



Civil Almanac

NEWS LETTER OF CIVIL ENGINEERING DEPARTMENT, K L UNIVERSITY

PATRON: Er. K. SATYANARAYANA – President

EDITOR: Dr. K. Ramesh – Head, Dept. of CE

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FROM THE EDITOR:

I am happy to present our monthly news letter, the Civil Quest, for the month of October 2014 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. K. Ramesh
Editor – Civil Quest

VISION & Mission OF THE DEPARTMENT

- To impart knowledge and excellence in Civil Engineering with global perspectives to the student community and to make them ethically strong engineers to build our nation.
- Our mission is to provide holistic development of student community to meet the ever changing needs of civil engineering industry and to be involved in forward looking research and consultancy useful to society.

LONG TERM GOALS

- To be a centre of excellence in the domain of Civil Engineering education, research and development.
- To grow to the level of a Ph.D. recognized centre for Civil Engineering.
- To start postgraduate courses in major Civil Engineering fields, viz. Environmental Engineering, Hydraulic Engineering, Transportation Engineering and Geotechnical Engineering, in addition to under graduate program and existing PG Program.
- To upgrade and reinforce all the laboratories so as to promote research and development activities in the domain of Civil Engineering which will also motivate the faculty and others to take up doctoral studies.
- To provide inputs this will raise the academic standards so as to be on par with the best international standards.
- The department aims at promoting such activities which will generate social awareness amongst the students as well as the staff, so as to enable them to contribute their share in the development, and welfare of the society as a whole.

SHORT TERM GOALS

- To formulate the under graduate program in Civil Engineering at this Institute to be one of the best in the country.
- To upgrade all the various laboratories so as to facilitate testing, research, training and consultancy services in the various fields of civil engineering.
- To create still better rapport with the industries for exposing the students to the practical aspects and field practices associated with the Civil Engineering profession and for carrying out industry sponsored projects.
- To extend computer based learning material for the students.
- To improve the departmental library by acquiring latest literature, informative brochures, journals and books.
- To further expand the video library with the latest video cassettes and VCDs related to all the new development and trends in the Civil Engineering field, and formulate it comprehensive.
- To advance the existing curricula to meet the requirement of competitive examination viz IES, APPSC, GATE etc
- To further strengthen the teaching and research capabilities of faculty by encouraging them to undertake short-term training in reputed industries and academic institutions.

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 489 Students and twenty five members of teaching staff drawn from premium institutes throughout India out of whom six are Professors, Five are Associate Professors and Seventeen 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.

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.M.Anjaneya Prasad	Chairman
2	Dr.Ch.Hanumantha Rao	Member
3	Dr.A.Siva Shankar	Member
4	Dr.Y.V.Hanumantha Rao	Member

TEACHING FACULTY IN OUR DEPARTMENT

S.No	Name of Faculty	Designation	Qualification
1	Dr. K. Ramesh	Prof & Hod	Ph. D
2	Dr. Ch. Hanumantha Rao	Professor	Ph. D
3	Dr. M. Anjaneya Prasad	Professor	Ph. D
4	Dr. Y. Sreeramulu	Professor	Ph. D
5	Dr. C. Ravi Kumar Reddy	Professor	Ph. D
6	Mr. S. Kanakambara Rao	Asso Prof	M. Tech
7	Dr. A. Siva Sankar	Asso.Prof	Ph. D
8	Mr. P. Sundara Kumar	Asso.Prof	M. Tech

9	Dr. K. Raja Sekhara Reddy	Asso.Prof	Ph. D
10	Mr. K. Shyam Chamberlin	Asst Prof	M. Tech
11	Ms. K. Prasanthi	Asst.Prof	M. Tech
12	Mr. K. Hemantha Raja	Asst.Prof	M. Tech
13	Mr. Y. Himath Kumar	Asst.Prof	M. Tech
14	Mr. D. Satish Chandra	Asst.Prof	M. Tech
15	Mr. N. Jitendra Babu	Asst.Prof	M. Tech
16	Mr. A.Deerendra Prasad	Asst.Prof	M. Tech
17	Mr. B. G. Rahul	Asst.Prof	M. Tech
18	Mr.B.S. Chandra Kumar	Asst.Prof	M. Tech
19	Mr. T. Naga Seshu Babu	Asst.Prof	M. Tech
20	Mr. T. Venkat Das	Asst.Prof	M. Tech
21	Mr. A. Lakshmi Deepak	Asst.Prof	M. Tech
22	Mr. K. Srikanth	Asst.Prof	M. Tech
23	Ms. G.Pallavi	Asst.Prof	M. Tech
24	Mr. G. Arpan Paul Singh	Asst.Prof	M. Tech
25	Mr. K. Deepak	Asst.Prof	M. Tech
26	Mr. V. Akilesh	Asst.Prof	M. Tech
27	Mr. I Siva Kishore	Asst.Prof	M. Tech
28	Mr. S. S. Bhanu Prakash	Asst.Prof	M. Tech

NON TEACHING STAFF IN OUR DEPARTMENT

S.NO	NAME OF THE STAFF	DESIGNATION
1	SMT. T K . DURGA DEVI	INST MECH
2	SRI. Y. POORNA CHANDRA RAO	JR MECH
3	SRI. Y. KRISHNA KUMAR	LAB TECH
4	SMT. Y. BHAVANI	LAB TECH
5	SRI. V. L. GANESH BABU	LAB TECH
6	SRI. P. RAVI KUMAR	LAB TECH
7	SRI. K. VENKATESWARA RAO	LAB TECH
8	SRI. K. SAI KUMAR	LAB.TECH
9	SRI. B. SRINU	LAB TECH
10	SRI. T. RAJA	LAB TECH
11	SRI. KARIMULLASHAH. MD	PROGRAMMER
12	SRI.T.BALAKRISHNA	OFF. ASST

13	SRI. D. SAHATHI	CAD ENGINEER
14	SRI. A. Ashok Kumar	DRAFT MAN
15	SRI. P. PHANI BHASKAR	ASST MANAGER

CONSULTANCY WORKS

Consultancy Tests Conducted In Our Department for Different Clients from the Period November 2014 to January 2015

JANUARY 2015			
S. No	Date	Name of the Client	Tests
1	2/1/2015	Ms. Shiridi Sai Engg Pvt Ltd, VJA	Sand, Brick, Birck
2	2/1/2015	S.R. Infra Tech Pvt Ltd, Guntur	Cubes
3	3/1/2015	Konstelec Engg Pvt Ltd, HPCL, Kondapalli	Bircks
4	9/1/2015	M/s. H.S. Infra Pvt Ltd, Rajamundry	Soil, Mix Design
5	9/1/2015	Deputy Executive Engineering, RWS Sub Division, Piduguralla	Soil, Steel, Mix Design
6	9/1/2015	Deputy Executive Engineering, RWS Sub Division, Piduguralla	Soil
7	10/1/2015	S.R. Infra Tech Pvt Ltd, Guntur	Cubes
8	18/1/2015	ICC (I) Ltd, S.R. Nagar, Hyderabad	Cubes
9	19/1/2015	Executive Engineer, Dept Archlogy and Musuem	Cubes
10	19/1/2015	Thermo Systems Pvt Ltd, HPCL, Kondapalli	Cubes
11	20/1/2015	B. Parvathi, Vijayawada	Cubes
12	21/1/2015	J.P. Construction, Mangalagiri	Soil
13	21/1/2015	J.P. Construction, Mangalagiri	Soil
14	27/01/2015	Matrix Nirman, Autonagar, Vijayawada	Cubes
15	27/1/2015	Karthikeya Engg, Vijayawada	Core Samples
16	27/1/2015	Mr. M. Seetha Ramaiah, Contractor, HPCL, Kondapalli	Bituman Test
17	28/1/2015	Karthikeya Engg, Vijayawada	Core Samples
18	28/1/2015	Bhavanam Constructions	Cubes
19	29/1/2015	Karthikeya Engg, Vijayawada	Core Samples
20	29/1/2015	Deputy Executive Engineering, APSIDC Sub division, Guntur	Mix Design
21	31/1/2015	Shri Rama Krisna Mission, Vijayawada	Soil

DECEMBER 2014

S. No	Date	Name of the Client	Tests
1	1/12/2014	B. Parvathi, Vijayawada	Cube
2	1/12/2014	Siri Consultant, Vja	Cubes
3	2/12/2014	Rajyalakshmi Constructions, Atmakur	Cubes
4	4/12/2014	Nithin Sai Constructions, Hanuman Junction	Steel
5	4/12/2014	Executive Engineer, Panchayat Raj, Tenali	Soil, Steel, Mix, 40 MM
6	6/12/2014	Lotous Creators, Vijayawada	Cube
7	8/12/2014	Thermo Systems Pvt Ltd, HPCL, Kondapalli	Cubes
8	10/12/2014	DEE, Giddhalur	Soil, Steel, Mix Design
9	12/12/2014	S.R. Infra Tech Pvt Ltd, Guntur	Cubes
10	15/12/2014	S.R. Infra Tech Pvt Ltd, Guntur	Cubes
11	17/12/2014	Ch. Rama Mohan Reddy, Contractor, Nellore	Mix Design
12	19/12/2014	Mr. M. Seetha Ramaiah, Contractor, HPCL, Kondapalli	WMM
13	19/12/2014	M.P. Engineering Construction India Ltd, Mumbai	Cubes
14	22/12/2014	Matrix Nirman, Autonagar, Vijayawada	Cubes
15	23/12/2014	Smt. S. Sailaja, Nuziveed	Soil
16	26/12/2014	S. R. Infra Tech Guntur	Cubes
17	26/12/2014	Srinivasa Edifice Pvt Ltd, Vijayawada	Soil
18	26/12/2014	Mr. M. Seetha Ramaiah, Contractor, HPCL, Kondapalli	Bituman Test
19	27/12/2014	Mr. Konstelec Engineers Pvt Ltd, HPCL, Kondapalli	Metal, Sand, Bricks, Water

20	27/12/2014	B. Parvathi, Vijayawada	Cubes
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November 2014

S. No.	Date	Name of the Client	Tests
1	3/11/2014	S. R. Infra Tech Guntur	Cube
2	3/11/2014	P. V. Reddy, Vijayawada	Ballast
3	3/11/2014	P. V. Reddy, Vijayawada	Ballast
4	3/11/2014	P. V. Reddy, Vijayawada	Ballast
5	3/11/2014	P. V. Reddy, Vijayawada	Ballast
6	5/11/2014	B. Parvathi, Vijayawada	Cube
7	5/11/2014	N. Sambasiva Rao, Contractor, Guntur	Matel
8	6/11/2014	A. V. Nancharaiah, Contractor, Tenali	Cement, Steel, Cubes
9	6/11/2014	Thermo Systems Pvt Ltd, HPCL, Kondapalli	Steel, Mix, Cubes
10	7/11/2014	Prograssive Construction Ltd, Eluru	Steel
11	8/11/2014	DEE, RWS & S Section, Reddigudem	Steel, Mix Design
12	8/11/2014	Konselec Engineers Pvt Ltd, Kondapalli	Cubes
13	8/11/2014	Konselec Engineers Pvt Ltd, Kondapalli	Sand
14	10/11/2014	S. R. Infra Tech Guntur	Cubes
15	11/11/2014	A. V. Nancharaiah, Contractor, Tenali	Cement, Steel, Cubes
16	11/11/2014	Lotous Creators, Vijayawada	Cubes
17	13/11/2014	D.E, Drinage Sub Division, Gudivada	Soil
18	13/11/2014	VNS Ready mix, Kolanukonda	Cubes
19	14/11/2014	B. Ramanjaneyulu, Contractor, Ongole	Steel
20	15/11/2014	A. Yogaiah, Contractor, Gundepalli	Mix Design
21	17/11/2014	S. Prasad reddy, Contractor, Nellore	Ballast
22	17/11/2014	S. R. Infra Tech Guntur	Cubes
23	22/11/2014	S. R. Infra Tech Guntur	Cubes
24	25/11/2014	Trendset Infra, Narakodur, Guntur	Water
25	26/11/2014	Thermo Systems Pvt Ltd, HPCL, Kondapalli	Cubes
26	26/11/2014	Srinivasa Edifice Pvt Ltd, Vijayawada	Mix Design
27	27/11/2014	Ch. Ramesh, Contractor, Amurthalur	Soil

28	28/11/2014	V. Sivanath, Vijayawada	NDT Test
29	28/11/2014	I. B. INABENSA (JV), Guntur	Sand

STUDENT ACHIEVEMENTS

Academic Year 2013-2014

S No	Company	Reg. No	Name
1	Design Tribe	10100074	Ch.Avinash
2	Infosys	11002009	B. Devi Sumanth
3	Infosys	11002130	V. Rahul Naga Vwnkata Pavan
4	Infosys & Wipro	11002132	P. Raja Sekhara Venkata Ayyappa
5	CTS	11002043	Y. Pranathi

The department is pleased to inform that from the students who went for practice school training during the 7th semester of the academic year 2014-15, 18-students have received the job offers in their respective places of training. The other 8-students have also been assured placement soon when they complete their 8th semester exam successfully.

Following are the students who have received the job offers:

S. No	Company	Reg. No	Name
1	Tri CAD Hyderabad	11002133	G. Rambabu
3		11002057	N. Shanmukha Sai
4		11002089	N. Anirudh
5		11002184	J. Suman
6		11002192	Y. Gopikrishna
7		11002179	N. Vikash
8		11002112	Ch. Krishna Mohan
9		Jaya Hume Pipes (p) ltd Guntur	11002117
10	Jaya Spun Pipes Guntur	11002070	Vemula Yeshwanth
11		11002128	Divi Prudhvi
12	S. V. Constructions Hyderabad	11002158	Dammalapati Tarun
13		11002096	D.N.V.S.K. Praveen
14		11002113	K. L. Prasanth

Following students have been assured of employment at the end of the 8th semester:

S. No	Company	Reg. No	Name
1	Lanco Infratech Ltd	11002034	Mounika Singh. B
2		11002078	Rajiya Begum
3		11002104	Hema Krishna. Y
4		11002112	Krishna Mohan. Ch
5		11002115	Maruthi Sainath. A
6		11002147	Seshu Kumar. G
7		11002187	Moinuddin. Sk
8	Larsen & Turbo	11002065	Vyshnavi Rao S

	Hyderabad		
9	OPEL	11002143	Sai Teja Reddy Tamma

Department wishes to congratulate all the above students and encourages the next batch of students proceeding for such training in the 8th semester to keep up the good effort.

STUDENT PARTICIPATIONS BOTH UG & PG

S. No	Name of the Students	UG/ PG	Event Attended	Prize Secured
1	G. Kalpalatha	PG	IE FEST 2014	Participation
2	M. Madhu	PG	International Conference and Exhibition of Green Buildings 2014 Hyderabad.	Participation
3	Mohammad Ahmed			
4	D. Kiran Kumar Reddy			
5	B. Sessa sai Ratnamala Reddy			
6	Mohammad nawaz Khan			
7	J Sai Babu			
8	N Jagadeesh			
9	P Sarath Chandra	UG	Paper Presentation at Kallam Harnadha Reddy institute of Technology, Guntur	Participation
10	Prashanth Reddy			
11	S. Sai Kiran			

INDUSTRIAL VISITS

NIL

Faculty Development Programs

S. No	Name of the Faculty	Designation	Program Attended
1.	Dr. CH. Hanumantha Rao	Prof& Dean	A National Conference (ITC)
			A National Conference on Deep Foundation Technology
			A National Conference in Mumbai
2.	Dr. A. Siva Sanakr	Assoc Prof	Guest lecture in MVR College of engineering
			As a Chair Person in Kallam Haranadha

			Reddy Institute of Technology
3.	Mr. D. Satish Chandra	Asst Prof	Training on election software of IEI
4	Mr. B. Sarath Chandra	Asst Prof	International Conference and Exhibition of Green Buildings

ORIENTATION LECTURES

S. No	Name of the Faculty	Designation	Date/ Topic Discusses
1	Dr.M.Anjaneya Prasad	Professor	09/08/2014 Derivation of Reservoir Operational Rules for serial and parallel reservoir systems
2	Dr. S. K. Gupta	Professor & Head	16/08/2014 Lesson planning
3	Dr. K. Rajasekhara Reddy	Associate Professor	30/08/2014 Sustainable Agriculture – Role of Civil Engineer
4	Dr. Y. Sreeramulu	Professor	13/09/2014 Research Methodology and publications
5	Dr. A. siva sankar	Assoc Professor	20/09/14 Civil Engineering Applications using remote sensing and GIS
6	Dr. K. Ramesh	Professor & HOD	31 – 01 – 2015 About his Research Work

Faculty Publications

S · n o	Title of the Paper	Author Type Faculty /Student /Scholar	Dept	Journal / Conference	ISSN Num ber	V o l u m e N o	Issue No	Date of Publ ishin g
1	Estimation of time overruns on national highway development project using regression analysis	Dr Ch Hanumantha Rao	Civil	INDIAN HIGHWAYS, September 2014	ISSN 0376-7256	42	No 9 PP 24-38	Sep-14
2	Preparation of Soil Quality Index for Evaluation of Industrial Effluents Impact on Bibinagar Lake Soils and Sediments	Dr S. S. Asadi	Civil	Inernational Journal of Applied Environemtal Sciences	ISSN 0973-6077	9	5	PP 2359 - 2369
3	Evaluation of Tsunami Impact on Mangroves using Remote Sensing and GIS: A Model Study from Andaman Islands	Dr S. S. Asadi	Civil	Inernational Journal of Applied Environemtal Sciences	ISS 0973-4562	9	21	PP 9695 - 9706

Guest Lectures:

A GUEST LECTURE ON WASTE WATER TREATMENT

Department of Civil Engineering has organized a Guest Lecture on 19 JAN 2015 at jasmine hall, KL University. As a resource person, Dr. Movva. P. Reddy Ph.D P.E, president of MPR Engineering Corp. Inc, with offices in Chicago Illinois etc.

Dr. Movva. P. Reddy has over 30 years of work experience with state regulatory agencies, public utilities and as a consultant in the waste water area for a industrial and municipal clients on a number of projects in United States, Eastern Europe and in Asia.

Dr. Movva. P. Reddy served as a chair, the nutrient controlled task force for the water environment federation(WEF, 1992-98) and managed completion of the special publication " Biological and chemical systems for nutrient removal.

He Delivered a Guest Lectured on "Waste water Treatment Process Design and Process Optimization and capacity determination for removal of BOD, Total Nitrogen and Total Phosphorous using single activated sludge process".

All the III/IV and IV/IV B. Tech Students and Faculty of Civil Engineering department were attended the guest lecture at Jasmine Hall KL University.



Workshop Conducted:

A WORKSHOP ON ENVIRONMENTAL GEO INFORMATICS

A Workshop on ENVIRONMENTAL GEO INFORMATICS was organized in Department of Civil Engineering on 24th JAN 2015. The workshop was inaugurated by Dr. M. Venkateswara Rao, Former Scientist of ISRO, Sri. CH. Srinivas Rao, DGM, JSW Cements Ltd, Dr. A. Anand Kumar Principal KL University Dr. K. Ramesh, HOD Civil Department & Director for School of Civil and Mechanical Sciences KL University, Dr. CH. Hanumatha Rao, Dean Exams and Evaluation KL University and Dr. Y. Sreeramulu Professor Department of Civil Engineering KL University.

The main theme of the workshop was to give students a hands on training on the software's which are being used in the Geo Informatics as well as the main focus of environmental issues that are being effected in the present generation and how to overcome them.

The First session was headed by Dr. M. Venkateswara Rao, Former Scientist of ISRO and gave a brief description of the software's that are being used for the geographical users and about their working strategies. The Second session has been taken up by Sri. CH. Srinivas Rao, DGM, JSW Cements Ltd and explained about the care taken about the

environmental conditions which do not effect due to the process of products from the factories and lastly the third session was headed by Dr. Y. Sreeramulu Professor Department of Civil Engineering KL University, delivered as brief description on precautions to be taken when the environmental hazardous occur.

In this the total of more than 340 students from other colleges participated. At the end of the day session certificates of participation were distributed by University Dr. K. Ramesh, HOD Civil Department & Director for School of Civil and Mechanical Sciences KL University, Dr. Y. Sreeramulu Professor Department of Civil Engineering KL University.

At the end Mr. A. Siva Sankar has given the vote of thanks and concluded the workshop.



One day workshop on ANSYS

A workshop on ANSYS software has been organized by the department of civil engineering on 20th December 2014. The workshop was inaugurated by the chief guest Dr. T. D. Guneswara Rao, Assoc Professor, NIT Warangal and Pro Vice Chancellor Dr. A. V. S. Prasad, KL University and Dr. K. Ramesh, Director School of Civil & Mechanical sciences, HOD-CE, Dr. CH Hanumantha Rao Prof Dean Examination and Evaluation, Dr. C. Ravi Kumar Reddy Professor, Department of Civil Engineering.

In this total of 200 students participated and the workshop was headed by Dr. T. D. Guneswara Rao. The main aim of the workshop was to provide the Principles and concepts involved in SSI and also to give hands on training for application of ANSYS software to SSI

At the end of the first session students were being explained with the main principles and concepts involved in SSI and their influence on Soil Interaction with the structures and then followed by the lunch.

In the second session students are being trained on the personal computer which will give them the hands on experience in using the ANSYS software to SSI.

At the end of the session Dr. T. D. Guneswara Rao has been felicitated by Dr. K. Ramesh, Director School of Civil & Mechanical sciences, HOD-CE and Dr. CH Hanumantha Rao Professor, Dean Exam Evaluation, and then certificates were been distributed by Dr. K. Ramesh HOD-CE, Dr. C. Ravikumar Reddy Professor, Civil Department and Mr. P. Sundar Kumar Assoc Professor, Civil Department.

The vote of thanks was given by the Mr. P. Sundar Kumar, Assoc. Prof of Civil Department on the successful completion of the workshop.



Certificate course on Total Station.

certificate course (five day training program) on "Total Station" from 8-12-2014 to 12-12-2014

