



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE



Department of Civil Engineering

WORKSHOP

OF

‘STADD PRO SOFTWARE’

Session_2017-18

A

REPORT ON WORKSHOP

OF

STADDPRO SOFTWARE

28 AUGUST 2017



Organized by

**DEPARTMENT OF CIVIL ENGINEERING,
PCE CAMPUS**

Mr. Alok Kumar

Mr. Balwan

Event Co-coordinator

Mr. MOHAMMED TARIQUE

(HOD Civil, Department)

BROCHURE:



OBJECTIVE:

To enhance the skills of students like Designing, taking different challenges, designing different structure, problem-solving techniques & how to work in Software. One can create new world with his ideas and innovations. A civil engineer can built or create many structures with unique ideas which can serve as betterment of society. So an engineer require certain skills to developed which help in all these work such as team work ,thought process, quick decision ,taking challenges for betterment of society, designing a structure ,management, creativity etc.

EXPECTED RESULTS OF THE ACTIVITY:

By this activity student got the proper knowledge about the working of STAAD. PRO. Also they got the ideas how to operate the software and applying the theoretical knowledge in the designing tool.

INSTRUCTOR:

Mr. Rajesh Verma

Passed out in 2010 from Regional College Of Engineering

Post – Owner of Lakshya Engineering Institute.

A brief description of Activities

Activity is totally driven by students of 3rd year, civil branch. This activity was conducted for Half day.

Venue- NB-31 CIVIL Dept. Time –12:10-3.30pm

28 August, 2017

We started our Workshop at 12:10 PM dated 28 August 2017 there were around 60 students and 2 faculty members. In which Poornima Foundation provided a seminar hall in which the students were seated. The instructor arrived at our Seminar Hall around 12:10 pm. Then we started our Workshop session, every student was very curious and excited about the workshop.

We perceived in the workshop session in following stages

SLOT – I (GEOMETRY)

SLOT – II (ASSIGNING PROPERTY)

SLOT – III (APPLYING LOADING)

SLOT – IV (ANALYSING AND DESIGNING STRUCTURE)

SLOT – V (QUANTITY TAKEOFF)

SLOT – I (GEOMETRY):

- Foundation is the lowest part of structure below ground level which provides a base for the building.
- Accurate structure geometry has to be modeled in the software in order to get précised results of analysis.

What we learned from foundation

We learn that the how a structure can be created as a model in the software

Department of Civil Engineering


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SLOT – II (ASSIGNING PROPERTIES):

We learned that how concrete and steel members are assigned with the desired dimensions.

SLOT – III (APPLYING LOADS):

Columns & Beams are load bearing members which transfers the load on building to the foundation. We apply different load cases as per the requirement of the structural design.

SLOT – IV (ANALYSING AND DESIGNING):

Analysis of the structure so created is done in order to check the incoming loads, Reactions, Moments, Deflections. Design of Concrete is done as per the IS: 456 design code and the required values of steel and concrete area for a particular concrete member are easily determined.

SLOT – V (QUANTITY TAKEOFF):

The required amount of concrete and steel is determined from the quantity takeoff, and an estimate can be prepared with the help of these values.



PARTICIPANTS:

The activity was well carried out. There was full of excitement as well as enthusiasm among student of civil “B” section 6th semester 3rd year. There were 60 students participants and faculty members fully experienced in their following field, and are as follows Mr. Alok Kumar (TOS). Mr. Balwan (Highway Engineering)

Poornima College of Engineering		
Department of Civil Engineering		
List of Students (Session 2017-18) - III Year		
B. Tech. (Civil Engineering)		
S. No.	Enrolment ID / College ID	Name of the Student
1	PCE15CV001	ABHINAV KUMAR
2	PCE15CV002	ABHISHEK RATHI
3	PCE15CV003	ADITI BANSAL
4	PCE15CV004	ADITYA SHARMA
5	PCE15CV063	AJAY KUMAR
6	PCE15CV005	AJAY NIRANKARI
7	PCE15CV006	AKASH SHARMA
8	PCE15CV007	AKSHAY CHAUHAN
9	PCE15CV008	ALOK JINDAL
10	PCE15CV009	AMIT KUMAR SHRESTH
11	PCE15CV010	ASHISH SAINI
12	PCE15CV011	ASHU KUMAR RAO
13	PCE15CV049	ATUL KUMAR MEENA
14	PCE15CV012	BHARAT GURJAR
15	PCE15CV013	BHARATI
16	PCE15CV014	BHUMIKA JAIN
17	PCE15CV015	DHUL CHAND MEENA
18	PCE15CV016	DIVYA BHARDWAJ
19	PCE15CV017	DUSHYANT SINGH RATHORE
20	PCE15CV027	FAISAL ALI KHAN
21	PCE15CV018	HARIOM UPADHYAY
22	PCE15CV019	ISHTEYAQUE AHMAD
23	PCE15CV020	JAGDISH KUMAR
24	PCE15CV021	JAIWARDHAN DEORA
25	PCE15CV022	JATIN KANWAT
26	PCE15CV023	KAMLESH GAURANA
27	PCE15CV024	KISHAN KUMAR

28	PCE15CV025	MANJEET KUMAR
29	PCE15CV026	MANOJ BORANA
30	PCE15CV028	MOHMMAD TASLIM KHAN
31	PCE15CV029	NISHANT JANGID
32	PCE15CV030	PANKAJ KUMAR
33	PCE15CV031	PAWAN KUMAR GOYAL
34	PCE15CV032	PRAGYA NAGAR
35	PCE15CV033	PRAKASH KUMAR SOLANKI
36	PCE15CV034	PRASHANT SHARMA
37	PCE15CV062	PRINCE KUMAR GUPTA
38	PCE15CV035	PRITESH AGRAWAL
39	PCE15CV036	RAHUL KUMAR
40	PCE15CV037	RAHUL KUMAR KUMAWAT
41	PCE15CV038	RAHUL SINGH KHARRA
42	PCE15CV039	RAJA SAHU
43	PCE15CV040	RAJAT SHARMA
44	PCE15CV041	RAJENDRA REGAR
45	PCE15CV042	RAJESH MANDA
46	PCE15CV043	RAM RAJ MEENA
47	PCE15CV044	RAMRAJ GURJAR
48	PCE15CV045	RAVI SAHU
49	PCE15CV046	RITESH KUMAR MEENA
50	PCE15CV047	SANDESH KUMAR AGARWAL
51	PCE15CV048	SANJAY SINGH SIRADHANA
52	PCE15CV050	SAURABH SAMARIA
53	PCE15CV051	SHAILENDRA KUMAWAT
54	PCE15CV053	SHIVANGI VERMA
55	PCE15CV054	SHUBHAM AGRAWAL
56	PCE15CV061	SHUBHAM MEENA
57	PCE15CV055	SURAJPAL SINGH DEORA
58	PCE15CV056	VIJAY SINGH
59	PCE15CV058	VIKASH JANGIR
60	PCE15CV057	VIKRAM MEENIA

FEEDBACK:

NIL