

Electronics and Communication Engineering Department

Accredited by National Board of Accreditation, New-Delhi for 3 years, wef July 2016

Sarvajanik College of Engineering and Technology, Surat



A Report of Symposium 2018 under the banner of Kshitij 2018

Date: 14th-15th September, 2018

Faculty Coordinators

- Prof. Vandana Shah
- Prof. Sarosh Dastoor
- Prof. Gopal Agarwal

Student Coordinators

- Ms. Honey Mangukiya
- Ms. Naitri Rajyaguru
- Mr. Rahul Punjabi
- Ms. Sannidhi Bookseller



SARVAJANIK COLLEGE OF ENGINEERING AND TECHNOLOGY

Electronics And Communication Engineering Department

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Presents



CODE CLASH

MAZE MICE

HOUSE OF GATES

SYMPOSIUM 2018

-Aspire, Innovate, Empower.

TREASURE HUNT

WAVEFORM

EUREKA

EVENTS

UNO-TECH

GYAN KA MAAN

AAVISHKAR

LASER MAZE

ABHIVYAKTI

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Faculty Coordinators :

Prof. Vandana Shah

Prof. Sarosh Dastoor

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Date : 14th-15th September

Designed by:

Shivani Rathod

Jay Kothari

Symposium Poster

URL: <https://tinyurl.com/2k18symposium>

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1. Introduction and Objectives of Symposium 2018

“Aspire, Innovate, Empower”

Electronics and Communication Engineering Department, SCET organized departmental level techno festival “SYMPOSIUM 2018” under the banner of Kshitij-2018 on 14th and 15th September 2018. It incorporated a profusion of events for the students to shine out their identity in technical as well as non-technical domain!!!

SCET organizes the technical festival ‘Kshitij – Anant Gyan Ki Talash Mein’ annually since 2002. This techfest is conducted for the students to improve their technical knowledge, managerial skills, groom their personality and explore their innovative and creative abilities.

Symposium has been the flame of knowledge burning since 1999 with the pioneering idea of Prof (Dr) Niteen Patel. It also pertains to promote research culture among the upcoming engineers thereby bridging the gap between the academics and the practical world requirements. The main goal of Symposium 2018 could be enlisted as:

- To bridge the gap between industry and academic.
- To squeeze out the inner potential and talent from the budding technocrats thereby providing a platform to reverberate their skills and ideas.
- To provide correct direction to the junior students of the Department and the college for grooming themselves to be compatible with the market, industry and societal requirements.
- To mould the budding technocrats towards the improvement in building team-work, working in group and enhancing the timely managerial skills.

Finance is the back-bone of any event for its smooth running. Worthy sponsor partners of Symposium 2018 includes **ICE Gate, SAWC (Students Activity and Welfare Counsel SCET), Tejasvini Sanskriti Charitable trust, Ms. Hetal Desai, Mrs. Nimisha Nayak, Surat People's Bank, Delfoo, and Foodies.**

Mr. Mahesh Joshi, MR-Management Representative and leader for ISO 50001, Energy Management system, L&T, India was invited as a **Chief Guest** for valedictory function (on 15th September 2018) of Symposium 2018.

Right from team-formation, events selection, registration, finance collection, poster design, participation and so on, the entire team lived whole-heartedly the moments of Symposium 2018. The theme of Symposium 2018 was ‘*Aspire, Innovate and Empower.*’ The

enthusiastic participants and organizers were the aspirants who had innovative ideas for managing the events and participating for the same to justify the empowerment of brain amalgamated with the technology.

There were total 11 events including 7 technical and 4 non-technical events. The information about each event is given in the next section:

2. Technical Events:

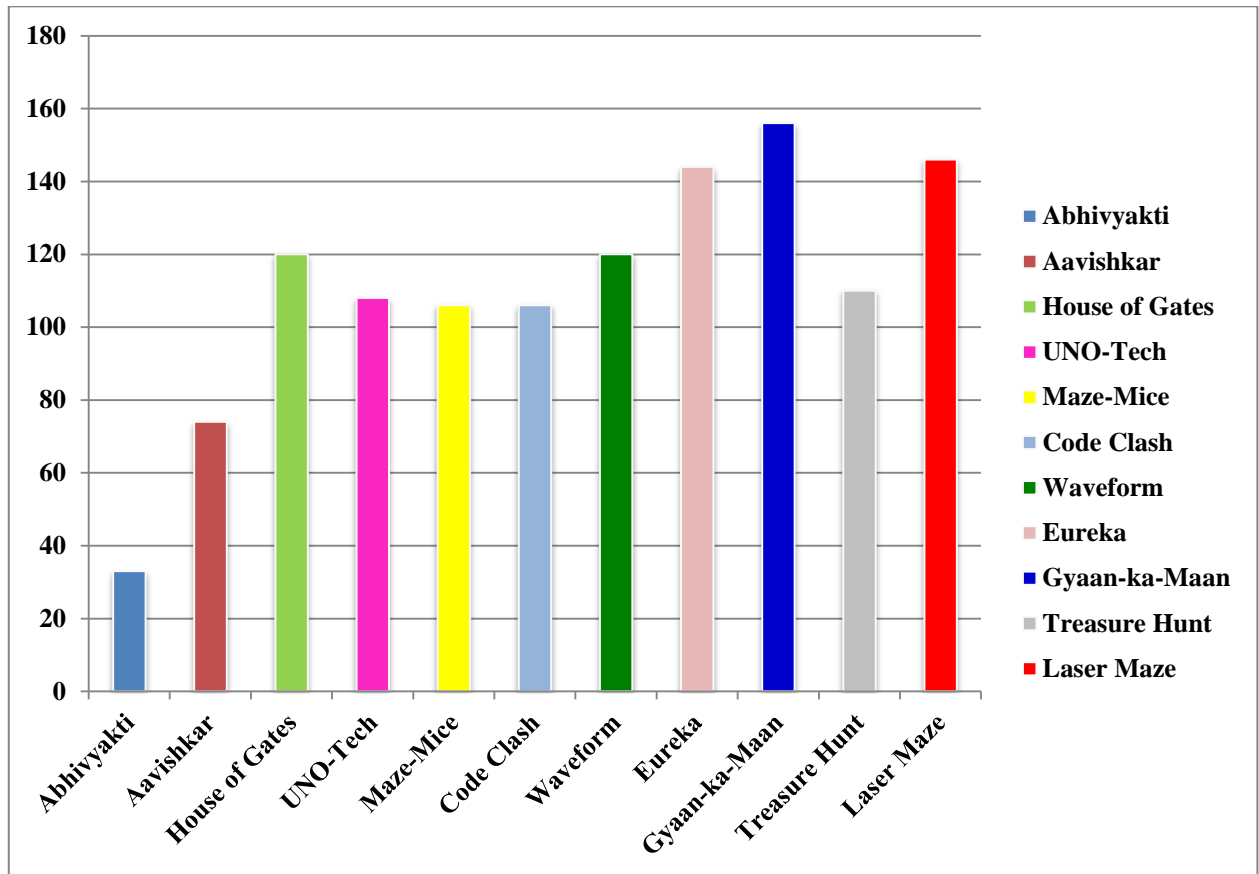
- **Abhivyakti:** It is a technical paper presentation event. The participants were required to show their technical-communication skills by presenting their thoughts in terms of well-mannered technical presentation with its report. The evaluation was made by external jury Prof Dr Amisha Shah, Asst Prof, CKPCET and Mr Harikrishna Singapuri, SVNIT.
- **Aavishkar:** It is a working model demonstration in a group of 4. It could be hardware, software or a firmware. The evaluation was made by external jury Dr Jay Joshi, Principal BM Polytechnic and Dr Shilpi Gupta, Asst Prof, SVNIT.
- **Code Clash:** It is the clash of two coding languages C and MATLAB. The programming skills of C and MATLAB are tested here. Participants were given a crossword puzzle to solve based on C, debug and build programs based on MATLAB.
- **UNO-TECH:** It is an Arduino based event testing the programming skills using Arduino-IDE software. Participants had hands-on with Arduino-Uno Board. The team was made of 3 participants; one each from first year, second year and third year of the department.
- **Waveform:** Participants were asked to draw Analog Circuit and to implement it on the bread-board. The skills of designing various circuits using operational amplifier was put to test and circuit implementation was made in the last round.
- **House of Gates:** Participants had to solve questions regarding various Digital logic circuit design and ICs.
- **Maze Mice:** It was robotics based event in which students made wired robo and were required to drive balls in the given goal-coast. The second round was blind folded with one participant and other would help orally to navigate the ball. The robo was required to pass through the given arena and reach destination within shortest period, without touching it. It was a technical event flavoured with fun.

3. Non-technical Events

- **Laser Maze:** It is the combination of technical and non-technical domain to create a maze of light. Different square patterns were provided and participants were required complete the path using mirrors and LASER.
- **Eureka:** It is the combination of mind trivia and meme creation to reach out the hidden qualities of student.
- **Treasure Hunt:** It's completely a non-technical event in which players demonstrated their hunting skills.
- **Gyan-Ka-Maan:** It's an amazing brain storming and fun filled game, bringing one back to his childhood life. It correlates the technical knowledge as well.

4. Participation for different Events of Symposium 2018

Sr No	Event	Participants
1.	Abhivyakti	33
2.	Aavishkar	74
3.	House of Gates	120
4.	UNO-Tech	108
5.	Maze-Mice	106
6.	Code Clash	106
7.	Waveform	120
8.	Eureka	144
9.	Gyaan-ka-Maan	110
10.	Treasure Hunt	110
11.	LASER Maze	146
	Total	1177



Statistics showing participation in different events of Symposium 2018

5. Outcomes of the Symposium 2018

Students of final year ECC were filled with full zeal and enthusiasm and were able to put their 100% towards the success of the event. **The outcomes could be enlisted as:**

- Students will be able to work in a team, shouldering the responsibilities and managing the team in multidisciplinary environment.
- Students gained the horizon towards the requirement of industries and the market.
- Students will be able to understand professional engineering solutions liable for the real world applications.
- Mr. Mahesh Joshi from L&T Surat, affirmed to provide IDP based Project/problem statements for the students to work as an intern or for final year project.

It was a wonderful experience amalgamating the flavor of technology with the managing team of BE IV year and participation team of BE I, II and III year ECC students. Event heads, volunteers and participants show-cased their relevance in various events of Symposium and gained maximum yield from it.

It was an attempt towards progressive civilization....

6. Glimpses of Symposium 2018



Inauguration Ceremony



Abhivyakti



Aavishkar



Maze-mice



Uno-Tech



LASER Maze



Prize distribution



Valedictory Ceremony



Team Symposium 2018