

IE(I) STUDENTS' CHAPTER- CIVIL
CHAPTER CODE: 388120/BVM/CV
B.V.M. ENGINEERING COLLEGE,
V.V. Nagar – 388120.



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Civil Era Report-2018

A Techfest was organised by BVM Engineering College from 5/2/2018 to 10/2/2018 in which around 500 students had participated enthusiastically.



Dignitaries Lighting the Lamp

IEI CIVIL Students chapter is organizing Technical events in Civil Era for last 2 years in the college and this time for the 3rd year we had 4 technical events and 1 expert talk being organized in college.

Event-1: Technoquest

1st round of Technoquest was held on 5th Feb at 09:00 AM in which 48 teams of 3 students each participated. 30minutes of time was given to student to solve 45 questions of Physics, mathematics and civil engineering structure related MCQ, which was well attempted by students and one of the team got 36 marks which was the highest amongst all the teams. Performance of all the teams was good but 26 teams got qualified for the 2nd round.

2nd round was Debate round in which every team has to prepare for the given-topic from home and has to do debate with other team. Total 26 debate rounds were held in class

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room E202 and E203. Jury for the debate was 4th year Training and Placement coordinator of civil engineering department Mr. Kedar Dave and Mr. Priyen Somaiya .The Debate round was held on 06/02/2018 at 09:00AM. 12 Teams were selected for the third round of the event on the basis of their technical knowhow and speaking ability.



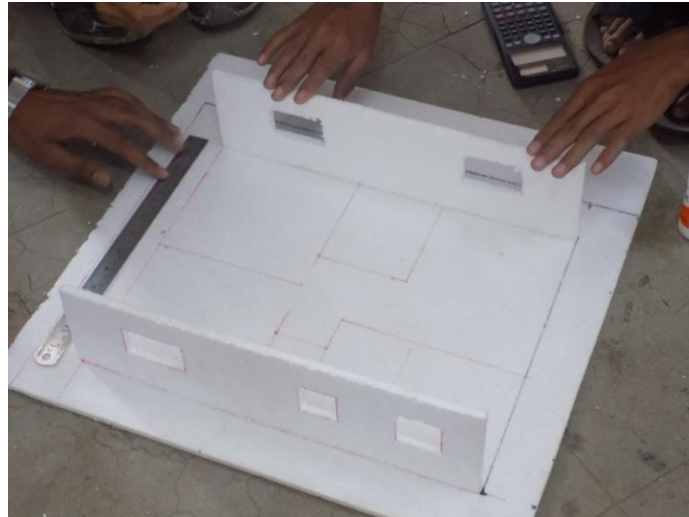
Debate Round in Progress

3rd round of event was held on 09/02/2018, which was a presentation round on topics of various civil engineering problems in India. The Jury for the event were Professor Dr. J. R. Pitroda and Dr. H. J. Chauhan from Civil engineering department of BVM. The event started at sharp 09:00 AM in which total 10 teams presented their PPT in front of the Jury. They were judged on the basis of the application of technology, presentation techniques, communication skills and their answers to the asked questions. Team of Joel paul from 2nd year was the winner and team of Harsh Desai, 2nd year was the runner's up of the event.

Event-2: Model – De – Section

Model – De – Section was the event conducted by the 3rd year students in the CIVIL ERA'18 by the event managers Satish Savani, Heet Patel and Ankit Vora. It was divided in 3 rounds. Total 58 teams were registered for the event.

The 1st round was conducted on 5th February. The technical pen paper test was conducted which consisted of 24 questions on mainly Engineering Graphics and Planning. From 58 teams we selected 29 teams for the 2nd round. The 2nd round was conducted on 6th February in which the participants had to draw a 2 BHK plan and cross section of a house with stairs inside the house. They were given 1 and half hour to draw the plan and cross section on the sheet with proper graphical representation. We selected 15 teams out of 29 on the basis of plan consisting of aspect, prospect, combination, privacy, air circulation and orientation of the house in any direction. In the 3rd round the participants had to construct a 3D model of a house of a plan which they have drawn in 2nd round with precise dimensions and on the base of 400 mm by 500 mm.



3D Model of a House in Making

The materials like thermocol sheet, cutter, glue, pins and markers were provided. They were given 2 hours to construct a 3D model of house which was cut from lintel level. They were judged by Prof. A. N. Bhavsar and Prof. H. C. Vakharia and the winner was the team from 1st year Civil and the runner up team was from 1st year as well. This event was conducted to provide students information about planning in the civil engineering field and to inspire them for the same.

Event-3: Survey It Out

It was a team event. Each team had two participants. About 60 plus team participated in the event. The event consisted of three rounds. First round was pen-paper quiz on basic surveying and engineering graphics. Each team was given 40 minutes to solve 30 questions. Seventeen teams were qualified for second round of the event. In second round they performed field survey. In the field survey they were asked to take horizontal measurements using various instruments like chain, surveyor's compass, prismatic compass and tape.

Each team was given 15 minutes to perform survey on field. Based on accuracy of their readings five teams were qualified for the third round. In the third round they had to draw sheet using the readings of round two.

Judging criteria of choosing winners were dependent upon less number of errors in their drawing, proper annotations, legends, accurate plotting and following the general drawing regulations.



Student Performing Field Survey

Stuti Parmar and Jahnvi Tandel were winners and Pranay Sharma and Divyarajsinh Jadeja were runner's up of the event. Urmin Vegad, Pritesh Sagpariya and Denish Hadiya were the event managers.

Event-4: Concour De Bridge

Concours De Bridge was the event conducted by the 3rd year students in the CIVIL ERA'18 by event managers Dharmendra Jadeja, Kanishq Sharma and Rahul Rawat. It consisted of total 65 teams. The 1st round was conducted on 8th February. The event started at 8:30 A.M. and 2 hours time was given to every team.



Bridge Samples Made by Students

The teams were given Popsicle sticks, glue, cutters, pins, scale to build a truss bridge according to the dimension criteria. Various bridges of varied trusses were made by the

participants. The event ended at 10:30 A.M. and most of the participants completed their model in the given time. They were judged by Dr. Snehal Mevada and Dr. Darshana Bhatt and the winner was the team from 2nd year Civil and the runners up team was from the 1st year.

Expert Talk by Mr. Hardik Sukhadia

An expert talk was given on 10th February, 2018 by Mr. Hardik Sukhadia (Deputy Project Manager- Ashish Infracon) on Bridges and Pile foundation at BVM auditorium. He mainly focused on various types of bridges and their classification. He also elaborated the various methods of Pile foundation and various techniques used in design of bridges.



Mr. Hardik Sukhadia Giving Expert Talk

Valedictory Function:

The event was finally concluded on 10th February by a valedictory function in which the dignitaries Mr. Hardik Sukhadia (Expert), Dr. I. N. Patel (Principal), Dr. L. B. Zala (HOD - Civil & Chairman IEI Civil), Dr. A. K. Verma (HOD - Structure), Prof. A. N. Bhavsar (Faculty Guide) & Prof. N. F. Umrigar (Advisor) remained present to acknowledge the efforts made by the students to make this event a success. In this function, firstly a video of the glimpse of the event was shown which was then followed by the prize distribution for the winners and runner's up of the event. Finally, the vote of thanks was given by Mr. Deep Lakkad (Student's Chairman IEI Civil).



Valedictory Function in Progress

The summary of the entire event is as follows:

<u>Sr. No.</u>	<u>Round</u>	<u>Date</u>	<u>Program</u>	<u>No. of Teams</u>	<u>Details of Activites</u>
1	1 st Round	5/02/2018	Technoquest	52 teams	Quiz Round
	2 nd Round	6/02/2018		26 teams	Debate Round
	3 rd Round	09/02/2018		12 teams	Presentation Round
2	1 st Round	5/02/2018	Model – De – Section	59 teams	Technical Test
	2 nd Round	6/02/2018		29 teams	Planning of 2 BHK house
	3 rd Round	09/02/2018		15 teams	Model making
3	1 st Round	5/02/2018	Survey It Out	57 teams	Quiz Round
	2 nd Round	6/02/2018		17 teams	Field Survey
	3 rd Round	09/02/2018		5 teams	Draw sheet
4	1 st Round	8/02/2018	Concour De Bridge	65 teams	Model making event

<u>Sr. No.</u>	<u>Event Name</u>	<u>Winner</u>	<u>Runners up</u>
1	Survey It Out	1. Stuti Parmar 2. Jahnvi Tandel	1. Pranay Sharma 2. Divyarajsinh Jadeja
2	Modele de section	1. Dhruv Patel 2. Hani Upadhyay 3. Parigna Kathiriya	1. Joel Paul 2. Divyraj Jadeja 3. Chandraprakash Sharma
3	Concour De Bridge	1. Amit Mali 2. Nilay Mehta 3. Brijesh Chauhan	1. Bhavin Chauhan 2. Darshan Kava 3. Yamish Bhalara
4	Technoquest	1. Joel Paul 2. Chandrapakash Sharma 3. Divyarajsinh Jadeja	1. Harsh Desai 2. Pranay Sharma 3. Insiya Garabada