



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

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FROM THE EDITOR:

I am happy to present our monthly news letter, the Civil July 2016 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	Gurikini. Lalitha	Assoc.Professor	M.Tech
2	Afshan. Sheikh	Asst. Professor	M.Tech
3	Shahul. Shahabas	Asst. Professor	M.Tech
4	Velpula. Sree Lakshmi	Asst. Professor	M.Tech

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

April 2016 to June 2016

April 2016			
S. No.	Date	Name of the Client	Tests
1	1/4/2016	Deputy Executive Engineer(R&B), Guntur	Mix Design
2	1/4/2016	Dr. Jaswanth, Tenali	Cubes
3	1/4/2016	IJM (India) Infrastructure Ltd, Numbur	Soil, Bricks
4	1/4/2016	Sri RL Construction, Tadepalli	Cubes

5	1/4/2016	A. Suresh , Kunchanapalli	NDT
6	1/4/2016	Srinivasa Constructions	Cubes
7	4/4/2016	K. Venkateswarlu, AEE, Drainage Sub Division, Ponnur	Soil
8	5/4/2016	Srinivasa Edifice Pvt Ltd	Ballast
9	5/4/2016	Srinivasa Edifice Pvt Ltd	Ballast
10	5/4/2016	Siri Estates	Cubes, Sand, Bricks
11	6/4/2016	Dr. Jaswanth, Tenali	NDT
12	13/4/2016	Madhavi Engg Construction, Devarapalli	Steel
13	22/4/2016	V. Ramanjaneya Reddy, Nandyla	Mix Design, Steel
14	22/4/2016	G&J Infra, Kunchanapalli	Cubes
15	23/4/2016	V. Jayaram, Contrctor, Guntur	Soil
16	25/4/2016	Mr. P. Santha Rao, Project Head	Soil
17	27/4/2016	Mr. P. Santha Rao, Project Head	Soil
May 2016			
S. No.	Date	Name of the Client	Tests
1	3/5/2016	Srinivasa Edifice Pvt Ltd	Ballast
2	5/5/2016	Shyam Babu	NDT
3	5/5/2016	Mr. S. Prasad Reddy, Contractor, Nellore	Ballast
4	10/5/2016	Mr. P. Venkateswarlu, Amaravathi	Material Testing
5	11/5/2016	Patel Engineering Ltd, VJA	SDBC, DBM
6	11/5/2016	VS Engineers	BM and SDBC
7	11/5/2016	Dr. Jaswanth, Tenali	Cubes

8	13/5/2016	G&J Infra, Kunchanapalli	Cubes
9	13/5/2016	G&J Infra, Kunchanapalli	Cubes
10	14/5/2016	Siri Estates, VJA	Cubes, Bricks
11	18/5/2016	SRT Constructions	Mix Designs
12	13/4/2016	Executive Engineer, PIPRMC Division No.5, VJA	Soil
13	21/05/2016	B.V.S.R Construction Pvt Ltd, Hyd	Mix Designs
14	25/5/2016	Soma Enterprises	Core Cubes
15	27/5/2016	Dy Executive Engineer, PRE Dept, Repalle	Mix Designs
16	27/5/2016	Sudhakar Infra tech Pvt Ltd, HYD	Mix Designs
17	28/5/2016	Dy Executive Engineer, Driange Sub Division, Tenali	Steel
18	28/5/2016	Samruddhi Constructions	Cubes
19	28/5/2016	SRT Constructions	Steel
20	31/5/2016	HPCL, Kondapalli	Wetting charges
June 2016			
S. No.	Date	Name of the Client	Tests
1	1/6/2016	Deputy Executive Engineer, PR Piu Sub Division, Movva	Mix Designs
2	1/6/2016	Vishnu Engg & Contractors, Ongole	Soil
3	3/6/2016	Executive Engineer, Krishna Central Division, VJA 2	Mix Designs, Steel
4	7/6/2016	K. Shivaji, Krishna Lanka, VJA	Water
5	10/6/2016	Mr. Y. Vekata Reddy, Contrator, Amarathi	Mix Designs
6	13/6/2016	Assistant Engineer (R& B) Section-II, Mylavaram	BM and SDBC
7	15/6/2016	Mr. P.V.D Prasad, Tadepalli	Cubes

8	16/6/2016	IJM (I) Infrastructure Ltd	Steel
9	17/6/2016	Deputy Executive Engineer, Endowment Dept, Gnt	Material Testing
10	20/6/2016	Sri harsha Construction, HYD	Soil
11	24/6/2016	Siri Estates, Vja	Cubes
12	24/6/2016	Soma Enterprises	Core Cubes
13	25/6/2016	Mr. P. Chandra Reddy & Co, Tirupathi	Material Testing
14	25/6/2016	Bridge and Roof co India, Kondapalli	Water
15	28/6/2016	V. Shiva Nath, VJA	Cubes
16	30/6/2016	V.S.S Constructions	Cubes

Faculty Development Programs & ORIENTATION LECTURES

S.No	Name of the Programme	Name of the Faculty	Date	Venue
1.	Chemical Attack on Concrete	Dr. M. Anjaneya Prasad	09.04.16	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		
		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		
		Ms. K. Sai Kala		
		Mr. V .Raju		
		Mr. S. S. Bhanu Prakash		
		Mr. PraneethBabu		
		Dr. A. V. S. Prasad		
2.	Chemical Attack on Concrete	Dr. Ch. Hanumantha Rao		
		Dr. V. Ranga Rao		
		Mr. P. Sundar Kumar		
		Dr. N, Srujana		
		Mrs. G. Lalitha		
		Ms. K. Prashnathi		
		Mr. Y.Himmath Kumar		
		Mr. N. JitendraBabu	22.06.2016	K.L.University
		Mr. B. S. Chandra Kumar		
		Mr. P. Venkat Das		
		Mr. I. Siva Kishore		
		Mr. S. S. Bhanu Prakash		
		Mr. J. D. Chaitanya Kumar		
		Mr. P. Venkat Sharath		
		Ms. K. Sai Kala		
		Mr. Raju		
		Mr. PraneethBabu		
		Ms. Afshan Sheikh		

		Mr. S. Shahabas		
		Mr. Sai Pradeep		
		Mrs. V. Sree Lakshmi		
		Mr. D . Satish Chandra		

Faculty Publications

S.No.	Name of the Faculty	Title	Journal Name/ Conference Proceedings	Index
1.	Bhavya Bhanu Sigirisetty, SS. Asadi and A.V.S .Prasad	A Multi-Stage, Multi Criteria Approach for Solid Waste Disposal Site Design and Management: A Model Study	National Conference on Environment and Renewable Energy (NCEE	ISBN: 978-93-5230- 117-1
2.	Mitta Siva Krishna Reddy and Dr. Y. Sreeramulu	Resource Flow Mapping to Work Flow- a Simulation through Daily Progress Reports in Construction Projects	National Conference on Environment and Renewable Energy (NCEE	ISBN: 978-93-5230- 117-1
3.	T. Ravi Teja and B.G.Rahul	Financial Viability of Bot Road Projects in India	National Conference on Environment and Renewable Energy (NCEE	ISBN: 978-93-5230- 117-1
4.	Skazeez Ahamed and K.Neeharika	Analysis of Factors Affecting Failure of Construction Projects	National Conference on Environment and Renewable Energy (NCEE	ISBN: 978-93-5230- 117-1
5.	Dr. V. Ranga Rao	Green Concrete	National Conference on Environment and Renewable Energy (NCEE	ISBN: 978-93-5230- 117-1
6.	Mandava Geetha	Design of Circular Flat	National Conference	ISBN: 978-93-5230-

	Bhargava and J. D Chaitanya Kumar	Bottom Tank Using C++ Programme	on Environment and Renewable Energy (NCEE	117-1
7.	Y. Anand Babu, Divyakrishna and N. Pallava Kumar	Partial Replacement of Fine Aggregates with Tandur Tile Dust	National Conference on Environment and Renewable Energy (NCEE	ISBN: 978-93-5230-117-1
8.	Hanumantha Rao, Dheeraj Mehta, P. Aswin Prakash, Harshavardhan Gaddam and Ch. Kilaru Eswar Sai Vamsi Krishna	Stabilization and Comparison of Black Cotton Soil with Bagasse Ash and Coir Pith Ash	National Conference on Environment and Renewable Energy (NCEE	ISBN: 978-93-5230-117-1
9.	Dr.A.SIVA SANKAR(2203)	“Preparation Of Concrete Using With Waste Over Burnt Bricks As A Partial Replacement Of Coarse Aggregate An Experimental Study	International Journal of Applied Environmental Sciences ISSN 0973-6077	Volume 10, Number 4
10.	Dr.A.SIVA SANKAR	“Evaluation of Land use Land Cover Impacts on Environmental Parameters in municipal corporation of Vijayawada, A.P”	International Journal of Advanced Scientific and Technical Research	volume 3, Issue 6 May –June 2016 , ISSN 2249-9954
11.	Dr.A.SIVA SANKAR	“CREATION OF GEOSPATIAL BASED DATA FOR WATER AND AIR QUALITY MANAGEMENT USING GIS”	International Journal of Advanced Scientific and Technical Research	Issue 6 volume 3, May –June 2016, ISSN 2249-9954.
12.	Dr.A.SIVA SANKAR	A Self-Regulated Module for Vehicle Interior Ventilation	Indian Journal of Science and	Vol 9(18), May 2016, ISSN (Online)

		System.	Technology,	: 0974-5645
13.	S.S Bhanu Prakash	COST AND TIME OVERRUNS IN INDIAN CONSTRUCTION INDUSTRY	Industrial Science	ISSN: 2347-5420 Volume - 2 Issue - 4
14.	J.D.Chaitanya Kumar	Experimental Studies on Glass Fiber Concrete	American Journal of Engineering Research(AJER)	ISSN: 2320-0847 Volume - 5 Issue - 5
15.	I.Siva Kishore	A study on waste Utilization of Marble Dust in High Strength Concrete Mix	International Journal of Civil Engineering And Technology (IJCET)	Volume-6, Issue- 12 ISSN Print: 0976- 6308, ISSN Online: 0976-6316
16.	S. Srikanth Reddy	Soil Retaining in Shallow Excavations by Casuarina Poles	Civil Engineering and Construction Review	Volume- 29. No. 02 ISSN 0975-9034
17.	Dr.A.SIVA SANKAR	Evaluation of soil quality using Geospatial technology	International Journal of Applied Chemistry.	ISSN 0973-1792 Volume 12, Number 1
18.	Dr.CH.Hanumantha Rao	Strenth Characteristics of Expansive Soil and Murrum using quarry dust	Electronic Journal of Geotechnical Engineering	Vol.21
19.	N.Jitendra Babu	Comparision of Strength parameters between RCC frame and shear wall	Asian journal of Multi disciplinary Studies	Vol.3,Issue-2
20.	Dr.A.SIVA SANKAR(2203	."Geospatial Data Based Modelling For Evaluation Of Soil Properties: A Modal Study"	International Journal of Applied Environmental Sciences	ISSN 0973-6077 Volume 11, Number 1
21.	J.D.Chaitanya Kumar	Quantitative study of howe truss(A-Type) and Parallel Chord Scissor Trus(B-Type) by Applying External Pre- Stressing	International Journal of Engineering Research &Technology	Vol.5,Issue 01, ISSN:2278-0181
22.	Sundara Kumar, P.	"Rainfall-Runoff Modelling using Modified NRCS-CN, RS and GIS - A Case Study."	International of Journal of Engineering Research and Application.,	ISSN: 2248-9622, 6(2),
23.	Sundara Kumar, P.	"Artificial Neural Network	International Journal	ISSN: 1738-

		Model for Rainfall-Runoff - A Case Study,	of Hybrid Information Technology, Korea.	9968, 9(3),
24.	Dr.A.SIVA SANKAR	CRUMB RUBBER UTILIZATION IN PAVEMENTS TO IMPROVE THE DURABILITY: AN EXPERIMENTAL STUDY	International journal of Applied ENVIRONMENTAL Sciences	Volume 11, Number 9
25.	Dr.A.SIVA SANKAR	“AN EXPERIMENTAL MODEL DESIGN DEVELOPMENT STUDY FOR COLLECTION OF SOLID WASTE FROM DRAINAGES”	International Journal of Advanced Scientific and Technical Research	Issue 6 volume 2, March. –April. 2016, ISSN 2249-9954,
26.	Dr.A.SIVA SANKAR	MODELLING OF PUBLIC TRANSIT SHIFT BEHAVIOUR AND MODE CHOICE IN URBAN CONTEXT: A CASE STUDY OF GUNTUR CITY”	International Journal of Advanced Scientific and Technical Research	Issue 6 volume 3, May –June 2016, , ISSN 2249-9954.
27.	Dr.CH.Hanumantha Rao	GEOTECHNICAL PROPERTIES OF QUARRY DUST	Electronic Journal of Geotechnical Engineering	Vol.21(2016)
28.	Dr.A.SIVA SANKAR(2203)	Geospatial data based modeling for evaluation of physico chemical properties of Ground water: A Case study.	International Journal of Applied Environmental Sciences	ISSN 0973-6077 Volume 10, Number 6 (2015),
29.	Dr.A.SIVA SANKAR(2203)	SPATIAL DATA BASE CREATION FOR EFFECTIVE IRRIGATION MANAGEMENT : A MODEL STUDY	International Journal of Applied Environmental Sciences	ISSN 0973-6077

30.	J.D.Chaitanya Kumar	DESIGN OF FLAT BOTTOM CIRCULAR TANK USING C++ PROGRAMME	International journal OF ngineering sciences & management research ISSN 2349-6193	Vol.2 (Iss.12) ISSN:2349-6193
31.	J.D.Chaitanya Kumar	STATE OF ART OF USAGE OF ALTERNATIVE MATERIALS IN CONCRETE	International journal OF ngineering sciences & management research ISSN 2349-6193	Vol.2 (Iss.12) ISSN:2349-6193
32.	T.VENKAT DAS	BLENDED CEMENT CONCRETE	International journal OF ngineering sciences & management research ISSN 2349-6193	Vol.2 (Iss.12) ISSN:2349-6193
33.	Dr.A.SIVA SANKAR	Integrated Study For Ground Water Quality Analysis Using Remote Sensing And GIS	International Journal of Applied Chemistry	ISSN 0973-1792, volume 12,number 1
34.	Sundara Kumar, P.	Determination of Evapotranspiration Relationship for Temperature based methods with penmanmeteith method for a reginal area in Andhra pradesh	International Journal of Applied Engineering Research (IJAER)	ISSN 1087-1090, volume 10,number 3