



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 October 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. P. Polu Raju
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 equipments 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:

- Doctor of Philosophy degree has been awarded to Mr.A.Venkateswara Rao, Associated Professor, Department of Civil Engineering by Andhra University, Visakhapatnam, for his research work entitled "Behaviour of Fly Ash Concrete of M30 and M60 grades Exposed to Temperatures Up To 500°C

DEPARTMENT LEVEL ACTIVITIES

1. CONSULTANCY WORKS

Consultancy Tests Conducted In Our Department for Different Clients from the Period July 2018 to September 2018

K L UNIVERSITY			
DEPARTMENT OF CIVIL ENGINEERING			
Particulars of Consultancy for period from October 2017 to December 2017			
S. No.	Date	Name of the Client	Tests
1	07-04-2018	HPCL,LPG PLANT,IDA,KONDAPALLI	Settlement analysis for mounded storage tanks (2 No's)
2	07-04-2018	DEE,GUNTUR	Testing on Soil (SBC)
3	07-04-2018	GREENPATEL PVT.LTD.	Testing on AACBlocks
4	07-05-2018	BHAVANAM INFRA,GOLLAPUDI	Testing on Concrete cubes
5	07-06-2018	SK.CHINNA RANGA SHARIF	Testing on Water for Constuction Purpose
6	07-06-2018	SQUARE INFRA	Testing on Water for Constuction Purpose
7	07-07-2018	LASSYA BUILDERS,KAZA	Testing on Concrete cubes
8	07-10-2018	DEE,GUNTUR	Testing on Soil (SBC)
9	07-12-2018	D.PURNA CHANDRA RAO,KONDAPALLI	Testing on GSB,SDBC,WMM
10	07-12-2018	SRESHTA ENVIROTECH (P),LTD.	Testing on Water for Constuction Purpose
11	17/07/2018	S.VENKATESWARA RAO	Concrete Design Mix and steel
12	18/07/2018	SK.CHINNA RANGA SHARIF	Testing on Water for Drinking Purpose
13	18/07/2018	HPCL,KONDAPALLI	Testing on Concrete cubes

14	21/07/2018	SRI RAMADEVI PVT.LTD.	Testing on Concrete cubes And Steel
15	21/07/2018	SIRI BUILDERS,TADEPALLI	Testing on Concrete cubes
16	28/07/2018	DEE,NARASARAOPET MUNICIPALITY	Concrete Design Mix and steel
17	30/07/2018	DEE,DRAINAGE SUB DIVISION,TENALI	Concrete Design Mix (2 No's)
18	17/07/2018	MATA AMRITA NANDAMAYI MATH,AMARAVATHI	Testing on Water for Constuction Purpose
19	17/07/2018	MATA AMRITA NANDAMAYI MATH,AMARAVATHI	Testing on Steel
20	31/07/2018	BHAVANAM INFRA,GOLLAPUDI	Testing on Concrete cubes
21	08-02-2018	VAISHNAVI ESTATES PVT.LTD.VIJAYAWADA	Testing on Concrete cubes
22	08-06-2018	SANDHYA SOIL ENGINEERING WORKS	Testing on Soil (SPT)
23	08-08-2018	DEE,VINUKONDA	Testing on Soil (SBC)
24	08-08-2018	DEE,VINUKONDA	Concrete design mix & Steel
25	08-09-2018	IOCL,KONDAPALLI	Testing on Ballast
26	08-09-2018	IOCL,KONDAPALLI	Testing on Materials
27	17/08/2018	VAISHNAVI ESTATES PVT.LTD.VIJAYAWADA	Testing on Concrete cubes
28	17/08/2018	R.DEEPTHI,TADEPALLI	Testing on Concrete cubes
29	17/08/2018	RAVI CONSTRUCTIONS,MANGALAGIRI	Testing on Concrete cubes
30	17/08/2018	M/S NCC LTD	Testing on Concrete cubes
31	17/08/2018	CPI(M),VIJAYAWADA	Testing on Concrete cubes
32	23/08/2018	DEE,GUNTUR	Testing on Soil (SPT)
33	23/08/2018	DEE,GUNTUR	Testing on Soil (SPT)
34	28/08/2018	CONCRETE & LIMELIGHT INFRA PROJECTS LLP,TADEPALLI	Testing on GSB
35	29/08/2018	RAVI CONSTRUCTIONS,MANGALAGIRI	Testing on Concrete cubes

36	29/08/2018	A R HOMES,MANAGALAGIRI	Testing on Concrete cubes
37	29/08/2018	R DEEPTHI,TADEPALLI	Testing on Concrete cubes
38	29/08/2018	SAMRUDHI NEXA,TADEPALLI	Testing on Concrete cubes
39	29/08/2018	LASSYA BUILDERS,MANGALAGIRI	Testing on Concrete cubes
40	30-08-2018	IOCL,KONDAPALLI	Testing on Ballast
41	30-08-2018	IOCL,KONDAPALLI	Testing on Materials
42	31/09/2018	DURGA ESTATES ,IPPATAM	Testing of Water for Drinking Purpose
43	31/08/2018	VAISHAVI ESTATES,KANURU	Concrete Cubes Testing (M50)
44	31/08/2018	BHAVANAM INFRA	Concrete Cubes Testing (M20)
45	31/09/2018	SAMRUDHI NEXA,PATHUR	Concrete Cubes Testing (M20)
46	31/08/2018	KMV SPACES LLP,HYD (Credit Bill)	Concrete design mix (Four Samples)
47	09-01-2018	SIRI BUILDERS AND DEVELOPERS TEDEPALLI	Concrete Cubes Testing (M20)
48	09-10-2018	APTDC,VIJAYAWADA	Concrete Cubes Testing (M40)
49	09-10-2018	L&T,CONSTRUCTION,B&FIC,AMARAVATHI	Concrete Cubes Testing (M30)
50	09-10-2018	KMV SPACES LLP,HYD	Concrete design mix (Two Samples)
51	14/09/2018	HPCL,LPG PLANT,KONDAPALLI	Testing on Soil Sample,SBC (Two Samples)
52	14/09/2018	MDK RAO,TADEPALLI	Testing of Water for Drinking Purpose
53	14/09/2018	R DEEPTHI,TADEPALLI	Concrete Cubes Testing (M30)
54	14/09/2018	VAISHAVI ESTATES,KANURU	Concrete Cubes Testing (M50)
55	14/09/2018	PRIME LIVING,TADEPALLI	Concrete Cubes Testing (M20)
56	14/09/2018	VNS READY MIX KOLANUKONDA	Concrete Cubes Testing (M30)

57	14/09/2018	SANDHYA SOIL ENG WORKS	Testing on Soil Sample,SPT (Two Samples)
58	15/09/2018	IOCL,RAJAMUNDRY	Testing on Ballast (Two Samples)
59	17/09/2018	OM GAYATRI AGENCIES,KONDAPALLI	Testing Charges on Building Design
60	17/09/2018	OM GAYATRI AGENCIES,KONDAPALLI	Testing Charges on Concrete Design Mix (M20)
61	17/09/2018	OM GAYATRI AGENCIES,KONDAPALLI	Testing Charges on Soil Sample (S.B.C)
62	17/09/2018	OM GAYATRI AGENCIES,KONDAPALLI	Testing Charges on Water for Construction Purpose
63	17/09/2018	P NAGESWARA RAO,KAZA	Testing Charges on Soil Sample (S.B.C)
64	20/09/2018	DEE,APEDWIDC,GUNTUR	Testing Charges on Soil Sample (S.B.C)
65	21/09/2018	SANDHYA SOIL ENG WORKS	Testing Charges on Soil Sample (SPT)
66	21/09/2018	SANDHYA SOIL ENG WORKS	Testing Charges on Soil Sample (SPT)
67	22/09/2018	MR.CH SAMBASIVA RAO,GUNTUR	Testing on Steel And concrete design mix (M30) (Four Samples)
68	22/09/2018	BHAVANAM INFRA	Concrete Cubes Testing (M20)
69	22/09/2018	CPI(M),VIJAYAWADA	Concrete Cubes Testing (M30)
70	26/09/2018	SEW SMPL	Testing Charges on Pile Load
71	26/09/2018	TLC,GUNTUR	Testing on Water for construction Purpose and Materials
72	27/09/2018	NCCL AMARAVATHI (Credit Bill)	Testing charges on Fly Ash,Admixture,Water
73	28/09/2018	IOCL,Vijayawada	Testing on Water for construction

			Purpose and Materials
74	28/09/2018	VSS CONSTRUCTIONS,VIJAYAWADA	NDT Test On Box Culvert

2.STUDENT PARTICIPATIONS IN NSS ACTIVITIES BOTH UG & PG

2.1. NSS PLANTATION DRIVE

On the occasion of swatchata he sewa, NSS unit of Civil Engineering Department conducted plantation drive in Ravedrapadu village where Plants include, Guava, Lemon and Pomegranate plants are distributed to villagers. Also awareness on cleanliness and swatch bharat scheme is explained to the villagers by going to door to door. Overall 70 Plants are distributed and some plants are planted near the sides of the roads.



3.GUEST LECTURES

3.1. Applications of Software in Civil Engineering

Department of Civil Engineering has organized one day subject based seminar for B.Tech (3rd and 4th years) and M.Tech (Structural Engineering and Construction Technology & Management) students on Applications of software in Civil Engineering on 24/8/2018. Mr.B.suresh ,Director Omega CADD, Hyderabad and his team Mr.Rahul Verma, Mr.Naga Raju

and Mr.Manoj are the resource persons in the this seminar. Mr.B.suresh has covered Overview of all Structural Engineering Softwares and Manual Calculations of structures. Mr.Rahul Verma has covered the Auto Cad, STRAP and Staad Pro. Mr.Naga Raju has covered REVIT software and Mr.Manoj has explained about Primavera, Ms-Projects. Finally the Interaction has happened with 3rd, 4th B.Tech and M.Tech (Structural Engineering and Construction Technology management) students. Resource persons cleared doubts for students and Faculty.



3.2. Career Advancement Counselling

A guest lecture is conducted on Career Advancements Counselling by Mr. K. Kaleswaran from Chennai organized by department of civil engineering KLEF. The lecture is conducted for B.Tech IV year students to motivate them and delivered a brief note about various opportunities after B.Tech. Mr. Kaleswaran mainly focused about Entrepreneurship



4. DEPARTMENT MOU'S WITH VARIOUS INDUSTRIES

4.1. MOU with Ladder Survey Institute

KLEF and LADDER INSTITUTE, Chennai done MoU for training, Job Offer and Internship for Civil Engineering on 24/8/2018. Director of Ladder Institute Dinesh M.R and KLEF Registrar T.Uma Maheswara Rao are signed on MoU. In this Programme HOD of Civil Engineering, Dr.P.Poluraju, A.HOD - Dr.K.Rajasekhar Reddy, Professors Dr.V.Ranga Rao and Dr.A.Siva Shankar are attended.



4.2. MOU with OMEGA CADD

KLEF and OMEGA CADD Institute, Hyderabad done MoU for training, Job Offer and Internship for Civil Engineering on 24/8/2018. Director of Omega Cadd Suresh and KLEF Registrar are signed on MoU. In this Programme HOD of Civil Engineering, Dr.P.Poluraju, A.HOD - Dr.K.Rajasekhar Reddy, Professor Dr.A.Siva Shankar are attended.



5. DEPARTMENT LEVEL ACTIVITIES

5.1. WORLD OZONE DAY

Department of Civil Engineering, Successfully organized the World Ozone Day-2018. The Welcome note was presented by Dr P. Polu Raju, Associate Professor & Head, Civil Engineering Department & Dr. Vijayan Gurumurthy Iyer, Professor Civil Engineering Department then after **Chief Guest** Dr. B. Madhusudhana Rao, Chief Environmental Engineer, A.P. Pollution Control Board, Vijayawada, A.P. has presented very good discussion on World Ozone Day-2018, Dr. B. Madhusudhana Rao has also discussed about the importance of Ozone layer, Benefit and other important issues. Dr. B. Madhusudhana Rao also discussed about the Environmental Pollution and important steps to Control the Environmental Pollution which will improve directly or indirectly the Environment from the Pollution.





5.2. ZUARI GREENCEM TECH STUDENT INDUSTRY INTERFACE

Department of Civil Engineering has organised students Industry Interface will Association with Zuari Cements for B.Tech (3rd and 4th years) and M.Tech (Structural Engineering and Construction Technology & Management) students on Cement on 24/9/2018. Mr.P.SAI BABU, GM, M/s Zuari Cement Ltd, Mr. T.K.VISHWANADH, AGM, M/s Zuari Cement Ltd, Vijayawada and his team are the resource persons in the contest. Mr P.SAI BABU has covered Overview of Challenges of cements in Manufacturing and utilisation. Our B.Tech (3rd and 4th year) students participated the competition, total 10 batches (each batch 5 students). After competition Zuari team award the prizes for Winners.



5.3. Teacher's Day

Department of Civil Engineering student have Celebrated “Teacher’s Day”-2018. In this event the Welcome note was presented by Civil Engineering Student, then after Dr P. Polu Raju, Associate Professor & Head, Civil Engineering Department, Dr. V. Ranga Rao, Professor Civil Engineering Department, Dr. Siva Sankar, Professor Civil Engineering Department have discussed about the teachers day & why we are celebrating this on every years on 5th September. On this special day, students celebrate the contribution of teachers in their lives and shaping up the society. The classrooms across the nation burst into colours with decorations, cultural programmes, greetings



5.4. Engineers Day

Department of Construction & Civil Engineering Celebrated **"Engineer's Day"**-2018. In this event the Welcome note was presented by Civil Engineering Student, then after Chief Guest: Er. Nagi-Reddiah, Quality Manager, EGIS India Pvt Ltd, A.P. India & Er. Sri M. H.Reddy, Deputy Executive Engineer, Housing and Building, APCRDA, A.P. India, Dr. V. Ranga Rao, Professor Civil Engineering Department, Dr P. Polu Raju, Associate Professor & Head, Civil Engineering Department & Dr. Siva Sankar, Professor Civil Engineering Department have discussed about "Bharat Ratna-Mokshagundam Visvesvaraya (1860-1962) his contribution for the country, why Government of India has given him the highest awards "Bharat Ratna" and because of him we all are celebrating this event in every year on 15th September.



