

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

Report on Expert Lecture Conducted on 17/03/2021, FN

By

Mr.Y.Sai Charan

DATE: 17/03/2021

Department of Civil Engineering conducted a expert lecture on “**Applications of Software’s in Civil Engineering - ETABS**” dated 17/03/2021 for B.Tech (CIVIL III year Students) as per the approval of HoD.

Mr. D.Ramachander, Assistant Professor has introduced the invited speaker **Mr.Y.Sai Charan** to the participants by citing his profile and he was presented a flower bouquet.

Mr.Y.Sai Charan addressed the gathering on the following concepts.

- i. Introduction to Design Softwares.
- ii. Codal Provisions to be taken for Design softwares.
- iii. RCC & Steel design elements.
- iv. How to Model a structure using ETABS.
- v. Reading the output file through ETABS.

He also addressed the students about the application of Design Software’s in Civil engineering profession.

The lecture strengthen the following POs & PSOs of the department:

PO 1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2: Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

Report on Expert Lecture Conducted on 17/03/2021 AN

By

Mr.B.Santhosh

DATE: 17/03/2021

Department of Civil Engineering conducted a expert lecture on “**Applications of Software’s in Civil Engineering - REVIT**” dated 17/03/2021 for B.Tech (CIVIL III year Students) as per the approval of HoD.

Mr. D.Ramachander, Assistant Professor has introduced the invited speaker **Mr.B.Santhosh, General Manager, CANTER CADD, ECIL, Hyderabad**, to the participants by citing his profile and he was presented a flower bouquet.

Mr.B.Santhosh addressed the gathering on the following concepts.

- i. Introduction to REVIT Software.
- ii. How to Model a building using Revit.
- iii. Insertion of interiors in the plans.
- iv. Elevation designs.

He also addressed the students about the application of Design Software’s in Civil engineering profession.

The lecture strengthen the following POs & PSOs of the department:

PO 1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2: Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.



PRINCIPAL
Geethanjali College of Engg. Tech.
Cheeraj (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

PO 12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs):

PSO 1: Apply knowledge in core areas of Civil Engineering such as Structural, Geotechnical, Water Resources, Transportation and Environmental Engineering to Civil Engineering practice.

PSO 2: Utilize Civil Engineering principles that are appropriate to produce detailed drawings, design reports, quantity and cost estimates, specifications, contracts and other documents appropriate for the design, construction, operations and maintenance of Civil Engineering projects.

PSO 3: Shall interact and collaborate with stakeholders; execute quality construction works applying Civil Engineering tools namely, Total Station, Global Positioning System (GPS), ArcGIS, AutoCAD, STAAD and other necessary tools.

Expert Lecture Coordinators

G.Raju, Asst.Prof, CED

D.Ramachander, Asst.Prof, CED


HOD/CE


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301

Hyderabad
15.03.2021

To
The Head of the Department,
Geethanjali College of Engineering & Technology,
Cheeryal,
Hyderabad.

Respected Sir,

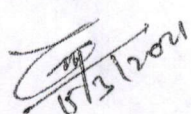
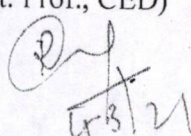

It is proposed to organize an expert lecture on "ETABS and REVIT" software's for III-year Civil Engineering students on 17.03.2021 as per the following schedule.

Date	Time	Target Audience	Venue	Resource Person
17.03.2021	FN:9.00 AM- 12.30PM	III year (Section A&B)	N-209, Civil Dept.	Mr. P. Sai Charan, Trainer, Canter CADD, ECIL, Hyderabad
17.03.2021	AN: 1.30 PM- 3.30 PM			Mr. B. Santhosh, Manager, Canter CADD, ECIL, Hyderabad

With regards,

G. Raju (Asst. Prof., CED)
Mobile: 9492213263

D. Ramachander (Asst. Prof., CED)
Mobile: 9441113196


15/3/2021

15/3/21

PRINCIPAL
Geethanjali College of Engg. Techn.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

Applications of softwares in
Civil Engineering

Date: 17/03/2021

FN 8 AN.

S. No.	Roll No.	Name	Section	Signature
1.	18R11A0171	D. Preetham Kumar	3-B ₁	
2.	18R11A0165	B. Tejaswara Reddy	3-B ₁	
3.	18R11A0169	Ch. Uday Kumar	3-B ₁	
4.	18R11A0105	B. Kalyani	3-A ₁	B. Kalyani
5.	18R11A0102	A. Krishnaja	3-A ₁	A. Krishnaja
6.	18R11A0147	R. Snigdha	3-A ₂	
7.	18R11A0110	G.V.S. Dikshitha	3-A ₁	
8.	18R11A0107	B. Megana	3-A ₁	B. Megana
9.	18R11A0115	D. Jayashree	3-A ₁	
10.	18R11A0113	C. R. Jayashree	3-A ₁	
11.	18R11A0122	J. Akshaya	3-A ₁	
12.	18R11A0114	D. G. Hasika	3-A ₁	Hasika
13.	18R11A0121	G. Sneha	3-A ₁	
14.	19R15A0101	K. Akhila Yadav.	3-A ₂	
15.	19R15A0107	G. Shilpa	3-A ₂	
16.	19R15A0102	A. Jagrithi	3-A ₂	Jagrithi
17.	19R15A0108	G. Vyshnavi.	3-B ₂	
18.	18R11A0166	B. Akhila	3-B ₁	B. Akhila
19.	18R11A0166	V. Pallavi Reddy	3-B ₂	
20.	18R11A0148	P. Chandana Reddy	3-B ₂	
21.	18R11A01B1	S. SAI ROOPA	3B ₂	
22.	18R11A01B5	V. J. Elizabeth	3B ₂	
23.	18R11A0197	M. Varsha	3B ₂	
24.	18R11A0104	A. Anil Reddy.	3-A ₁	
25.	18R11A0138	M. Sai Kiran	3-A ₂	mst
26.	19R15A0105	E. Harsha Varshan Reddy	3-A ₂	
27.	18R11A0189	L. Nagaraju	3-B ₁	
28.	18R11A0163	A. Navreen	3-B ₁	
29.	19R15A0113	G. Vishal.	3-B ₂	
30.	18R11A0170	Ch. sudheer	3-B ₁	
31.	18R11A0187	K. Anitha	3-B ₁	
32.	19R15A0110	B. Prudhvi	3-B ₂	
33.	18R11A0141	P. Sai Ram	3-A ₂	
34.	18R11A0167	B. Abhilash	3-B ₁	
35.	18R11A01B7	Y. Mahendran	3-B ₂	

PRINCIPAL

Geethanjali College of Engg. Tech.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

S. No.	Roll No.	Name	Section	Signature
36.	18R11A0149	R. Rakesh	A ₂	Rakesh
37.	18RUAD0132	L. Vasanth	A ₁	L. Vasanth
38.	18RUAD0116	B. Vishal Varma	A ₁	Vishal
39.	18RUAD0136	M. Sampath Kumar	A ₂	Sampath
40.	18R11A0133	M. Nagesh Kumar	A ₁	Nagesh
41.	18R11A0128	K. Satish	A ₁	Satish
42.	18R11A0173	D. Nithin	B ₂	Nithin
43.	18R11A01A2	N. Sandeep	B ₂	Sandeep
44.	18R11A01A9	P. Vinay Bhargava	B ₂	Vinay Bhargava
45.	18R15A0103	E. Sudhakar Reddy	A ₂	Sudhakar
46.	18R15A0104	G. Suresh	A ₂	Suresh
47.	18R11A0176	G. Raghuvendra Reddy	B ₁	Raghuvendra
48.	18R11A0119	Ch. Rakesh	A ₁	Rakesh
49.	18R11A0182	K. Mahesh	B ₁	Mahesh
50.	18R11A0123	K. Ajay Kumar	A ₂	Ajay
51.	18R11A0153	S. Ajay Reddy	A ₂	Ajay
52.	18R11A0134	M. Rakesh Reddy	A ₁	Rakesh
53.	18R11A0155	T. V. Dharm Kumar	A ₂	Dharm
54.	18R11A0128	G. Yeshuvarthi	B ₁	Yeshuvarthi
55.	18R11A0175	G. Sumanth Gowd	B ₁	Sumanth
56.				
57.				
58.				
59.				
60.				

Co-ordinators:

D. Ramachandras, Asst. Prof. CED - 12/3/21

G. Raju, Asst. Prof. CED - 12/3/21

PRINCIPAL

Geethanjali College of Engg. Tech.
Cheerla (V), Keesara (M), R.R. Dist. (A.P.) - 501 301



Applications of Software in Civil Engineering -ETABS software-
17/3/2021

PRINCIPAL *Swe*
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301



Applications of Software in Civil Engineering -ETABS software-
17/3/2021

Sale

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeruvu (V), Keesara (M), Medchal Dist.(T.S.)-501 301