CIRCULAR

The Department of Civil Engineering will be organizing three days' workshop on "ETABS SOFTWARE "at new building Seminar hall from 16-3-2015 to 18-3-2015. All the students are here by informed to attend the same and make the event success.

Further information regarding the event can be found with following faculty and student in charge.

Faculty coordinator:

Dr. Vijayalakshmi Akella

Student coordinator:

R - Punithkumar

Head of the Department

Professor & Head
Dept. of Civil Engineering
K.S. Group of Institutions
K.S. School of Engineering & Management
Bangalore-560 062.

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K S GROUP OF INSTITUTIONS

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

No. 15, Mallasandra, off Kanakapura Road, Bengaluru - 560109

THREE DAY WORKSHOP ON

ETABS SOFTWARE

16-03-2015 to 18-03-2015

Organized by

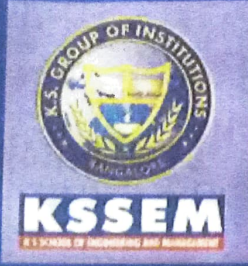## DEPARTMENT OF CIVIL ENGINEERING

Professor & Head
Dept. of Civil Engineering
K.S. Group of Institutions
K.S. School of Engineering & Management
Bengaluru-560062

Timings: 8.40 am-3.50 pm

Venue: New building seminar hall, KSSEM

KAMMAVARI SANGHAM (R) - 1952

K S GROUP OF INSTITUTIONS

K.S.SCHOOL OF ENGINEERING AND MANAGEMENT

#15, Mallasandra, off. Kanakapura Main Road, Bengaluru - 560 109
Tel : 080 - 28425012 / 13 / 163, Fax : 080 2842 5164. www.kssem.edu.in

KSSEM

Kammavari Sangham(R)-1952
66 Years
19522018

Department of Civil Engineering

Certificate of Appreciation

Mr. /Ms. _____DARPAN·K_____, student of ___KSSEM___

College has participated in the ___3-DAYS WORKSHOP ON "ETABS SOFTWARE"___

Event organized by Department of Civil Engineering, K.S.School of Engineering and Management,

held on ___16-03-2015 to 18-03-2015___.

HEAD OF THE DEPARTMENT   PRINCIPAL

K.S.SCHOOL OF ENGINEERING AND MANAGEMENT
DEPARTMENT OF CIVIL ENGINEERING
ATTENDANCE FOR WORKSHOP ON
"ETABS SOFTWARE"
ACADEMIC YEAR 2014-15

Sl.No	USN	Name	Attendance		
			16-03-2015	17-03-2015	18-03-2015
1	1KG10CV024	PRITHVIRAJ	A	A	A
2	1KG11CV003	ALI T SHARIFF	A	A	A
3	1KG11CV016	MEGHA K	Megha K	Megha K	Megha K
4	1KG11CV025	R PUNITHKUMAR	Punithkumar	A	A
5	1KG11CV027	RAKESH C B	Rakesh CB	Rakesh CB	Rakesh CB
6	1KG12CV001	ABHISHEK GOWDA .B	AbhishB	AbhishB	AbhishB
7	1KG12CV003	ARUN KUMAR H	Arun	Arun	Arun
8	1KG12CV004	BATTA KARTHIK	A	A	A
9	1KG12CV005	CHANDRASHEKAR G	Chandrashekar	Chandrashekar	Chandrashekar
10	1KG12CV006	CHETHAN BABU M	Chethan Babu	Chethan Babu	Chethan Babu
11	1KG12CV007	DARPAN K	Darpan	Darpan	Darpan
12	1KG12CV008	DILIP K K	DKK	DKK	DKK
13	1KG12CV009	GURAPAKONDA PRANEETH	A	A	A
14	1KG12CV010	HINDU PRIYA K	Hindupriya	Hindupriya	Hindupriya
15	1KG12CV012	KARTHIK T D	Karthik	Karthik	Karthik
16	1KG12CV013	KARUNA C M	Kun CM	Kun CM	Kun CM
17	1KG12CV014	KEERTHI PRASAD M	Keerthi	Keerthi	Keerthi
18	1KG12CV015	KIRAN KUMAR .M. U	Kiran	Kiran	Kiran
19	1KG12CV016	KIRAN V	Kiran V	Kiran V	Kiran V
20	1KG12CV018	M AGNIMITHRA	MAgni	MAgni	MAgni
21	1KG12CV019	MANOHAR A	Manohar	Manohar	Manohar
22	1KG12CV020	MANOJIT BISWAS	A		A
23	1KG12CV021	MEGHAN GOWDA J S	Meghan	Meghan	Meghan
24	1KG12CV022	MOHAN M B	MMB	MMB	MMB
25	1KG12CV023	MRUDULA N GOWDA	Mrudula	Mrudula	Mrudula
26	1KG12CV024	NADEEM MUSHTAQ	A	A	A
27	1KG12CV026	NANDISH S V	Nandish	Nandish	Nandish
28	1KG12CV027	NAVYA R	Navya.R	Navya.R	Navya.R
29	1KG12CV028	PAVITHRA C	Pavithra	Pavithra	Pavithra
30	1KG12CV029	POOJA C	Pooja.C	Pooja.C	Pooja.C
31	1KG12CV030	POOJA C N	PoojaCN	PoojaCN	PoojaCN
32	1KG12CV031	POOJA R	Pooja R	Pooja R	Pooja R
33	1KG12CV033	PRASHANTH KUMAR	A	A	A
34	1KG12CV035	RACHAN A R	Rachana	Rachana	A
35	1KG12CV036	SANDEEP N	Sandeep	A	Rachana A

36	1KG12CV037	SANDESH K R			
37	1KG12CV038	SANTOSH S			
38	1KG12CV039	SHALINI GOWDA S K			
39	1KG12CV042	SPOORTHY H S			
40	1KG12CV043	SUKANTA SEN	A	A	A
41	1KG12CV044	SUNIL K R			
42	1KG12CV045	SUNIL KUMAR J			
43	1KG12CV046	SURYA PRAKASH V			
44	1KG12CV052	VINUSHA T R			
45	1KG12CV053	VIVEKANANDA B			
46	1KG12CV054	VIVIAN LAWRENCE SEQUEIRA			
47	1KG12CV401	ARAVIND			
48	1KG13CV400	ARUN KUMAR E	A	A	A
49	1KG13CV401	ATLURU NAGARJUNA	A	A	A
50	1KG13CV402	DARSHAN R			
51	1KG13CV403	DEVENDRAPPA M T	A	A	A
52	1KG13CV405	JNANADEV G R			
53	1KG13CV406	LAVA KUMAR G R	A	A	A
54	1KG13CV407	MALLIKARJUNA SHANKRAPPA KONANAKOPPA	A	A	A
55	1KG13CV409	MUKESH B R			
56	1KG13CV410	NAVEEN P			
57	1KG13CV411	NUTHAN KUMAR K			
58	1KG13CV412	PRASHANTH KUMAR K V			
59	1KG13CV413	RAGHU C			
60	1KG13CV414	RAVIKUMAR HANDRAL	A	A	A
61	1KG13CV415	SHIVAPRASAD B S	A	A	A
62	1KG13CV416	TARUN KUMAR B	A	A	
63	1KG13CV417	VIJAYKUMAR K V	A		

Signature:

Faculty Co-ordinator:

1. Dr. Vijay Aekal
2. Veerendra Kumar

HOD
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Bangalore-560 062.

K.S.SCHOOL OF ENGINEERING AND MANAGEMENT
DEPARTMENT OF CIVIL ENGINEERING
REPORT FOR WORKSHOP ON ETABS SOFTWARE
ACADEMIC YEAR 2014 -15

Extended three-Dimensional analysis of building system (ETABS). it's a kind of software generally used for structural analysis of building or any structure. ETABS specialist in Design of Vertical Element like Columns and Shear walls. generally, this software is used by civil engineers. at present most of the industry adopt this software for analysis across the globe. **Error! Reference source not found.** shows ETABS software used for analysis of a multi-storey building.

- Modelling: How to work with the physical member-based objects and thus require less time in creation of the model and interpretation of the results.
- Concrete Frame Design & Detailing: Applicable to line objects and the program determines the appropriate design procedure when the analysis is run.
- Steel Frame Design & Detailing: How to detail the process using various design code algorithms for steel member selection, stress checking and drift optimization.
- Steel Connection Design: Design of steel connections is seamlessly integrated within the program.
- Composite Beam: Auto select-section property can be defined to composite beams to determine their sizes for analysis.
- Dynamic Analysis: Various options from response spectrum analysis to large deformation nonlinear time analysis.

Steps involved in ETABS analysis of a building:

Step 1: the geometry of the structure that includes defining number of grids, stories and similar stories

Step 2: define material properties, define sectional properties and define loading cases

Step 3: assign proper of column, beams and slabs. Assign support.

Step 4: run analysis

Step 5: control results

The results give the area of the reinforcement which is the drafted using the AutoCAD software.

Signature:
Faculty Co-ordinator:
1. Dr. Vijay Arekal
2. Veerendra Kumar .Mule