



**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-2k17**



Sarvajani College of Engineering & Technology organized state level technofest KSHITIJ (Anant Gyan ki Talash Main....) was held at college level. Under the banner of KSHITIJ this year, Faculty of Civil Engineering organises “**Nirmaan 2k17**”. Following this tradition, Nirmaan-2k17 was held during 14<sup>th</sup> -15<sup>th</sup> September, 2017. Students from our college as well as other colleges of South Gujarat region had participated in various technical events of Nirmaan-2k17. We received the over whelming response from participants by enrolling 1088 entries. Er. H. S. Kohli, Executive Director, Reliance Industries Limited was invited as a chief guest for the inaugural ceremony of KSHITIJ at TIFAC Seminar Hall on 14<sup>th</sup> September, 2017. He delivered illuminating speech and motivated our students and faculty.

We initiated various catastrophic events like Abhivhyakti, Aavishkar and Abhshar. Pipe Pontoon (structural engineering related event ), X- O Island ( Traffic Engineering related event ) and Planning based event was Plan- O-CAD. IPL Auction, Debate and Dragon Ball were provided platform for students to show their zeal in such non technical events. After completion of all the events, the winners and co-ordinators were felicitated with trophy and certificates in the valedictory function which was held on 15<sup>th</sup> September 2017. Dr. S.M.

Yadav, Professor, Head of Civil Engineering Department, SVNIT, Surat has esteemed the valedictory function as a chief guest and delivered expert lecture on Flood forecasting for Banas Basin: Analysis of 2017 flood. Honourable faculty had introduced the magic words for students by delivering fruitful presentation with glimpses of events on valedictory function.

Few glimpses of events are described below.

#### **Abhivyaakti (50)**

It was based on concept, current affair and advancement in Civil Engineering field.

Presenting a paper refers to individual giving information to the general public on the findings and innovations that he has made on a particular topic.

#### **Aavishkar (84)**

Now a day there is a trend to understand various mechanism by preparing working or non working prototype – Model under which students had prepared prototype of advance parking, solar energy generation techniques used for street light, transportation models, working model of construction equipment etc.

#### **Abhishar (63)**

Poster presentation helps an individual to understand a concept without any writings on the wall. By just looking at the poster an idea would be given regarding what the theme is and what it needs to convey. It is the easiest mode of information provision.

#### **Pipe Pontoon (556)**

This event gives an opportunity to construct a bridge made out of straws so strong and sturdy that it floats on water and doesn't submerge when loaded.

#### **PLAN-O –CAD (65)**

As a part of challenge participant had prepared conceptual drawing of residential / commercial / public building by using tool AUTOCAD with considering Building BYE-Laws.

#### **Debate (20)**

It is better to debate a question without settling it, than to settle a question without debating it.” Event was based on argument especially in formal manner on a given current issue.

#### **IPL Auction & Dragon Ball (130)**

Bidding has been the trend of modern arena. This is the experience that was given to the students where they got an opportunity to bid in real time.

#### **Dragon Ball (120)**

A light hearted fun game where participants have to achieve set targets.

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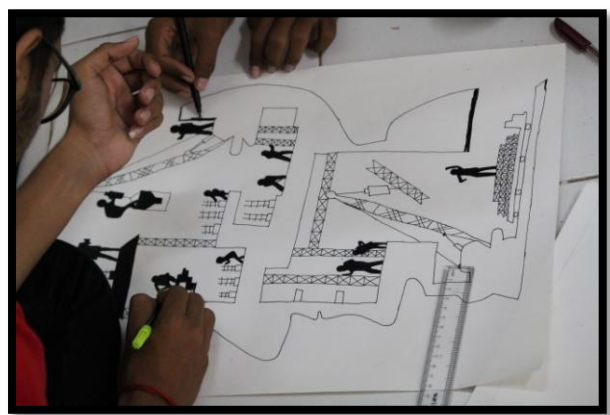
Our worthy sponsors are Shree Pujan plaza, Anthems corporation, CAD Experts, DRB Developers.



### Glimpses of Nirmaan- 2k17









## **Thanks from Nirmaan-2k17 team**

**Faculty Conveners:**

**Prof. Mitali A. Shah**

**Prof. Sejal S. Bhagat**

**Tech Heads:**

**Raj Naik**

**Naimesh Jariwala**