



Civil Quest

NEWS LETTER OF CIVIL ENGINEERING DEPARTMENT, K L UNIVERSITY

PATRON: Er. K. SATYANARAYANA – President

EDITOR: Dr. V.Ranga Rao – Head & Chair, Dept. of CE

INSIDE:

- Vision
- Mission
- Short Term Goals
- Long Term Goals
- Department Profile
- Department Achievements
- News Corner
- Department Staff
- Guest Lectures
- Extension Activities
- Consultancy
- Student Achievements
- Industrial Visits
- Games & Sports

FROM THE EDITOR:

I am happy to present our monthly news letter, the Civil Quest, for the month of October 2015 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.Ch.Hanumantha 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 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.

STUDENTS STRENGTH B. Tech

S.NO	YEAR	NO. OF STUDENTS
01	2	156
02	3	192
03	4	184
Total		532

STUDENTS STRENGTH M. Tech

S.NO	YEAR	NO. OF STUDENTS
01	M.Tech (SE) 1 st Year	37
02	M.Tech (CTM) 1 st Year	17
03	M.Tech (SE) 2 nd Year	47
04	M.Tech (CTM) 2 nd Year	19
Total		120

DEPARTMENT ACHIEVEMENTS:

- 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
- B. Tech Civil Engineering Students won the prestigious “Yuva Ratna Award” in the year 2011 and 2009 respectively at a national level organized by Aditya Birla Group’s “Birla White”
- 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
- More than 50 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
- Advanced courses are implemented in the department maintaining IIT standards in the curriculum
- International students from neighboring countries like Bhutan, Nepal, etc. are pursuing their B-Tech in Civil Engineering at K L University
- Five Bhutan Students of 2008-2012 Passed out Batch has scored Top 11 Places in Civil Services conducted by Royal Government of Bhutan. In this Top One was scored by

NEWS CORNER:

RPAC CONSTITUTION FOR DEPT.OF CE

S.NO	NAME	DESIGNATION
1	Dr.A.Siva Shankar	Chairman
2	Dr.V.Ranga Rao	Convener
3	Dr.Ch.Hanumantha Rao	Member
4	Dr.T.Reshma	Member
5	Dr.Y.V.Hanumantha Rao	Member

TEACHING FACULTY IN OUR DEPARTMENT

S.No	Name of Faculty	Designation	Qualification
1	Dr. C. Ravi Kumar Reddy	Professor & HOD	Ph.D
2	Dr. K. Ramesh	Professor	Ph.D
3	Dr. AVS Prasad	Professor & Pro VC	Ph.D
4	Dr. Ch. Hanumantha Rao	Professor & Dean EE	Ph.D

5	Dr. Y. Sreeramulu	Professor	Ph.D
6	Dr. V. Ranga Rao	Professor	Ph.D
7	Mr. S. Kanakambara Rao	Asso Prof	M.Tech
8	Dr. K. Raja Sekhara Reddy	Asso.Prof	Ph.D
9	Mr. P. Sundara Kumar	Asso.Prof	M.Tech
10	Dr. A. Siva Sankar	Asso.Prof	Ph.D
11	Dr. N. Srujana	Asso.Prof	Ph.D
12	Mr. K. Shyam Chamberlin	Asst Prof	M.Tech
13	Ms. K. Prasanthi	Asst.Prof	M.Tech
14	Mr. K. Hemantha Raja	Asst.Prof	M.Tech
15	Mr. Y. Himath Kumar	Asst.Prof	M.Tech
16	Mr. D. Satish Chandra	Asst.Prof	M.Tech
17	Mr. N. Jitendra Babu	Asst.Prof	M.Tech
18	Mr. B. G. Rahul	Asst.Prof	M.Tech
19	Mr.B.S. Chandra Kumar	Asst.Prof	M.Tech
20	Mr. T. Naga Seshu Babu	Asst.Prof	M.Tech
21	Mr. T. Venkat Das	Asst.Prof	M.Tech
22	Mr. K. Deepak	Asst.Prof	M.Tech
23	Mr. I. Siva Kishore	Asst.Prof	M.Tech
24	Mr. S. S. Bhanu Prakash	Asst.Prof	M.Tech

25	Ms. Ch. Mallika Chowdary	Asst.Prof	M.Tech
26	Mr. S. Srikanth Reddy	Asst.Prof	M.Tech
27	Mr. J. D. Chaitanya Kumar	Asst.Prof	M.Tech
28	Ms. T. Reshma	Asst.Prof	M.Tech
29	Mr. P. Venkata Sarat	Asst.Prof	M.Tech
30	Ms. P. Dhana Sai Lakshmi	Asst.Prof	M.Tech
31	Mr. M. Lokesh	Asst.Prof	M.Tech
32	Ms. D. Sowjanya	Asst.Prof	M.Tech
33	Ms K. Neeharika	Asst.Prof	M.Tech
34	Ms. K. Venkata Kiranmayi	Asst.Prof	M.Tech
35	Ms. K. Sai Kala	Asst.Prof	M.Tech
36	Mr. V. Raju	Asst. Prof	M.Tech
37	Mr. G. Praneeth Babu	Asst.Prof	M.Tech

NEWLY JOINED FACULTY MEMBERS

S.No	Name of Faculty	Designation	Qualification
1	Dr.VUMMANENI RANGA RAO	PROFESSOR	Ph.D
2	MS.KONDEPUDI SAI KALA	ASST.PROF.	M.Tech
3	Ms.Nandam. Srujana	Assoc.Professor	Ph.D

NON TEACHING STAFF IN OUR DEPARTMENT

S.NO	NAME OF THE STAFF	DESIGNATION
1	Mrs. T K . Durga Devi	Inst Mech
2	Mr. Y.Poornachandra Rao	Jr. Mech
3	Mr. Y. Krishna Kumar	Lab Tech
4	Mr.T.Balakrishna	Off. Asst
5	Mr. P. Ravi Kumar	Lab Tech
6	Mr. K. Venkateswara Rao	Lab Tech
7	Mr. Karimullashah. MD	Programmer
8	Mr. K. Sai Kumar	Lab.Tech
9	Mr. B. Srinu	Lab Tech
10	Mr. P. Phani Bhaskar	Asst. Manager consultancy
11	Mr. T. Raja	Lab Tech
12	Mr. P. Suresh Babu	Asst. Draft Man
13	Mr. K. Ashok	Asst. Draft Man

CONSULTANCY WORKS

Consultancy Tests Conducted In Our Department for Different Clients from the Period JULY 2015 to September 2015

JULY 2015			
S. No.	Date	Name of the Client	Tests
1	1/7/2015	Mr. Y. Kiran Kumar, Nidamanur, Krishna (Dist)	NDT Test
2	1/7/2015	Ch. Veerraju & Co, R.V Nagarjuna nagar	Ballast
3	6/7/2015	Deputy Executive Engineer, RWS& S Sub Division, Piduguralla	Soil

4	7/7/2015	M/s. Ramky Infrastructure, HYD	SPT Soil Testing
5	7/7/2015	P V D Prasad	Cubes
6	9/7/2015	Mr. M. Rambabu, VJA	Cubes and Steel
7	10/7/2015	Vasanth Residency, Mangalagiri	Water
8	11/7/2015	Galacon Infrastructure & Projects Pvt Ltd, HYD	Mix Design M 25 & 30
9	14/7/2015	Mr. Y. Kiran Kumar, Nidamanur, Krishna (Dist)	NDT Test
10	20/7/2015	A. Madhan Kumar, VJA	Cubes
11	22/7/2015	ENNAR Constructions	Mix Design
12	23/7/2015	Mr. T. Rama Krishna	Ballast
13	23/7/2015	Srinivasa Edifice Pvt Ltd, VJA	Water and Steel
14	25/7/2015	ENNAR Constructions	Expert Fee
15	27/7/2015	Mr. A. Samba Siva Rao	Water
16	29/7/2015	Galacon Infrastructure & Projects Pvt Ltd, HYD	Water

AUGUST 2015

S. No.	Date	Name of the Client	Tests
1	5/8/2015	Sainath Constructions, Vja	Soil & Cement
2	9/8/2015	Y. Kiran Kumar, Nedamanur	NDT Test
3	10/8/2015	Er. SKEIPL	Bituman
4	10/8/2015	Sainath Constructions, Vja	Mix Designs and CBR
5	12/8/2015	Konstelec Engineers Pvt Ltd, Mumbai	Brick Testing
6	12/8/2015	M/s M.K. Roy Brothers Pvt Ltd, Kolkata	Water and Bricks

7	13/8/2015	Galacon Infrastructure & Projects Pvt Ltd, HYD	Water
8	14/8/2015	PVD Prasad	Cubes
9	14/8/2015	PVD Prasad	Cubes
10	17/8/2015	EE, CWC, Rayanapadu	Materials Testings
11	19/8/2015	Vijay Nirman Co Pvt Ltd, Enikepadu, Vja	Water
12	20/8/2015	IJM (India) Infrastructure Ltd	Bricks
13	21/8/2015	MK Roy Brothers Projects Pvt Ltd	Cubes and bricks
14	24/8/2015	Bhavanam Constructions	Cubes
15	28/8/2015	Thermo Systems Pvt Ltd	Cubes
16	28/8/2015	EE, CWC, Rayanapadu	Materials Testing's
17	28/8/2015	Mukesh Association, Saleem, Tamilnadu	Core Cubes

SEPTEMBER 2015

S. No.	Date	Name of the Client	Tests
1	3/9/2015	Mr. Y. Kiran Kumar, Nidamanur, Krishna (Dist)	NDT Test
2	9/9/2015	Ch. Veerraju & Co, R.V Nagarjuna nagar	Ballast
3	11/9/2015	Deputy Executive Engineer, RWS& S Sub Division, Piduguralla	Soil
4	12/9/2015	M/s. Ramky Infrastructure, HYD	SPT Soil Testing
5	12/9/2015	P V D Prasad	Cubes
6	19/9/2015	Mr. M. Rambabu, VJA	Cubes and Steel
7	19/9/2015	Vasanth Residency, Mangalagiri	Water
8	19/9/2015	Galacon Infrastructure & Projects Pvt Ltd, HYD	Mix Design M 25 & 30

9	19/9/2015	Mr. Y. Kiran Kumar, Nidamanur, Krishna (Dist)	NDT Test
10	21/9/2015	A. Madhan Kumar, VJA	Cubes
11	21/9/2015	ENNAR Constructions	Mix Design
12	22/9/2015	Mr. T. Rama Krishna	Ballast
13	24/9/2015	Srinivasa Edifice Pvt Ltd, VJA	Water and Steel
14	26/9/2015	ENNAR Constructions	Expert Fee
15	26/9/2015	Mr. A. Samba Siva Rao	Water
16	26/9/2015	Galacon Infrastructure & Projects Pvt Ltd, HYD	Water
17	26/9/2015	Siri Estates, VJA	Cement
18	29/9/2015	GBR Clay Products,	Expert Fee
19	29/9/2015	Mr. P. V. D. Prasad, VJA	Cubes
20	29/9/2015	V.S Engineers Pvt Ltd, VJA	Core Cubes

Faculty Development Programs & ORIENTATION LECTURES

S.No	Name of the Programme	Name of the Faculty	Date	Venue
1	A Brief Introduction on Rajeev Gandhi International Airport	Dr. M. Anjaneya Prasad		
		Dr. Y. Sreeramulu		
		Dr. N. Sanjeev		
		Dr. S. Kanakambara Rao		
		Dr. A. Siva Shankar		
		Mr. P. Sundar Kumar		
		Dr. K. Rajashekar Reddy		
		Mr. K. Syam Chamberlin		

		Mr. K. Hemanth Raja	25.07.15	K.L.University
		Mr. Y. Himmath Kumar		
		Mr. D. Satish Chandra		
		Mr. N. JitendraBabu		
		Mr. A. Dheerendra Prasad		
		Mr. B. G, Rahul		
		Mr. B S Chandra Kumar		
		G. Arpan Paul Singh		
		Mr. T. Naga seshuBabu		
		Mr. T. Venkat Das		
		Mr. A. Lakshmi Deepak		
		Mr. K. Sreekanth		
		Ms. G. Pallavi		
		Dr. C. Ravi Kumar Reddy		
		Mr. V. Akhilesh		
		Mr. K. Deepak		
		Dr. K. Ramesh		
		Mr. I. Siva Kishore		
		Dr. A. V. S. Prasad		
		Ms. K. Pushpa Nandini		
		Mr. J. Pavan Kumar		
		Ch. MallikaChowdary		
		Mr. Sreekanth Reddy		
		J.D. Chaitanya Kumar		

		T. Reshma		
		Mr. Venkata Sarat		
		Ms. Sai Lakshmi		
		Mr. M. Lokesh		
		Ms. D. Sowjanya		
		Ms. K. Neeharika		

S.No	Name of the Programme	Name of the Faculty	Date	Venue
2	Urban Route Choice Modelling of Personal Using Fuzzy & Neurd – Fuzzy Systems	Dr. M. Anjaneya Prasad	12.09.15	K .L.University
		Dr. Y. Sreeramulu		
		Dr. N. Sanjeev		
		Dr. S. Kanakambara Rao		
		Dr. A. Siva Shankar		
		Mr. P. Sundar Kumar		
		Dr. K. Rajashekar Reddy		
		Mr. K. Syam Chamberlin		
		Mr. K. Hemanth Raja		
		Mr. Y. Himmath Kumar		
		Mr. D. Satish Chandra		
		Mr. N. JitendraBabu		
		Mr. A. Dheerendra Prasad		
		Mr. B. G, Rahul		
		Mr. B S Chandra Kumar		

		G. Arpan Paul Singh		
		Mr. T. Naga seshuBabu		
		Mr. T. Venkat Das		
		Mr. A. Lakshmi Deepak		
		Mr. K. Sreekanth		
		Ms. G. Pallavi		
		Dr. C. Ravi Kumar Reddy		
		Mr. V. Akhilesh		
		Mr. K. Deepak		
		Dr. K. Ramesh		
		Mr. I. Siva Kishore		
		Dr. A. V. S. Prasad		
		Ms. K. Pushpa Nandini		
		Mr. J. Pavan Kumar		
		Ch. MallikaChowdary		
		Mr. Sreekanth Reddy		
		J.D. Chaitanya Kumar		
		T. Reshma		
		Mr. Venkata Sarat		
		Ms. Sai Lakshmi		
		Mr. M. Lokesh		
		Ms. D. Sowjanya		
		Ms. K. Neeharika		

PUBILICATIONS

S.No.	Name of the Faculty	Title	Journal Name/ Conference Proceedings	Index
1.	Ravikumar Reddy C	Behaviour of square footing resting on cohesionless soil using finite element analysis	Innovations in Structural Engineering	ISBN 978 81 7371 986 8
2.	Ravikumar Reddy C	Parametric study of square plates resting over cohesionless soil	Innovations in Structural Engineering	ISBN 978 81 7371 986 8
3.	S.S.Asadi	Environmental Impact assessment on Kolleru Lake by using GIS: A Model Study	2 nd National conference on Water, Environment and Society (NCWES-2015)	ISBN 978-93-83635-87-0
4.	Satish Babu. B, Sunder Kumar. P and Mallika Chowdary. Ch	An Experimental Study on Use of Rice Husk Ash as Partial Replacement for Cement in Concrete	National Conference on Environment and Renewable Energy (NCEE-15)	ISBN: 978-93-5230-117-1
5.	B. Prasanthi and S. Kanakambara Rao	Study on the Behaviour of Fly Ash based Geo Polymer Concrete with 18 Molar NaOH Activator	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
6.	Ch. Eka Sai Kumar and Ch. Mallika Chowdary	An Experimental Study on Replacement of Rice Husk Ash in Cement	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
7.	G Sri Lakshmi, J D Chaitanya Kumar and Y Sreeramulu	Influence of Optimal Column Spacing for G+11 storey RC Moment Resisting Frame	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
8.	Sahithi.G, Ravi Kumar Reddy. C and V. Ranga Rao	Study on Loss of Contact of Rectangular Plate on Elastic Foundation: Effect of Eccentric Concentrated Load in Longitudinal Direction	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1

9.	Hymavathi G and Ramesh K	Study on the Behavior of Flyash based Geopolymer Concrete with 14 Molar NaOH Activator	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
10.	H. Teja Kiran Kumar and K. Prasanthi	Experimental Study on Coir Fibre Reinforced Fly Ash based Geopolymer Concrete With 12m NaOH Activator	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
11.	CH. Hema Sindhusa and S. Kanakambara Rao	Study on Behavior of Flyash based Geopolymer Concrete with 16 Molar Activator	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
12.	Hema Venkata Sekhar Ch and T. Venkat Das	Optimization of Steel Bridge Trusses	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
13.	I. Siva Rama Krishna and C. Ravi Kumar Reddy	Soil Interaction Study on Box Culvert	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
14.	K.P.R.K. Sai Kumar, Ch. Mallika Chowdary and P. Sunder Kumar	Static Linear and Nonlinear Analysis of RC Building on Sloping Ground using Isolated Bearings on Rock Soil	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
15.	K. Kiran and I. Siva Kishore	An Experimental Study on Partial Replacement of Cement with Bagasse Ash	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1

		in Concrete Mix		
16.	K. Chandra Padmakar and B. Sarath Chandra Kumar	An Experimental Study on Metakaolin and GGBS based Geopolymer Concrete	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
17.	K. Hemalatha Reddy and K. Prasanthi	Analysis and Comparision of Vertical Settlement in Different Foundations of Various Soils	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
18.	M. Keerthi and K. Prasanthi	Experimental Study on Coir Fibre Reinforced Flyash based GeopolymerConcrete for 10 M	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
19.	M. Vijaya Bhargav and B. Sarath Chandra Kumar	An Experimental Study on Geopolymer Concrete in Corporating Metakaolin and Ggbs Concrete with 10m Alkali Activator	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1
20.	M.Manjari, C. Ravi Kumar Reddy and SS. Asadi	Study of Multistoried Building for Suitable Foundation Considering SSI	National Conference on Environment and Renewable Energy (NCEE)	ISBN: 978-93-5230-117-1