



**KSSEM**  
K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

ಕಮ್ಮವರಿ ಸಂಘ (ರಿ) 1952



# 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



Timings: 8.40 am-3.50 pm

Venue: New building seminar hall, KSSEM



KAMMAVARI SANGHAM (R), 1952

# K.S. School of Engineering and Management

Approved by AICTE-1-5279601, Affiliated to VTU, Belagavi

#15, Near Vajarahalli, Mallasandra, off Kanakapura Road,

Bengaluru - 560 109, www.kssem.edu.in

Tel : +91 80 28425012/013/163, Fax : +91 80 2842 5164, Mob : 8884444408

Date: 19-02-2015

To,

CSI Engineering Software

Subject: Request letter for conducting workshop

Dear Sir/ Madam,

Apart from lectures, workshops add on to students' knowledge. In this regard, Department of Civil Engineering would like to welcome you to conduct workshop on ETABS Software for the students of IV year from 16-03-2015 to 18-03-2015.

Necessary arrangements for this will be made and confirmation of the same may please be communicated as soon as possible.

Dr. Vijayalakshmi Akella

Head of Civil Engineering Department

K.S. School of Engineering & Management

Dept. of Civil Engineering

K.S. Group of Institutions

K.S. School of Engineering & Management

Bangalore-560 002



**K. S. SCHOOL OF ENGINEERING AND MANAGEMENT - 560 109**

**DEPARTMENT OF CIVIL ENGINEERING**

**CIRCULAR**

**Date: 13/03/2015**

The Department of Civil Engineering will be organizing a "Workshop on ETABS Software" on 16-03-2015 to 18-03-2015. All students are hereby informed to attend the same and make the event success.

**Signature:**

**Faculty Co-ordinator:**

**Head-Department**

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

**Student Co-ordinator:**





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**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](http://www.kssem.edu.in)




## 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" organized by  
Department of Civil Engineering, K.S.School of Engineering and Management, held on 16-03-2015  
to 18-03-2015

  
FACULTY CO-ORDINATOR

  
HEAD OF THE DEPARTMENT

**K.S.SCHOOL OF ENGINEERING AND MANAGEMENT**  
**DEPARTMENT OF CIVIL ENGINEERING**

**REPORT ON WORKSHOP**  
**"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.

ETABS software is used for analysis of a multi-story building.

1. 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.
2. Concrete Frame Design & Detailing: Applicable to line objects and the program determines the appropriate design procedure when the analysis is run.
3. Steel Frame Design & Detailing: How to detail the process using various design code algorithms for steel member selection, stress checking and drift optimization.
4. Steel Connection Design: Design of steel connections is seamlessly integrated within the program.
5. Composite Beam: Auto select-section property can be defined to composite beams to determine their sizes for analysis.
6. 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

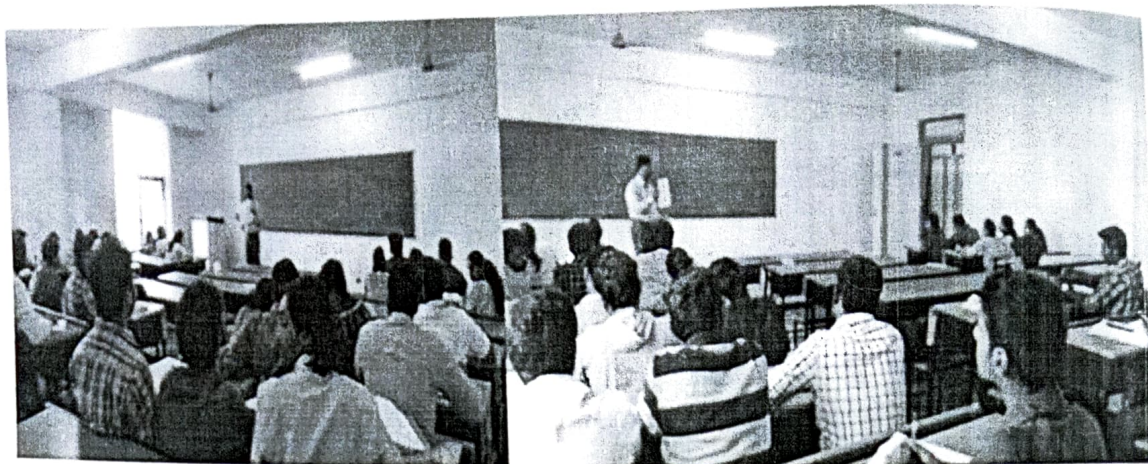
Step 3: assign proper of column, beams and slabs. Assign support.

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. Vijayalakshmi Akella
2. Veerendra Kumar M

*Akella*  
*V. Kumar*

*Akella*  
**HOD**

Dr. P. S. Rao  
 Head  
 of Engineering  
 Institutions  
 Engineering & Management  
 Bangalore-560 062.



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K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE

## DEPARTMENT OF CIVIL ENGINEERING

### ETABS SOFTWARE: 2014-15

SL. NO	USN	STUDENT NAME	ATTENDANCE		
			16-03-2015	17-03-2015	18-03-2015
1	1KG10CV024	PRITHVIRAJ	Prithviraj	Prithviraj	Prithviraj
2	1KG11CV003	ALI T SHARIFF	Ali T Shariff	Ali T Shariff	Ali T Shariff
3	1KG11CV016	MEGHA K	Megha K	Megha K	Megha K
4	1KG11CV025	R PUNITHKUMAR	Punith	Punith	Punith
5	1KG11CV027	RAKESH C B	Rakesh	Rakesh	Rakesh
6	1KG12CV001	ABHISHEK GOWDA B	Abhishek B	Abhishek B	Abhishek B
7	1KG12CV003	ARUN KUMAR H	Arun Kumar	Arun Kumar	Arun Kumar
8	1KG12CV004	BATTA KARTHIK	Batta Karthik	Batta Karthik	Batta Karthik
9	1KG12CV005	CHANDRASHEKAR G	Chandrashekar G	Chandrashekar G	Chandrashekar G
10	1KG12CV006	CHEZHAN BABU M	Chethan Babu	Chethan Babu	Chethan Babu
11	1KG12CV007	DARPAN K	Darpan K	Darpan K	Darpan K
12	1KG12CV008	DILIP K K	Dilip K K	Dilip K K	Dilip K K
13	1KG12CV009	GURAPAKONDA PRANEETH	G.Praneeth	G.Praneeth	G.Praneeth
14	1KG12CV010	HINDU PRIYA K	Hindu Priya	Hindu Priya	Hindu Priya
15	1KG12CV012	KARTHIK T D	Karthick T D	Karthick T D	Karthick T D
16	1KG12CV013	KARUNA C M	Karunach	Karunach	Karunach
17	1KG12CV014	KEERTHI PRASAD M	Keerthi	Keerthi	Keerthi
18	1KG12CV015	KIRAN KUMAR M U	Kirankumar	Kirankumar	Kirankumar
19	1KG12CV016	KIRAN V	Kiran V	Kiran V	Kiran V
20	1KG12CV018	M AGNIMITHRA	Magnimithra	Magnimithra	Magnimithra
21	1KG12CV019	MANOHAR A	Manohar A	Manohar A	Manohar A
22	1KG12CV020	MANOJIT BISWAS	Manojit	Manojit	Manojit
23	1KG12CV021	MEGHAN GOWDA J S	Meghan Gowda	Meghan Gowda	Meghan Gowda
24	1KG12CV022	MOHAN M B	Mohan M B	Mohan M B	Mohan M B
25	1KG12CV023	MRUDULA N GOWDA	Mrudula	Mrudula	Mrudula
26	1KG12CV024	NADEEM MUSHTAQ	Nadeem	Nadeem	Nadeem
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



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30	1KG12CV029	POOJA C	Pooja C	Pooja C	Pooja C
31	1KG12CV030	POOJA C N	Pooja C.N	Pooja C.N	Pooja C.N
32	1KG12CV031	POOJA R	Pooja R	Pooja R	Pooja R
33	1KG12CV033	PRASHANTH KUMAR	Prashanth Kumar	Prashanth Kumar	Prashanth Kumar
34	1KG12CV035	RACHAN A R	Rachan A R	Rachan A R	Rachan A R
35	1KG12CV036	SANDEEP N	Sandeep N	Sandeep N	Sandeep N
36	1KG12CV037	SANDESH K R	Sandesh K R	Sandesh K R	Sandesh K R
37	1KG12CV038	SANTOSH S	Santosh S	Santosh S	Santosh S
38	1KG12CV039	SHALINI GOWDA S K	Shalini Gowda S K	Shalini Gowda S K	Shalini Gowda S K
39	1KG12CV042	SPOORTHY H S	Spoorthy H S	Spoorthy H S	Spoorthy H S
40	1KG12CV043	SUKANTA SEN	Sukanta Sen	Sukanta Sen	Sukanta Sen
41	1KG12CV044	SUNIL K R	Sunil K R	Sunil K R	Sunil K R
42	1KG12CV045	SUNIL KUMAR J	Sunil Kumar J	Sunil Kumar J	Sunil Kumar J
43	1KG12CV046	SURYA PRAKASH V	Surya Prakash V	Surya Prakash V	Surya Prakash V
44	1KG12CV052	VINUSHA T R	Vinusha T R	Vinusha T R	Vinusha T R
45	1KG12CV053	VIVEKANANDA B	Vivekananda B	Vivekananda B	Vivekananda B
46	1KG12CV054	VIVIAN LAWRENCE SEQUEIRA	Vivian Lawrence Sequeira	Vivian Lawrence Sequeira	Vivian Lawrence Sequeira
47	1KG12CV401	ARAVIND	Aravind	Aravind	Aravind
48	1KG13CV400	ARUN KUMAR E	Arun Kumar E	Arun Kumar E	Arun Kumar E
49	1KG13CV401	ATLURU NAGARJUNA	Atluru Nagarjuna	Atluru Nagarjuna	Atluru Nagarjuna
50	1KG13CV402	DARSHAN R	Darshan R	Darshan R	Darshan R
51	1KG13CV403	DEVENDRAPPA M T	Devendrappa M T	Devendrappa M T	Devendrappa M T
52	1KG13CV405	JNANADEV G R	Jnanadev G R	Jnanadev G R	Jnanadev G R
53	1KG13CV406	LAVA KUMAR G R	Lava Kumar G R	Lava Kumar G R	Lava Kumar G R
54	1KG13CV407	MALLIKARJUNA SHANKRAPPA KONANAKOPPA	Mallikarjuna Shankrappa Konanakoppa	Mallikarjuna Shankrappa Konanakoppa	Mallikarjuna Shankrappa Konanakoppa
55	1KG13CV409	MUKESH B R	Mukesh B R	Mukesh B R	Mukesh B R
56	1KG13CV410	NAVEEN P	Naveen P	Naveen P	Naveen P
57	1KG13CV411	NUTHAN KUMAR K	Nuthan Kumar K	Nuthan Kumar K	Nuthan Kumar K
58	1KG13CV412	PRASHANTH KUMAR K V	Prashanth Kumar K V	Prashanth Kumar K V	Prashanth Kumar K V
59	1KG13CV413	RAGHU C	Raghu C	Raghu C	Raghu C
60	1KG13CV414	RAVIKUMAR HANDRAL	Ravikumar Handral	Ravikumar Handral	Ravikumar Handral
61	1KG13CV415	SHIVAPRASAD B S	Shivaprasad B S	Shivaprasad B S	Shivaprasad B S
62	1KG13CV416	TARUN KUMAR B	Tarun Kumar B	Tarun Kumar B	Tarun Kumar B



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63	1KG13CV417	VIJAYAKUMAR K V	<i>Vijayakumar</i>	<i>Vijayakumar</i>	<i>Vijayakumar</i>
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Signature:

*[Signature]*  
Department Co-ordinator

*[Signature]*  
Head of the Department

Professor & Head  
Dept. of Civil Engineering  
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