



SARVAJANIK EDUCATION SOCIETY
SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY

DR. R. K. DESAI MARG, ATHWALINES, SURAT - 395001

Towards progressive civilization.....

FACULTY OF CIVIL ENGINEERING

Report of NIRMAAN-2k19

Sarvajani Education Society
Sarvajani College of Engineering & Technology
TOWARDS PROGRESSIVE CIVILIZATION...
FACULTY OF CIVIL ENGINEERING

Presents **क्षितिज**
6th - 7th September

NIRMAAN 2K19

TREASURE TO TRAFFIC
TROUBLE TOWER
DEBATE

COLREFS
QUIZ-O-MANIA
JET MANIA

HEAD OF DEPARTMENT: PROF. (DR.) PRATIMA PATEL

FACULTY HEADS:	STUDENT HEADS:	STUDENT MENTORS:
PROF. DHARMESH BHAGAT PROF.(DR.) MINAKSHI VAGHANI	SIDDH SHAH (9712934788) RUDRAKSH DESAI (7202847723)	MEET PADALIYA (9924466688) ROMA KHARWAR (8460657188)

Every year, Civil Engineering Department organises technical festival “Nirmaan” since 2014. Following this tradition, Nirmaan-2k16 was held during 6th -7th September, 2019. Students from our college had participated in various technical events of Nirmaan-2k19. We received the chartbuster response from participants by enrolling 350 entries.

We introduced various ground-breaking events like Trouble Tower, Jet Mania, Colrefs, Treasure to Traffic, Quiz-o-mania and Debate. After completion of all the events, the winners and co-ordinators were felicitated with prizes and certificates in the valedictory function which was held on 7th September 2019.

Trouble Tower (103)

It is the tower making event in which participants had prepared tower from bunch of sticks and string. Stability should be maintained after application of load for winning the event. External jury Dr. Tulesh Patel was invited for evaluating the winning criteria.

Jet Mania (47)

The winner team had maximum horizontal distance of jet through orifice in a single attempt using plastic sheets. Plastic sheet and adhesive were given to the students. Use of extra materials as well as cutting of sheet was not allowed.

Colrefs (117)

It was a technical event, In which set of different blocks were given to the team and team needs to make a structure using all blocks and considering other criteria. Total 31 teams participated in this first round. The evaluation has been done based on the stability of structure on the removal of blocks. Seven teams moved forward for a second round. In the second round, team needs to solve the puzzle of the given truss structure. Three teams declared as a winner at the end of the second round. Students took part in an event enthusiastically and enjoyed it.

Quiz - o - Mania (43)

The event was organised on 6th September, 2019 from 11 AM onwards on the third floor, Faculty of Civil Engineering, SCET, Surat. Event begun with lots of spirit and enthusiasm of the participants which have been splited in two rounds. Technical knowledge and general knowledge based questions asked in the first round. Total 30 questions were asked to cracked the first round. 35 students were participated in first round. Out of 35, total 10 students were selected for the Second round which was based on the buzzer. In second round, Total 10 photos were shown to the participants. Participants have to identify the photos based on question asked in each photos. The event ended with lots of joy and the participants gained some knowledge.

Few glimpses of events are described below.



Treasure to traffic (39)

A total of 39 students (Total 13 group) participated and successfully completed the event. Students have to catch the clue and solve the puzzle with a given time limit. There were around 20 tricky puzzles framed with fixed weightage to resolve in 22 minutes. Finally, the group of 4 students cracked the clue and captured the image available within the campus. Participants enjoyed a lot and gain the lesson about team-work, sharp brainstorming and effective time management. Finally, the event was won by group of three students within 21.04 minutes of maximum time.

Debate (01)

“It is better to debate a question without settling it, than to settle a question without debating it.” With heightened spirits, and presence of faculties to boost up the enthusiasm, students begun the event. With the technical subjects like 'Flyover or Sprawl?', the arguments not only exposed the students to the technical issues, but also they learned a lot of presentation skills. The event ended with true academic and extracurricular gains.

We extend our gratitude to Dr. Pratima Patel, Head, Faculty of Civil Engineering and all the teaching as well as non-teaching staff members of the department for making the event successful.



Thanks from Nirmaan-2k19 team

Faculty Conveners:

Prof. Dharmesh Bhagat

Dr. Minakshi Vaghani

Tech Heads:

Siddh Shah

Rudraksh Desai