

Civil Engineering Department

Two Days Workshop on "Analysis and Design of RCC Structures using SAP2000 v 18"



Two Days Workshop
On
Analysis and Design of RCC Structures using SAP2000 v18
23th - 24th September, 2016

CHIEF PATRON
Dr. D. R. Shah
Provost, UTU

PATRON
Dr. N. C. Shah
Director, CGPTT

CONVENER
Mr. Kamlesh N. Gandhi
lead, Civil Dept., CGPTT

SPEAKER
Rahul N. Prajapati
Assistant Professor
Civil Engineering Department
Dharmsinh Desai University, Nadiad
M. Tech. (Structural Engineering),
B.E. (Civil Engineering)

CO-ORDINATORS
Ms. Palak Trivedi, Asst. Prof.
Ms. Disha Parmar, Asst. Prof.

ORGANISING COMMITTEE
Ms. Urvi Rathod, Asst. Prof.
Ms. Kosha Pachhigar, Asst. Prof.
Ms. Unnati Bhagat, Asst. Prof.
Ms. Kinjal Mistry, Teaching Asst.

ORGANIZED BY
Department of Civil Engineering
C. G. Patel Institute of Technology
Uka Tarsadia University
Bardoli, Dist. Surat.

CHIEF-PATRON
Dr. Dinesh R. Shah

PATRON
Dr. Navin C. Shah

CONVENOR
Mr. Kamlesh N. Gandhi

COORINATOR
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Ms. Disha Parmar

ORGANIZING MEMBERS
Ms. Urvi Rathod
Ms. Kosha Pachhigar
Ms. Unnati Bhagat
Ms. Kinjal Mistry

SPEAKER
RAHUL N. PRAJAPATI
ASSISTANT PROFESSOR
CIVIL ENGINEERING DEPARTMENT
DHARMSINH DESAI UNIVERSITY
NADIAD

Inaugural Function

DATE: 23rd September, 2016, Friday

TIME 10:00 am to 10:30 am

VENUE: Manjula Hall

SCHEDULE

23rd September 2016 (Friday)

08:30 – 09:45	Breakfast and Registration
10:00 – 10:30	Inaugural Function and Group Photo
10:30 – 12:00	Session I Introduction to Structural Analysis and Sap 2000 V18.1.1
12:00 – 12:30	Lunch
12:30 – 14:00	Session II Modelling of Basic Structural Elements (viz. Beam, Plane Frame, Space Frame) and Comparison of the Results with classical solutions
14:0 – 14:15	High Tea
14:15 – 15:45	Session III Analysis of Space Frame Structure with Lateral Loads and Design

Venue: MSc-IT Lab, UTU

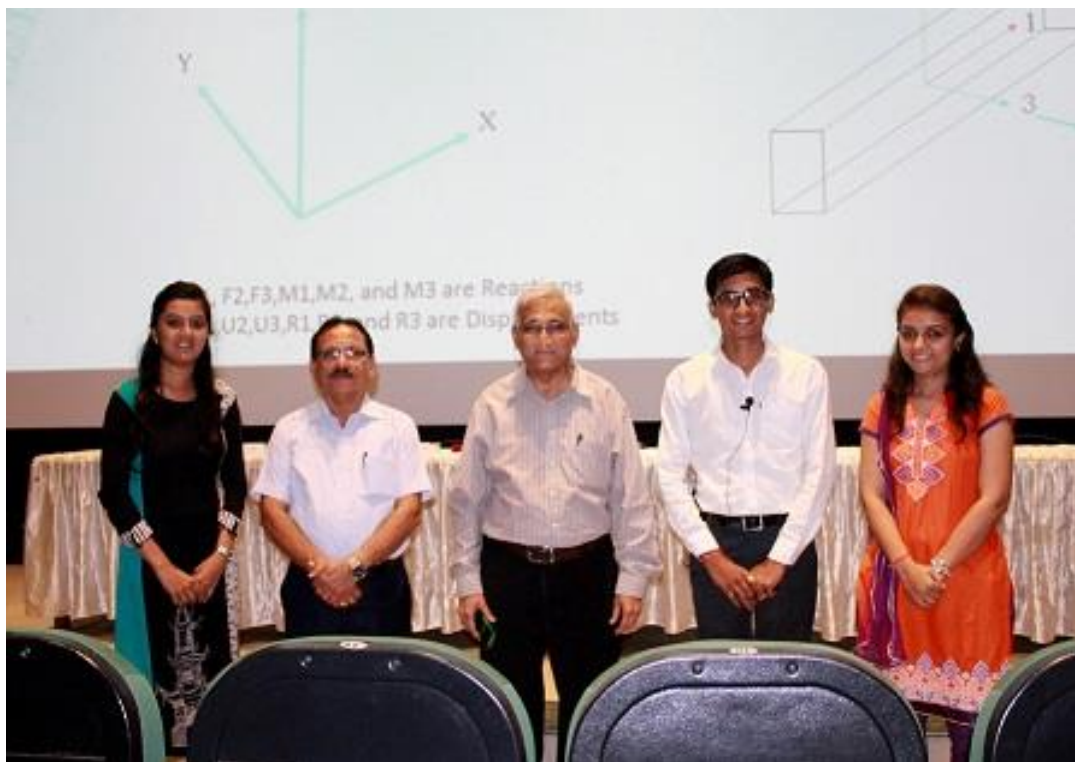
24th September 2016 (Saturday)

08:30 – 09:00	Tea
09:00 – 10:30	Session I Finite Element Analysis of Slab, Miscellaneous Commands in SAP2000
10:30 – 11:15	Lunch
11:15 – 12:45	Session II Hands on SAP2000
12:45 – 13:00	High Tea
13:00 – 15:30	Session III Hands on SAP2000
15:30 – 16:00	Valedictory Function

Inauguration of Workshop



GROUP PHOTO

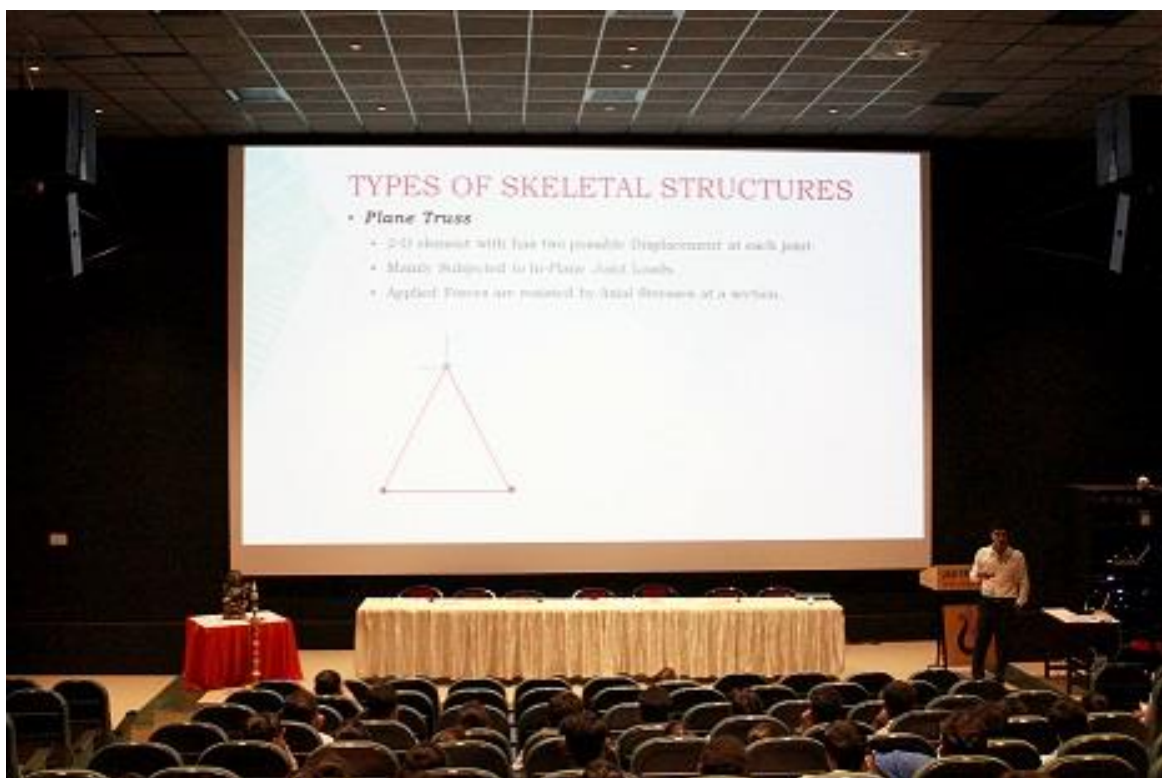


PARTICIPANTS



SESSION 1:

It was basic introduction to structure analysis and brief introduction to software.



SESSION 2:

It has covered all aspect of analysis and design in SAP2000 software. Different problems for beam and frame was solved and verified.



Session 3:

It has covered modelling using finite element method and modelling of shear wall in software. Along with that hands-on session was started for simple beam problem.

Session 4:

It was hands-on session for beam, frame, 3-D frame, shear wall modelling.

Felicitation:



Feedback analysis:

