



Civil Quest

NEWS LETTER OF CIVIL ENGINEERING DEPARTMENT, K L UNIVERSITY

PATRON: Er. K. SATYANARAYANA – President

EDITOR: Dr. SHASHI KUMAR GUPTA – 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 January 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. Shashi Kumar Gupta
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 550 Students and twenty four members of teaching staff drawn from premium institutes throughout India out of whom four are Professors, seven are Associate Professors and twelve are Assistant Professors. Six staff members are having more than ten years experience, Seven are doctorates and Seven pursuing PhD's. The department is in the process of recruiting qualified faculty to strengthen its existing team.

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:

- **Faculty Registered for Ph. D**

S. No	Name of the Faculty	University
1	Mr. D. Satish Chandra	KL University
2	Mr. N. Jitendra babu	KL University
3	Ms. K. Prasanthi	KL University

- **FACULTY DELIVERED GUEST LECTURE**

On the occasion of GIS Day celebrations by Institute of Engineers Vijayawada chapter, Dr. A. Siva Sankar delivered an expert lecturer on the topic Remote Sensing for the calculation of the depth of the water level from the ground base.



NEWS CORNER

- Department has purchased two new software's

1. **MIDAS Software** worth 4.75 lakhs which helps in structural design of Bridges.

Combining Structural Analysis capabilities with Civil Engineering specific stage analysis, push over analysis and non linear time history features, MIDAS Civil provides the necessary tools for advanced modeling, analysis and design for bridge engineer. Features include RC, Steel. PSC Bridge design, suspension and cable stayed bridge analysis, construction analysis and heat of hydration analysis etc.

2. **SAP2000 Software** worth 2.5 lakhs which helps in the design of structures.

SAP 2000, an excellent medium for education, is a general purpose civil engineering software ideal for analysis and design of any type of structural system. Basic and advanced systems, ranging from 2D to 3D of simple geometry to complex, may be modeled, analyzed, designed and optimized using a practical and intuitive object based modeling environment that simplifies and streamlines the engineering process.

Integrated modeling templates, code based loading assignments, advanced analysis options, design optimization procedures and customizable output reports all coordinate across a powerful platform to make this SAP2000 software especially useful for students.

NOTE: An exclusive training on SAP2000 and MIDAS software's :-

Department of Civil Engineering planned to conduct workshops on these to software's in the month of February 2014. To make the students to have hands on practice on these two software's. So that students will be able to analyze, design and optimize the structural system using object based modeling environment.

TEACHING FACULTY IN OUR DEPARTMENT

S.No	Name of Faculty	Designation	Qualification
1	DR. SHASHI KUMAR GUPTA	PROFESSOR & HOD	Ph.D
2	DR. CHAPPIDI HANUMANTHA RAO	PROFESSOR	Ph.D

3	DR. YELLAMATI ESWARA RAO	PROFESSOR	Ph.D
4	DR. Y. RAMANA REDDY	VISITINGPROFESSOR	Ph.D
5	MR. VENKATESWARA RAO ATLURI	ASSOC. PROF.	M.Tech
6	MR. KANAKAMBARA RAO S	ASSOC. PROF.	M.E
7	DR. KONDA RAJASEKHARA REDDY	ASSOC. PROF.	Ph.D
8	MR. SUNDARA KUMAR PITTA	ASSOC. PROF.	M.Tech
9	DR. ASADI SIVA SANKAR	ASSOC. PROF.	Ph.D
10	MR. VENKATA RAMANJANEYULU GADE	ASSOC. PROF.	M.Tech
11	DR. BALLA SATYANARAYANA	ASSOC. PROF.	Ph.D
12	MR. K. SHYAM CHAMBERLIN	ASSOC. PROF.	M.Tech
13	MS. KATNENI PRASANTHI	ASST. PROF.	M.Tech
14	MR. KOMMINENI HEMANTHA RAJA	ASST. PROF.	M.Tech
15	MR. YERRAMSETTY HIMATH KUMAR	ASST. PROF.	M.Tech
16	MR. DENDUKURI SATISH CHANDRA	ASST. PROF.	MIS(AUSTRALIA)
17	MR. AREPALLI UMA MAHESWAR	ASST. PROF.	M.Tech
18	MR. NUKALA JITENDRA BABU	ASST. PROF.	M.Tech
19	MR. AVULA DEERENDRA PRASAD	ASST. PROF.	M.Tech
20	MR. BODAPATI GNANA RAHUL	ASST. PROF.	M.Tech
21	MR. BENDAPUDI SARATH CHANDRA KUMAR	ASST. PROF.	M.Tech
22	MR. T NAGA SESHU BABU	ASST. PROF.	M.Tech
23	MR. A. ARUN KRISHNA	ASST. PROF.	M.Tech
24	Mr. SUBBARAO	ASST PROF	M. TECH

NEWLY JOINED FACULTY MEMBERS

S.No	Name of Faculty	Designation	Qualification
1	Mr. M. Krishna M.V. Ratnam	Assistant Professor	M. Tech
2	Mr. T. Venkat Das	Assistant Professor	M. Tech

NEWLY JOINED FACULTY:

Mr.M.Krishna Mohan.V.Ratnam, who born on 17/8/1980, completed his B.Tech in Civil Engineering from S.R.K.R.Engineering college,Bhimavaram with 64%. And later completed his M.Tech (structural and construction engineering) from Kakathiya University, Warangal with 68%.He also have 10 years of hands on experience with construction field as a designer of Civil Structures.

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Mr.T.Venkat Das, who born on 28/8/88, completed his B.Tech in Civil Engineering from Sri Sunflower Engineering college, Challapalli with 66%. And later he completed his M.Tech (Computer aided Structural Engineering) from IIIT, Hyderabad with 77%. He has 2 years of experience in Design of Civil Structures.

NON TEACHING STAFF IN OUR DEPARTMENT

S.NO	NAME OF THE STAFF	DESIGNATION
1	MRS. T K . DURGA DEVI	INST MECH
2	MR. Y. KRISHNA KUMAR	LAB TECH
3	MRS. Y. BHAVANI	LAB TECH
4	MR. V. L. GANESH BABU	LAB TECH
5	MR. P. RAVI KUMAR	LAB TECH
6	MR. K. VENKATESWARA RAO	LAB TECH
7	MR. V. RAVI TEJA	LAB TECH
8	MR. K. SAI KUMAR	LAB.TECH
9	MR. KARIMULLASHAH. MD	PROGRAMMER
10	MR.T.BALAKRISHNA	OFF. ASST
11	MR. B. SRINU	LAB TECH
12	MR. D. SAHATHI	CAD ENGINEER

ORIENTATION LECTURES BY DEPARTMENTAL FACULTY

S. NO	NAME OF THE FACULTY	DATE	TOPIC DELIVERED
1	Dr. Shashi Kumar Gupta	4 th JAN 2014	Activated Sludge Process and its modifications
2	Dr. A. Siva Sankar	4 th JAN 2014	Water Resources Management using Remote Sensing and GIS
3	Dr. CH Hanumantha Rao	11 th JAN 2014	Microzonation
4	Mr. P. Sundar Kumar	11 th JAN 2014	Open Channels
5	Dr. K. Raja Sekhara Reddy	18 th JAN 2014	Solid Rain An Improved Irrigations Technology
6	Mr. G. V. Ramanajaneyulu	18 th JAN 2014	Stress Intensity Factor
7	Mr. A. V. Rao	25 th JAN 2014	Flexibility and Stiffness matrices
8	Mr. S. Kankambara Rao	25 th JAN 2014	Deformations

CONSULTANCY WORKS

Consultancy Tests Conducted In Our Department for Different Clients from the Period December 2013.

DECEMBER 2013			
S. No.	Date	Name of the Client	Tests
1	3/12/2013	T. Bhaskara Rao, Contractor, Guntur	WMM, GSB, Mix
2	5/12/2013	V.S.S. Constructions, Gudivada, Krishna (Dist)	Soil, Mix Design
3	11/12/2013	AEE TLC, Civil sub Division, Guntur	Sand, 20mm, 40mm
4	13/12/2013	Asst. Executive Engineer, RWS & Section, \Rajupalem	Soil
5	13/12/2013	HPCL, Gas plant, Kondapalli	Survey Work
6	13/12/2013	Durga Malleswara Swamy varla Devastanam, Vijayawada	Cubes, Bricks
7	17/12/2013	V.S.S. Constructions, Gudivada, Krishna (Dist)	Soil, Mix Design
8	19/12/2013	Durga Malleswara Swamy varla Devastanam, Vijayawada	Cubes
9	20/12/2013	T. Bhaskara Rao, Contractor, Guntur	WMM, GSB
10	24/12/2013	BPCL, Kondapalli	Cubes
11	24/12/2013	VNS, Readymix, Kondapalli	Cubes
12	28/12/2013	Executive Engineering, Miryalaguda	Material Testing's
13	28/12/2013	V. Sanjeeve Reddy, Contractor, Cherukurapadu, Zarugumalli	Steel, Mix

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14	30/12/2013	IJM India Infra Structure Ltd, Number	Cubes, Beams
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Faculty Participated outside KLU

S. No	Name of the Faculty	Event name	Place	Date
1	Dr. CH. Hanumantha Rao	Seminar on PAGES	RVR & JC Engineering college	25 th Jan 2014
2	Mr. K. Shyam Chamberline			
3	Mr. D. Satish Chandra			
4	Mr. T. Naga Seshu Babu			

STUDENT'S PARTICIPATION OUTSIDE KLU

S. No	Name of the Student	Event Name and Place	Date	Prize
1.	Ch Bala Siva Manoj	WISSENAIR 14 IIT BHUWANESWAR Workshop on Green Buildings	17th – 19th Jan 2014	participation
	K Vamsi Krishna			
	G Satyanarana Murthy			
	M. Gopi Krishna			
	Y. Tarun Kumar			
	Nagolla Krishna Chaitanya			
	Kashyap L P			
	V Sri Venkat			
	Kallakuri Sanjay			
	M Sumanth			
P Satish Chandra				
2	B Bharathi Naidu	Saarang 14 IIT Madras	8th -9th Jan 2014	participation
	Kallakuri Sanjay	Quiz Event		
3	M Geetha Bhargav	Vignan Mahotsav 14 Vignan University	10th -11th Jan 2014	participation

		Workshop on Android App Development		
4	Raja Sekhar Venkat A	SHAASTRA 2014 IIT MADRAS Paper Presentation	Dec 2013	participation
5	P Vijay Lakshmi	Technex 14	27th Dec 2013	participation
	T Alekhya	IIT BHU, Varanasi		
	N Jyothirmai	Civil Simplified National		
	Y Shushmitha	Level Bridge Design Challenge		
6	A Prasanna Kumar	Techfest 14 IIT BOMBAY Workshop on Swarm Robotics	Dec 2013	participation
7	M Prabhu Vani	Technozion 13	Dec 2013	participation
	P Vijay Lakshmi	NIT Warangal		
	T Alekhya	Workshop on Bridge		
	N Jyothirmai	Design of Fabrication		
	Y Shushmitha			

- A one day National Seminar on PAGES was held at RVR & JC Engineering College Guntur on 25th January 2014. Selected faculty of the department and students attended this seminar. They also visited the Jain Temple on Guntur highway. The temple is constructed without the use of any cement mortar or steel reinforcement and is a site worth visiting by all civil engineers. The following students participated in the event.

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STUDENT NAMES		ID NO'S
1.	KASHYAP.LPANCHAL	12002019
2.	MANNAVA.SUMANTH	12002119
3.	G.RAVITEJA	12002136
4.	S.HARSHAVARDHAN	12002099
5.	V.SRI VENKAT	12002081
6.	CH.BALA SIVA MANOJ	12002074
7.	M.VINOD	12002028
8.	P.SANDEEP REDDY	12002059

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9. P.SARATH CHANDRA	12002125
10. M.PRASHANTH REDDY	12002110
11. K.VAMSI KRISHNA	12002097
12. K.SANJAY	12002030
13. T.AVINASH	12002088
14. G.HEMANTH	12002185
15. K.ANIL	12002139
16. A.SASI KUMAR	12002187
17. B.BHARATHI NAIDU	12002033
18. P.SANTOSH KUMAR	12002107
19. S.K.SUHAIL	12002112
20. U.RAKESH	12002049
21. S.D. MUNEER	12002106
22. M.D.APSAR HUSSAIN	12002130
23. A.SAI SANDEEP	12002103
24. A.DAJAY KUMAR	12002018
25. G.VAMSHI KRISHNA	12002012
26. K.ALEKH KUMAR	12002160
27. K.SAIRAMESH	12002080
28. B.HEMANTH	12002086
29. D.BRAHMA REDDY	12002057
30. N.VENKATESWARA RAO	12002094
31. P.VENKATESH	12002063
32. K.SATISH	12002161
33. J.SAI SRINIVAS	12002087
34. R.V.SAI ANUTEJ	12002092
35. A. MANOJ	12002032
36. Y.NAGARJUNA	12002118
37. T.KEDHARSRI RAM	12002096
38. S.V.MANOJ KUMAR	12002064
39. A.SURYA PRAKASH	12002073
40. Y.RAVI	12002169
41. G.SAI SARAN	12002034
42. S.SAI RAM REDDY	12002142
43. K.CHARANYA	12002043
44. NAFEEZA NAZMA	12002020
45. C.HARISH KUMAR	12002016
46. N Krishna Teja	12003306

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