Testing
7	16-10-2017	FLYASH BRICKS INDUSTRY	Testing of Flyash Bricks
8	16-10-2017	CHILAKALURIPET MUNICIPALITY	Testing of Steel
9	17-10-2017	S.R.HOMES,MANGALGIRI.	Concrete Cubes Testing
10	17-10-2017	AP CRDA	Concrete Mix Design
11	18-10-2017	SUMMRUDHI BUILDERS	Concrete Cubes Testing
12	18-10-2017	APEWIDC	Testing on Soil (S.B.C)
13	24-10-2017	CONCRETE AND LIMELITE ,TADEPALLI	Testing on Aggregates
14	24-10-2017	M.MURALI KRISHNA	Testing on Soil
15	24-10-2017	HPCL	Investigation of Building
16	28/10/2017	SRI VENKATA TRIVENI FLY ASH BRICK INDUSTRY	Test on Cement (5 samples)
17	30/10/2017	JYOTHI INFRA	Test on Cement (1 sample)
18	30/10/2017	VVSPL SURYAPET	Testing on Steel
19	11-02-2017	SRINIVASA EDIFICE PRIVATE Ltd.	Testing on Ballast
20	11-02-2017	NARASARAOPET MUNICIPALITY	Concrete Mix Design ,Steel
21	11-02-2017	V S ENGINEERING Pvt Ltd.	Testing on Ballast
22	11-02-2017	HPCL R.Yadukondalu	Proposed Toilet Drawings
23	11-02-2017	HPCL	Concrete Cubes Testing

24	11-03-2017	HPCL	Concrete Cubes Testing
25	11-08-2017	SHESHTA HOMES,MANGALAGIRI.	Concrete Cubes Testing
26	11-08-2017	V K S AND SONS RETAIL OUTLET,VIJAYAWADA.	Testing on water for Drinking Purpose
27	11-11-2017	V S ENGINEERING Pvt Ltd.	Testing on Soil
28	11-11-2017	SIRI BUILDERS AND DEVELOPERS	Concrete Cubes Testing
29	14/11/2017	V K S AND SONS RETAIL OUTLET,VIJAYAWADA.	Testing on water for Drinking Purpose
30	14/11/2017	NARASARAOPET MUNICIPALITY	Concrete Mix Design ,Steel
31	16/11/2017	AP CRDA	Testing on Steel
32	16/11/2017	LAXMI ANJANA TUBEWELL WORKS	Testing on Soil
33	20/11/2017	HPCL GOPAL TECHNO	Concrete Cubes Testing
34	20/11/2017	R G CONSTRUCTIONS	Concrete Cubes Testing
35	22/11/2017	FOOD CORPORATION OF INDIA	Testing of Beams,Concrete Mix Design
36	23/11/2017	PAVILION INFRA Pvt.Ltd VIJAYAWADA	Investigation of Chaithanya college Building Gollapudi including Drawings
37	24/11/2017	SANDHYA SOIL ENGINEERING WORKS	Testing on Soil
38	25/11/2017	NARASARAOPET MUNICIPALITY	Concrete Cubes Testing
39	25/11/2017	PRAJASAKTHI SAHITHI SAMSTA,VADESWARAM	Concrete Cubes Testing
40	27/11/2017	SANDHYA SOIL ENGINEERING WORKS	Testing on Soil
41	27/11/2017	NEHA CONSTRUCTIONS	Testing on Soil (S.B.C)
42	28/11/2017	HPCL	Measurement of Mounded Storage Settlement,HPCL
43	28/11/2017	SANDHYA SOIL ENGINEERING WORKS	Testing on Soil
44	12-07-2017	SRINIVASA EDIFICE,VIJAYAWADA	Testing on Ballast

45	12-07-2017	SRINIVASA EDIFICE,VIJAYAWADA	Testing on Ballast
46	12-07-2017	FOOD CORPORATION OF INDIA,VIJAYAWADA	Concrete Mix Design
48	12-07-2017	FOOD CORPORATION OF INDIA,VIJAYAWADA	Concrete Mix Design
50	12-08-2017	SANDHYA SOIL ENGINEERING WORKS	Testing on Soil
51	12-08-2017	CONCRETE AND LIMELIGHT PROJECTS,TADEPALLI.	Testing Of sand and Red Bricks.
52	12-09-2017	SIRI BUILDERS AND DEVELOPERS	Concrete Cubes Testing
53	12-12-2017	FOOD CORPORATION OF INDIA,VIJAYAWADA	Concrete Beams Testing
54	13/12/2017	NARASARAOPET MUNICIPALITY	Concrete Mix Design and Steel
55	13/12/2017	NARASARAOPET MUNICIPALITY	Concrete Cubes Testing
56	14/12/2017	CONCRETE AND LIMELIGHT PROJECTS,TADEPALLI.	Testing on Cement and Red Brickd
57	14/12/2017	APCRDA,GOLLAPUDI	Testing on Steel and Concrete Cubes
58	14/12/2017	S R HOMES,MANGALAGIRI	Testing on Steel
59	15/12/2017	HPCL,SURYAPET	Concrete Cubes Testing
60	15/12/2017	HPCL,KONDAPALLI	Drawings for Existing Mounded Storage Tank
61	15/12/2017	HPCL,KONDAPALLI	Drawings for Existing Mounded Storage Tank
62	15/12/2017	HPCL,KONDAPALLI	Drawings for Existing Mounded Storage Tank
63	15/12/2017	T L C PROJECTS,GUNTUR	Testing on Sand,Coarse Aggregate and Red Bricks
64	16/12/2017	AMARRAJ PROJECTS,MANGALAGIRI	Testing on
65	18/12/2017	SRINIVASA EDIFICE,VIJAYAWADA	Testing on Ballast
66	18/12/2017	SRINIVASA EDIFICE,VIJAYAWADA	Testing on Ballast
67	20/12/2017	FEED BACK INFRA,HYD	Testing on Soil (SPT)

68	20/12/2017	FOOD CORPORATION OF INDIA,VIJAYAWADA	Concrete Beams Testing
69	22/12/2017	HPCL,KONDAPALLI	NDT Test on Existing Building
70	23/12/2017	CONCRETE AND LIMELIGHT PROJECTS,TADEPALLI.	Testing on Sand,Steel and Cement
71	23/12/2017	SANDHYA SOIL ENGINEERING WORKS	Testing on Soil (SPT)
72	28/12/2017	SRI SRINIVASA ENTERPRISES	Testing on Red Bricks
73	28/12/2017	VMC	Testing On Core Cutters

## 2.FACULTY PUBLICATIONS

1. "A comparative study for evaluation of different form work systems utilization in construction projects" International Journal of Mechanical Engineering and Technology page no 21-29, 8(11) Scopus November 2017, SS. Asadi, PV. Praneeth.
2. "Materials management of power transmission line construction project: a model study from rampura to jagalur power transmission line construction" International Journal of Mechanical Engineering and Technology page no 67-77, 8(11) Scopus November 2017, SS. Asadi, M. Siva Krishna Reddy.
3. "An analytical approach for environmental pollution control through solid waste management: a model study" International Journal of Mechanical Engineering and Technology page no 579-590, 8(11) Scopus November 2017, K. Yugandhar Reddy,K.V.S.G. Murali Krishna,I. Srinivasa Reddy, SS. Asadi.
4. "An analytical study for evaluation of factors influencing the customers to utilization of e-commerce sites" International Journal of Mechanical Engineering and Technology (IJMET) page no 184-196, 12(8) Scopus December 2017, K. Rajyalakshmi, D. Prasanna Kumar & SS. Asadi.
5. "Evaluation of latest trends and developments in lean construction in india: a model study" International Journal of Civil Engineering and Technology (IJCIET) page no 461-462, 8(10) Scopus December 2017 K. Shyam Chamberlin, SS. Asadi, D. Sai Chaitanya.

### 3. GUEST LECTURES

Department of Civil Engineering Organized a GUEST LECTURE on 16<sup>th</sup> November 2017 at M304 in K L University. All the M. Tech Environmental and Geospatial Students have attended the Guest Lecture. The Chief Guest on this occasion was **Mr. Y. Kishore Kumar**, Industrial Expert, SOKKIA. The Welcome note was given by Dr. V. Ranga Rao, Professor in civil department, and introduced the chief guest. Honorable guest had delivered his speech on **Application of DGPS in Geospatial Technology**. He broadly explained about the DGPS application and their usage in mainly in Geospatial technology and also emphasis is given to the application of DGPS in Environmental Engineering.



### 4. EVENTS

#### 4.1. World Space Week (Oct 7<sup>th</sup> to 9<sup>th</sup> )

Each year, the World Space Week Association (WSWA) selects a theme for the upcoming World Space Week (WSW) to provide a focus of the activities and events that take a place throughout the world, during 4-10 October. WSWA is pleased to announce the 2017 World Space Week Theme: “Exploring New Worlds in Space”.

The 2017 World Space Week Theme is an outward facing theme that serves to inspire the World. It puts as a focal point astrophysics missions like New Horizons (NASA’s first mission to Pluto and the Kuiper Belt); feats on engineering such as Lockheed Martin’s Orion Multi-Purpose Crew Vehicle (NASA’s first spacecraft designed to facilitate long-duration, human-rated deep space exploration of new worlds) and efforts of New Space actors such as Space X (revolutionary space technology projects with ultimate goal of enabling people to inhabit other planets like Mars) and other entities with a vision for exploration and utilization of extra terrestrial resources, such as metals from asteroids, water from the Moon, and unlimited solar energy in Earth orbit.



**Inauguration of World Space Week**



**Science Exhibition**