VEYG – The Tech fest

"All work and no play, makes Jack a dull boy."

And imagine the wonders Jack can achieve if that play is mingled with engineering! Fun with Learning and Technology is what VEYG is all about!

VEYG hosts a variety of events that include competitions, exhibitions, lectures as well as workshops of various engineering branches and is entirely organized by students under guidance of the faculty members.

VEYG is more than just a tech fest; it's a dynamic playground where innovation meets excitement, and learning is infused with fun. VEYG – the ultimate fusion of technology, innovation, and excitement!

At VEYG, we believe that learning should be as thrilling as it is enlightening. That's why we've created an event where engineering brilliance meets boundless enthusiasm, all organized by students with guidance from our esteemed faculty.

VEYG isn't just your typical tech fest – it's a vibrant celebration of creativity and ingenuity. From riveting competitions to eye-opening exhibitions, from inspiring lectures to hands-on workshops, VEYG offers an electrifying array of experiences for participants of all interests and backgrounds.

VEYG TECHFEST 2023

**S.P.B. PATEL
ENGINEERING COLLEGE**
SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS

VEYG2K23 Report

Faculty Coordinator:

Sr. No.	Full Name	Mobile number	E-mail
1	Prof. Sarthak Thakar	9974358041	sarthak.thakarl@saffrony.ac.in

Sr. No.	List Of event
1	Project Expo
2	Poster talk
3	Vedic Mathematics
4	Techno sketch
5	Shark Tank
6	Gully Cricket
7	Multimedia Presentation
8	Tech o modal
9	one minute game

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[POSTER TALK]

Date: 11th April, 2023

Time: ~ 10:30 AM TO 12:00 PM (1 HOUR 30 MINUTES)

Venue: Passage area Diploma

Participant: 23

No of Participant per group (In case of group has to take a part): 2

No. of expected winners: 1 Team of 2 members

Faculty Coordinator:

Sr. No.	Full Name	Mobile number	E-mail
1	Prof. Hardik Trivedi	9925075009	hardik.trivedi@saffrony.ac.in

Student Coordinators: [Bold the name of student who will be the point of communication]

Sr. No.	Enrolment Number	Full Name	Mobile number	E-mail
1	226930319028	Vaghela Janakkumar Pravinbhai	8153872628	226930319028@saffrony.ac.in
2	226930307012	Gajjar Vraj Chandrakantbhai	9426435051	226930307012@saffrony.ac.in

Introduction of the competition (8-10 lines):

Poster competitions raise awareness of issues and participation programs. Posters provide visual, colourful, simple ways to communicate community issues and events, and are suitable for display in community spaces. Topic of the Poster Talk event was "Application of AI in real life". A team of maximum 2 members should make the poster before the event and show it on the event day. The evaluation is done by the expert faculty.

Instruction/Rules:

- Participation fees Rs. 30 per student (Non Refundable).
- Maximum 2 members can participate in a team.
- Topic of the poster is the same for all the participants.
- Prepare a poster of give topic
- Students explain about product configuration for at least 10 min.

Judging Criteria: (How you will choose the winners and what will be the elimination criteria per STAGE/Level)

The judging criteria include the following:

Following is the Judging Criteria.

10 Marks: POSTER QUALITY+CONCEPT
10 Marks: PRESENTATION

Total :20 Marks

Independent judge panel will judge each project and declare the score.

Requirements:

1. 20 tables or benches.

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Photographs of the event:

One good paragraph explaining about "How the event happens?

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Total Number of winners [Individual/Team]: 05 [2 + 2 + 1]

List of the Winners:

Rank	Enroll. Number	Full Name	College Name	Branch	Mobile No.	E-mail
1	226930307006	Chauhan Maitri Birenkumar	SAFFRO NY	2ND CE	63553955 36	226930307006@saff rony.ac.in
1	226930307027	Nayak Dhruvi Rajnikant	SAFFRO NY	2ND CE	78618684 94	226930307027@saff rony.ac.in
2	226930307052	Thakkar Kajal Kanaiyalal	SAFFRO NY	2ND CE	87359272 40	226930307052@saff rony.ac.in
2	226930307032	Patel Drashti Baldevbhai	SAFFRO NY	2ND CE	81600571 42	226930307032@saff rony.ac.in
3	226930307028	Kushwaha Om Subhash	SAFFRO NY	2ND CE	91063927 45	226930307028@saff rony.ac.in

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"Gully Cricket"

Date: 11 and 12th April 2022

Time: ~ 4 hours

Venue: Behind workshop

Participant Capacity [Expected]: 10 teams

No of Participant per group (In case of group must take a part): 6

No. of expected winners: 1 Team of 6 members

No. of Stages/Levels in the event: 3

Faculty Coordinator:

Sr. No.	Full Name	Mobile number	E-mail
1	Prof. Kalpesh patel	9016055698	kalpeshc.patel@saffrony.ac.in
2	Prof. Dashrath Prajapati	6352948415	dashrath.prajapati@saffrony.ac.in

Student Coordinators: [Bold the name of student who will be the point of communication]

Sr. No.	Enrolment Number	Full Name	Mobile number	E-mail
1	206930302013	Divy Brahmbhatt	9023650925	206930302013@saffrony.ac.in
2	206930302001	Vyas Arya	9265372339	206930302001@saffrony.ac.in

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Introduction of the competition (8-10 lines):

Level	Duration	Points	Activities [minutes/Questions/Points]	Remarks
1	30 mins		1. 6 overs match of under arm bowling 2. One tip and one hand out	

Judging Criteria: (**How you will choose the winners and what will be the elimination criteria per STAGE/Level**)

The judging criteria include the following:

Level	Points	Judging Criteria
1	4 Runs	If batsman hit the grounded shot towards boundary
2	Out	If he directly hit the ball outside boundary and one tip and one hand out.

Requirements: (Projector, Desks, etc)

1. 2 Bats
2. 1 Pair stumps
3. 2 Balls
4. White powder for making boundaries
5. Score card

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Photographs of the event:

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One good paragraph explaining about "How the event happens?

The Gully Cricket event went well, and the students had a good time. Students learned patience throughout this tournament since everyone can hit huge shots but hitting shots with precise calculation is tough. Students were also taught team management.

List of the Winners:

Rank	Enroll. Number	Full Name	College Name	Branch	E-mail
1	226930319015	Neev Prajapati	S.P.B. PATEL ENGINEERING COLLEGE	MECHANICAL	226930319015@saffrony.ac.in
1	226930319017	Vedant Prajapati	S.P.B. PATEL ENGINEERING COLLEGE	MECHANICAL	226930319017@saffrony.ac.in
1	226930319014	Armankhan Pathan	S.P.B. PATEL ENGINEERING COLLEGE	MECHANICAL	226930319014@saffrony.ac.in
1	226930319013	Amankhan Pathan	S.P.B. PATEL ENGINEERING COLLEGE	MECHANICAL	226930319013@saffrony.ac.in
1	226930319028	Janak Vaghela	S.P.B. PATEL ENGINEERING COLLEGE	MECHANICAL	226930319028@saffrony.ac.in
1	226930319006	Shiv Mali	S.P.B. PATEL ENGINEERING COLLEGE	MECHANICAL	226930319006@saffrony.ac.in

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[ONE-MINUTE GAME]

Date: 12th April, 2023

Time: ~ 1 hours

Venue: Amphethetre

Participant Capacity : 22

No of Participant per group (In case of group has to take a part): NA

No. of winners: 2

Faculty Coordinator:

Sr. No.	Full Name	Mobile number	E-mail
1	Prof. Visat Kumar patel	9904140646	visat.patel@saffrony.ac.in

Student Coordinators: [Bold the name of student who will be the point of communication]

Sr. No.	Enrolment Number	Full Name	Mobile number	E-mail
1	216930306011	**PATEL DEV PARESHKUMAR**	7874697193	216930306011@safrrony.ac.in
2	216930306012	**PATEL DEEP PARESHKUMAR**	7874697192	216930306012@safrrony.ac.in

Introduction of the competition (8-10 lines):

This event is based on one minute. Students can participate in 1 member each. In this event students will play different types of games and they have to finish the located target in a minute, so in this event students show their physical as well as mental skill and all the semester students can participate in this event.

Instruction/Rules:
- Participation fees Rs. 20 per student (Non Refundable).
- Students have only one minute to finish the target.

Judging Criteria: (How you will choose the winners and what will be the elimination criteria per STAGE/Level)

The judging criteria include the following:

Following is the Judging Criteria.

50 Marks: Time

50 Marks: Target

Total :100 Marks

Independent judge panel will judge time and target and then declare the score.

Requirements:

1. 2 jute bag

2. 2 bucket

3. 5 ball

4. One ring

5. Triangular shape paper cone

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Photographs of the event:

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One good paragraph explaining about "How the event happens?

So in the beginning of this event we decided to make this event very funny as well as very competitive. In this event students have to show their physical ability as well as mental ability also,moreover they have to show their all ability in a single minute so we decided to play this event at our amphitheatre.We need some basic stuff to finish this event very beautifully in this event we need two jute bag, two plastic bucket as well as 5 or 6 bounce ball , one soft round ring and one triangular shape cone. Students have to wear a jute bag and finish the winning line in one minute. In bucket ball game they have to cross their hand on neck and pick the ball from first bucket and drop the ball at other side bucket they have to done this in one minute,maximum number of ball count for winning the price.In ring on cone game students have to target a cone and they have to done this in a 3 number of try, maximum number ring will be count for winner at the end of this all three game we have three winner and then we play one more bucket game to decide 2-winner.

Total Number of winners [Individual/Team]:

(Example: 3*4 → 3 teams of 4 members)

List of the Winners:

Rank	Enroll. Number	Full Name	College Name	Branch	Mobile No.	E-mail
1	216930319006	Shwet Patel	s.p.b.patel engg college	2nd Mechanical Engineering	7567328088	216930319006@saffrony.ac.in
2	2269303190011	Ankit Chandel	s.p.b.patel engg college	2nd Mechanical Engineering	9898068136	2269303190011@saffrony.ac.in

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[MULTIMEDIA PRESENTATION]

Date: 12th April, 2023

Time: ~ 1.30 hours

Venue: ROOM NO. 333

Participant Capacity [Expected]: 20

No of Participant per group (In case of group has to take a part):2

No. of expected winners: 3 Group

Faculty Coordinator:

Sr. No.	Full Name	Mobile number	E-mail
1	Prof. Kalpesh patel	9016055698	kalpeshc.patel@saffrony.ac.in
2	Prof. Dashrath Prajapati	6352948415	dashrath.prajapati@saffrony.ac.in

Student Coordinators: [Bold the name of student who will be the point of communication]

Sr. No.	Enrolment Number	Full Name	E-mail
1	206930319023	Nayak Maharsh	206930319023@saffrony.ac.in
2	206930302015	Varma Darshin	206930302015@saffrony.ac.in

Introduction of the competition (8-10 lines):

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This event is based on a Presentation. In this Event students gave the presentation on any engineering topic and topic should be selected by the student themselves. For the presentation the student make animation of any machine , make a short film or video and simple power point presentation but student who make the animation give 1st priority to win the competition

Instruction/Rules:

- Participation fees Rs. 20 per student (Non Refundable).
- Topic Must be related to Engineering
- Make the animation of any working model
- Prepare the Presentation on the topic
- Come in formal dress.
- Don't use mobile phones during the presentation

Judging Criteria: (How you will choose the winners and what will be the elimination criteria per STAGE/Level)

The judging criteria include the following:

Following is the Judging Criteria.

20 Marks: Topic selection plus 5 marks who make the animation

10 Marks: Presentation skills

10 Marks: Explain about their topic

10 Marks: Q/A

Total :50 Marks

Independent judge panel will judge each project and declare the score.

Requirements:

1. 10 benches.

2. Projector Room

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Photographs of the event:

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Total Number of winners [Individual/Team]:

List of the Winners:

Rank	Enroll. Number	Full Name	College Name	Branch
1	206930302004	Vatsal Manishbhai Thumar	**Saffrony Institute of technology**	**Automobile**
2	226930319004	Priya Bhati	**Saffrony Institute of technology**	**Mech.**
2	206930319032	Girishma Parmar	**Saffrony Institute of technology**	**Mech.**

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[VEDIC MATHEMATICS]

Date: 11th April, 2023

Time: 10.30am to 12.30pm

Venue: Passage area Diploma

Participant Capacity [Expected]: 18 groups (33 participants)

No of Participant per group (In case the group has to take a part): max 2, min 1.

No. of expected winners: 3 Teams, (Rank-1, Rank-2, Rank-3)

Faculty Coordinator:

Sr. No.	Full Name	Mobile number	E-mail
1	Prof. Mehul Patel	9925193402	mehul.patel@saffrony.ac.in

Student Coordinators: [Bold the name of student who will be the point of communication]

Sr. No.	Enrolment Number	Full Name	Mobile number	E-mail
1	226930307052	Thakkar Kajal Kanaiyalal	8735927240	226930307052@saffrony.ac.in
2	226930319015	Prajapati Neev Jagdishkumar	8780908586	226930319015@saffrony.ac.in

Introduction of the competition (8-10 lines):

This event is based on preparing posters on various short tricks on vedic mathematics and presenting the poster during the evaluation. Students can participate in a team of maximum 2 members each. So in this event students show their presentation and calculative skills. All the First year students can participate in this event.

Instruction/Rules:

- Participation fees Rs. 20 per student (Non Refundable).
- Maximum 2 members can participate in a team.
- Poster must be related to Vedic mathematics short tricks.
- Students can bring printed material also.
- Students explain about the poster for at least 10 min.

Judging Criteria: (How you will choose the winners and what will be the elimination criteria per STAGE/Level)

The judging criteria include the following:

Following is the Judging Criteria.

10 Marks: Presentation & Q&A.
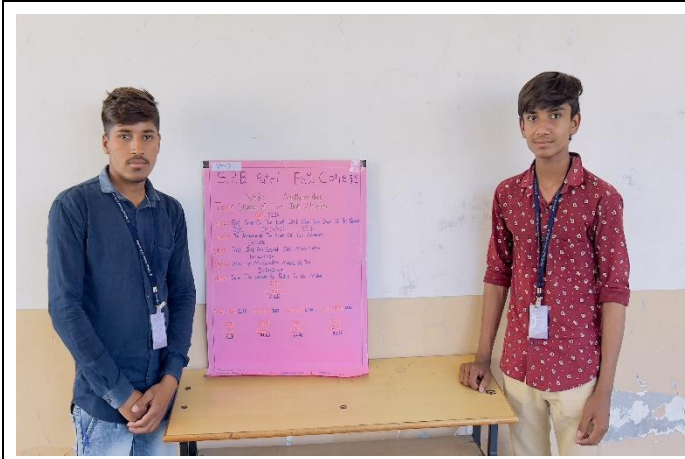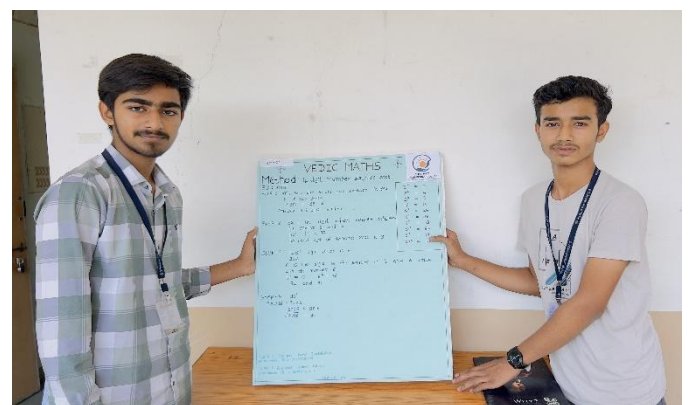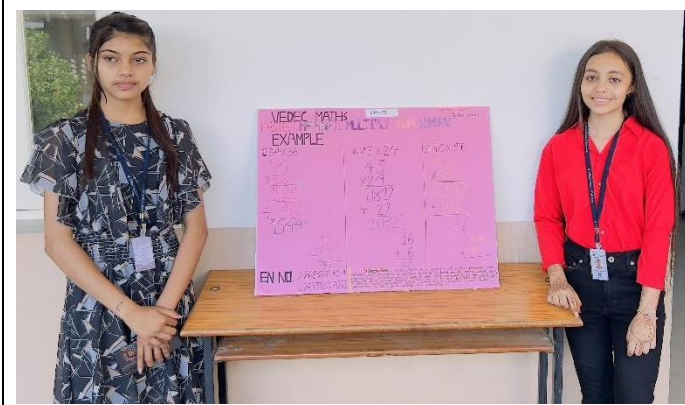
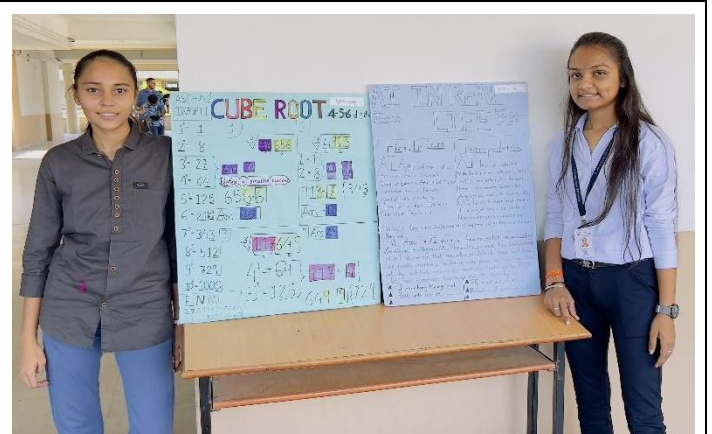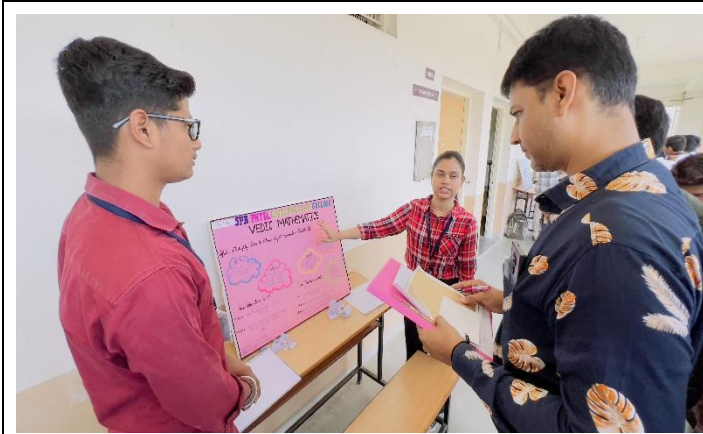10 Marks: Quality of preparing poster

Total :20 Marks

Independent judge panel will judge each project and declare the score.
1. Prof. Hardik Trivedi
2. Prof. Visat Patel

Requirements:

1. 18 Benches.

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Photographs of the event:

One good paragraph explaining about "How the event happens?
Event organised at diploma passage. All the students and volunteers prepare their desk for evaluation of their poster. The Judges ask about the technique/method and students explain the method shown in their poster. Overall all the students enjoyed the event.

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List of all Participants :

1	ME	226930319015	226930319015@saffrony.ac.in	Prajapati Neev Jagdishkumar
		226930319017	226930319017@saffrony.ac.in	Prajapati Vedant Lalbhai
2	ME	226930319004	226930319004@saffrony.ac.in	Bhati Priya Dineshkumar
		216930319006	216930319006@saffrony.ac.in	Chandel Ankit
3	ME	226930319025	226930319025@saffrony.ac.in	Thakor Rahulji Lalaji
		226930319029	226930319029@saffrony.ac.in	Vaghela Kartiksinh Siddharajsinh
4	CE	226930307012	226930307012@saffrony.ac.in	Gajjar Vraj Chandrakantbhai
		226930307017	226930307017@saffrony.ac.in	Goswami Yash Vikramkumar
5	ME	226930319018	226930319018@saffrony.ac.in	Rami Varun Ashokbhai
		226930319009	226930319009@saffrony.ac.in	Patel Raj Milankumar
6	ME	226930307019	226930307019@saffrony.ac.in	Jha Aakriti Shashikant
		226930307031	226930307031@saffrony.ac.in	Patel Darshi Manojbhai
7	CE	226930307052	226930307052@saffrony.ac.in	Thakkar Kajal Kanaiyalal
8	CE	226930307006	226930307006@saffrony.ac.in	Chauhan Maitri Birenkumar
9	CE	226930307032	226930307032@saffrony.ac.in	Patel Drashti Baldevbhai
		226930307044	226930307044@saffrony.ac.in	Sadhu Astha Shravankumar
10	CE	226930307027	226930307027@saffrony.ac.in	Nayak Dhruvi Rajnikant
		226930307048	226930307048@saffrony.ac.in	Soni Jiya Bhadreshkumar
11	ME	226930319013	226930319013@saffrony.ac.in	Pathan Amankhan Ikbalkhan
		226930319014	226930319014@saffrony.ac.in	Pathan Armankhan Mohsinkhan
12	ME	226930319003	226930319003@saffrony.ac.in	Barot Neel Ketankumar
		226930319006	226930319006@saffrony.ac.in	Mali Shiv Dashrathbhai
13	ME	226930319028	226930319028@saffrony.ac.in	Vaghela Janakkumar Pravinbhai
		226930319020	226930319020@saffrony.ac.in	Saiyad Ishanmohammad Ismailmiya
14	ME	226930319001	226930319001@saffrony.ac.in	Patel Aditya Dipakbhai
		226930319005	226930319005@saffrony.ac.in	Joshi Chirag Bhupatbhai
15	CE	226930307053	226930307053@saffrony.ac.in	Thakor Devangi Shambhuji

		226930307014	226930307014@saffrony.ac.in	Gondaliya Happy Anilbhai
16	ME	226930319010	226930319010@saffrony.ac.in	Patel Sahaj Vishnubhai
		226930319019	226930319019@saffrony.ac.in	Raval Dishant Maheshkumar
17	ME	226930319021	226930319021@saffrony.ac.in	Thakor Jesangji Bhavsangji
		226930319027	226930319027@saffrony.ac.in	Vadi Sumit Sureshbhai
18		Ganpat	tjaydeep638@gmail.com	Thakkar Jaydeep sureshbhai

Total Number of winners [Individual/Team]: 06

(Example: 3*2 ⬜ 3 teams of 2 members)

List of the Winners:

Rank	Enroll. Number	Full Name	College Name	Branch	E-mail
1	226930307032	Patel Drashti Baldevbhai	**S.P.B.Patel Engg. College**	**2nd CE**	226930307032@saffrony.ac.in
1	226930307044	Sadhu Astha Shravankumar	**S.P.B.Patel Engg. College**	**2nd CE**	226930307044@saffrony.ac.in
2	226930319025	Thakor Rahulji Lalaji	**S.P.B.Patel Engg. College**	**2nd ME**	226930319025@saffrony.ac.in
2	226930319029	Vaghela Kartiksinh Siddharajsinh	**S.P.B.Patel Engg. College**	**2nd ME**	226930319029@saffrony.ac.in
3	226930307053	Thakor Devangi Shambhuji	**S.P.B.Patel Engg. College**	**2nd CE**	226930307053@saffrony.ac.in
3	226930307014	Gondaliya Happy Anilbhai	**S.P.B.Patel Engg. College**	**2nd CE**	226930307014@saffrony.ac.in

[SHARK TANK]

Date: 12th April, 2023

Time: ~ 1 hours

Venue: ROOM NO. 315

Participant Capacity [Expected]: 10

No of Participant per group (In case of group has to take a part):2

No. of expected winners: 1 Group

Faculty Coordinator:

Sr. No.	Full Name	Mobile number	E-mail
1	Prof. Sarthak Thakar	9974358041	sarthak.thakar@saffrony.ac.in
2	Prof. Visat Patel	9904140646	kalpesh.patel@saffrony.ac.in

Student Coordinators: [Bold the name of student who will be the point of communication]

Sr. No.	Enrolment Number	Full Name	E-mail
1	216930319015	Patel Dhruv Chaturbhai	17mede21dhruvpatel@saffrony.ac.in
2	216930319008	Patel Dhruvil Sanjay kumar	216930319008@saffrony.ac.in

Introduction of the competition (8-10 lines):

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This event is based on a start up idea . Students can participate in groups and the size of the group is maximum 2 . In this event student came with their new startup idea and give presentation on it and ask for the funding

Instruction/Rules:

- Participation fees Rs. 20 per student (Non Refundable).
- Topic Must be related to Engineering
- Bring out all the model if possible
- Prepare the Presentation on the topic

Judging Criteria: (How you will choose the winners and what will be the elimination criteria per STAGE/Level)

The judging criteria include the following:

Following is the Judging Criteria.

20 Marks: Topic selection

10 Marks: Presentation skills

10 Marks: How to ask for funding

10 Marks: Q/A

Total :50 Marks

Independent judge panel will judge each project and declare the score.

Requirements:

1. 10 benches.

2. Projector Room

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Photographs of the event:

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ENGINEERING COLLEGE
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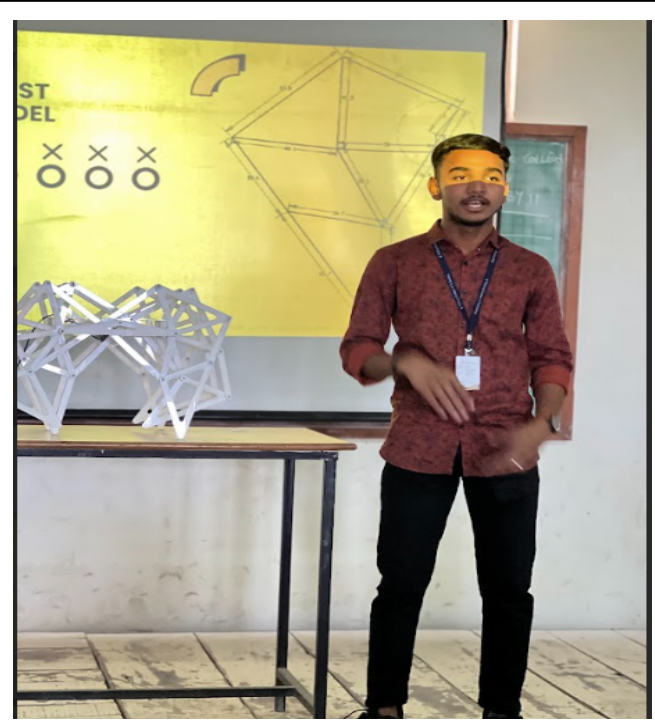
Total Number of winners [Individual/Team]:

List of the Winners:

Rank	Enroll. Number	Full Name	College Name	Branch
1	216930319004	Nishant Suthar	**Saffrony Institute of technology**	**Mech.**
2	216930319033	Saiyad Amanhusen	**Saffrony Institute of technology**	**Mech.**

[PROJECT PRESENTATION]

Date: 11th April, 2023

Time: 10:00 A.M. to 1:00 P.M.

Venue: GROUND FLOOR, DIPLOMA BUILDING

Total Participants: 48

No of Participant per group (Team Event): 3 to 5

No. of Stages/Levels in the event: 01

Participation Fees: Rs 40/- Per student

Faculty Coordinator: Prof. Ramprakash Inani & Prof. Dharmendra Kandoi

- ## Introduction of the competition:

  This event is based on projects prepared by diploma students (Mechanical & Civil Engineering only) during their last year under subject named "PROJECT-II" .Students can participate in team of maximum 5 members each.

Instruction/Rules:
- Participation fees Rs. 50 per student (Non Refundable).
- Maximum 5 members can be participating in a team.
- Only the Projects Related to Mechanical and Civil Engineering Branches are allowed to   participate.
- Resources may be used :- Physical model/ Prototype, Video, PPT , Poster, Report, CAD Drawing, Published paper. It is not compulsory to have all of these things.
- For Video, PPT & Report, there is no specified format in this event. But it should be prepared in a way that it represents your idea and your work effectively.
- Time: - 15 Minutes will be given to each team for their presentation, Additional time will be added if required for Question-Answers.
- To use Video/PPT/CAD Drawing participants have to bring their own Laptop & Audio/Video system.
- Language for presentation : English, Hindi & Gujarati
- Participants cannot use Mobile Phones for presentations.
- No Internet use will be allowed during the presentation.
- Participants have to reach the venue at least before 9:30 am.
- Winner and runner up will be awarded by certificate and prize

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Judging Criteria:

Following is the Judging Criteria.

50 Marks: Project Completion

50 Marks: Novelty in Project.

50 Marks: Application & Feasibility

50 Marks: Presentation.
 Total : 200 Marks

Independent judge panel will judge each project and declare the score.

Name of Judges:
  Prof. Ramprakash Inani-Head of diploma Mech Auto

Prof. Dharmendra Kandoi- Head of diploma Civil

Requirements:
 15 Tables, 4 Files, Event Poster and Extension electric boards-4

Total 48 participants participated in 15 teams . 12 Teams were from Mechanical and 3 teams from civil engineering. Students represented their projects to judges.

List of the Winners: (After event)

Rank	Enroll Number	Full Name	College Name	Branch
1MECH	206930319008	Goswami Mihir Kumar Aanad puri	SPBPEC	MECHANICAL
1MECH	206930319019	Vaja Dhruv Vimal Bhai	SPBPEC	MECHANICAL
1MECH	206930319006	Jani Rudresh Hitesh Kumar	SPBPEC	MECHANICAL
1MECH	206930319013	Rana Harsh Thakor Bhai	SPBPEC	MECHANICAL
2MECH	206930319023	Nayak Maharsh vipulkumar	SPBPEC	MECHANICAL
2MECH	206930319021	Nayak Naman kirankumar	SPBPEC	MECHANICAL
2MECH	206930319026	Parmar Nayan Dilipbhai	SPBPEC	MECHANICAL
1CIVIL	206930306002	THAKOR AARATIBEN RAMESHJI	SPBPEC	CIVIL
1CIVIL	206930306003	NAYI PRIYANSHI DHARMENDRAKUMAR	SPBPEC	CIVIL
1CIVIL	206930306007	PRAJAPATI PRERNA KAMLESHBHAI	SPBPEC	CIVIL

Photographs of the event: (After event)

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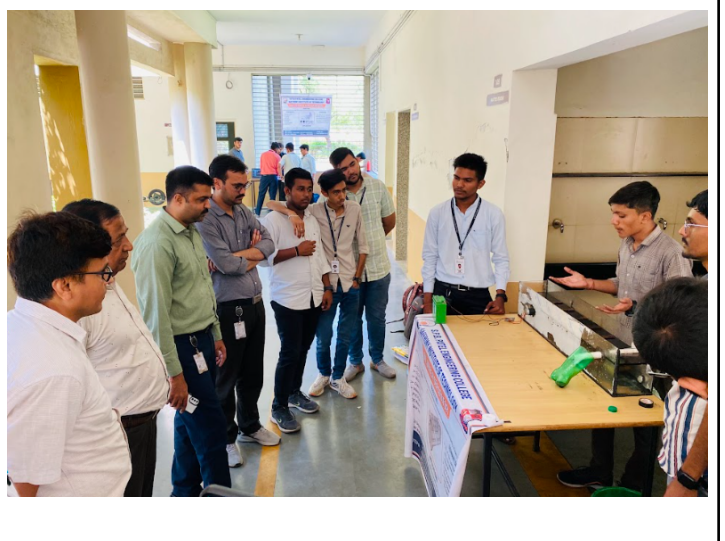
[TECHNO SKETCH]

Date: 12th April, 2023

Time: ~ 1 hours

Venue: ROOM NO. 303

Participant Capacity [Expected]: 30

No of Participant per group (In case of group has to take a part): 1

No. of expected winners: 3 participants

Faculty Coordinator:

Sr. No.	Full Name	Mobile number	E-mail
1	Prof. Sarthak Thakar	9974358041	sarthak.thakar@saffrony.ac.in
2	Prof. Visat Patel	9904140646	kalpesh.patel@saffrony.ac.in

Student Coordinators: [Bold the name of student who will be the point of communication]

Sr. No.	Enrolment Number	Full Name	E-mail
1	216930319000	**Soham Rabdiya**	2169303190001@saffrony.ac.in
2	2169303190024	**Hitarth Vara**	2169303190024@saffrony.ac.in
3	206930302004	**Vatsal Manishbhai Thumar**	206930302004@saffrony.ac.in

**S.P.B. PATEL
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Introduction of the competition (8-10 lines):

 This event is based on drawing or sketching of engineering products . Students can participate individually. Students selected themselves topics which must be related to engineering. Students will draw this drawing during the event in an A4 size drawing sheet.

Instruction/Rules:
- Participation fees Rs. 30 per student (Non Refundable).
- Drawing must be related to Technical
- Bring out all the drawing instruments
- Students must draw by themself .
- Don't allow any material to see the drawing.
-

Judging Criteria: (How you will choose the winners and what will be the elimination criteria per STAGE/Level)

The judging criteria include the following:

 Following is the Judging Criteria.

   20 Marks: Topic selection

   10 Marks: Proper use of area of drawing sheet

   10 Marks: maintain the cleanliness of drawing

   10 Marks: Proper indication of parts name

   Total :50 Marks

   Independent judge panel will judge each project and declare the score.

Requirements:

1. 35 benches.

2. Drawing Sheets

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Photographs of the event:

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Total Number of winners [Individual/Team]:

(Example: 3*4 ▯ 3 teams of 4 members)

List of the Winners:

Rank	Enroll. Number	Full Name	College Name	Branch
1		Mansuri Muntaj Ali	**Saffrony Institute of technology**	**Civil**
2	206930319026	Parmar Nayan Dilipbhai	**Saffrony Institute of technology**	**Mech.**
3	226930319004	Priya Bhati	**Saffrony Institute of technology**	**Mech.**

S.P.B. PATEL ENGINEERING COLLEGE
SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS

[TECHO-O-MODEL]

Date: 12th April, 2023

Time: ~ 2.5 hours

Venue: Passage area front of Diploma principal office

Participant Capacity [Expected]: 25

No of Participant per group (In case of group has to take a part): 10

No. of expected winners: 2 Team of 5 members

Faculty Coordinator:

Sr. No.	Full Name	Mobile number	E-mail
1	Prof.Govind Patel	9725537853	govind.patel@saffrony.ac.in

Student Coordinators: [Bold the name of student who will be the point of communication]

Sr. No.	Enrolment Number	Full Name	Mobile number	E-mail
1	206930302010	Patel Vaibhav Jayeshbhai	8140254021	206930302010@saffrony.ac.in
2	206930302001	Vyash Arya	9265372339	206930302001@saffrony.ac.in
3	206930302015	Varma Darshin	7698399251	206930302015@saffrony.ac.in

S.P.B. PATEL
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Introduction of the competition (8-10 lines):

This event is to be a technical project model made from waste materials in which 3 students participated in groups out of which 2 groups won. In which there were projects like automatic cars, engines, drones, robots, and remote alarms.

Instruction/Rules:
- Participation fees Rs. 30 per student (Non Refundable).
- Maximum 3 members can participate in a team.
- Product must be related to engineering
- Prepare materials or presentation of related models..
- Students explain about model configuration for at least 10 min.
- If possible students show a working of the model.
- If possible bring a laptop for presentation.

Judging Criteria: (How you will choose the winners and what will be the elimination criteria per STAGE/Level)

The judging criteria include the following:

Following is the Judging Criteria.

50 Marks: Prepare of working model run

20 Marks: Communication

20 Marks: Ideas

10 Marks:Hard work

Total :100 Marks

Independent judge panel will judge each project and declare the score.

Requirements:

1. 10 tables.

S.P.B. PATEL
ENGINEERING COLLEGE
SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS

Photographs of the event:

One good paragraph explaining about "How the event happens?

 The student made a very good project, he explained such a new idea and a good way to make it from waste, he used it.Everyone was very happy with this.

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ENGINEERING COLLEGE
SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS

Total Number of winners [Individual/Team]:5

(Example: 3*4 1 teams of 3 members)

List of the Winners:

Rank	Enroll. Number	Full Name	College Name	Branch	Mobile No.	E-mail
1	206930302010 206930302004 206930302014	Vaibhav Jayeshbhai Patel Vatsal Manishbhai Thumar Patel Aryan Pankajbhai	saffrony institute SPB Patel engineering college	6TH AUTO	8140254021 8320621865 8780875981	206930302010@saffrony.ac.in 206930302004@saffrony.ac.in 206930302014@saffrony.ac.in
2	216930319008 216930319015	Patel Dhruvil Sanjay Kumar Patel Dhruv Chaturbhai	saffrony institute SPB Patel engineering college	4TH MECH	9662261539 9979857540	216930319008@saffrony.ac.in 216930319015@saffrony.ac.in

VEYG TECHFEST 2020

S. P. B. Patel Engineering College
Saffrony Institute of Technology

A Technical Report

On

The Tech-Fest of Saffrony Institute

Veyg - 2020

Unlocking Knowledge at the Speed of Thoughts

*Kindly Note: Details of **only Degree Engineering** included unless otherwise mentioned*

Veyg for Saffrony Institute is the celebration of ideas, the celebration of knowledge, the celebration of engineering! Every year a team of Faculty Members & Students at the Institute Level as well as Department Level come together to brainstorm and generate exciting ideas to make engineering a celebration!

This year in 2020 we called it: Veyg 2k20 had the overall details are as below:

Date: 19th & 20th February, 2020

Venue: S.P.B. Patel Engineering College, Saffrony Institute of Technology, Linch.

No. of Student Volunteers: 120+

No. of Participants:

No. of Events: 19

Event Bifurcation: CS/IT - 3, Civil - 3, EC/Electrical - 3, Auto/Mech - 3, Non-Tech - 3,
Project Competitions - 3, Robotics - 1.

Reimbursement to Campaigning students: INR 2630/-

Posters

Brochures

Needless to say, all these 19 events were designed with utmost enthusiasm and care to make sure the participants have an unparalleled experience.

Attached below is the schedule of how these 19 events were carried out:

19th February, 2020:

Departments	9:00 – 09:30	09:30 - 12:30			12:30 - 1:15	1:15 to 4:30	
		Event Name	Event Name	Event Name		Event Name	Coordinator Name
ME/AE	Inaugural Ceremony at the Auditorium	FINAL YEAR PROJECT COMPETITION (Prof.Yuvrajsinh Parmar Prof.Rajut Mishra) Ground Floor Corridor Degree Side	DIY COMPETITION (Prof.Malay Bhatt, Prof. Chirag Korat) Second Floor Corridor Degree Side	IDEA THAT CHANGE THE WORLD (Prof.Akshay Kansara Prof. Jignesh Kadia) First Floor Corridor Degree side	LUNCH BREAK	CAD-MASTERS Room no-CAD LAB	Prof. Yuvrajsinh Parmar Sahil Suthar Nikul Dabhi Angel Kushwaha
						LATHE-CRAFT Room no-224 and Workshop	Prof. Sandip Chaudhary Mahesh Prajapati Hasmukh Chaudhary Durgesh Gupta Abhijeet Mukherjee
EE/EC						Techson Room no-216 & 214B 1:15-3:00 pm	Techofun Room No- 215B & 214B 3:05 pm-4:30 pm
						Prof. Jignesh Kadia Harshil Mewada Muzammil Qureshi Meet Prajapati	Prof. Yogesh Kakadiya Jitendra Prajapati Dharma Vora Akash Malaviya
CL						Dhundte Reh Jaoge Civil Department Computer Lab	Prof. Kumkum Bhattacharya Dhvanil Thakkar Dushyant Rajput Jeet Patel
CE/IT						Career Molding Lab - 3,6	Prof. Sarfaraz Zarda Alpeshkumar Makwana Jaykumar S. Patel Jaykumar D. Patel Sanket Patel Smit Patel
						Next Big Shots Lab - 1,2	Prof. Tejas Patel Paarav S. Patel Kundan Prajapati Saumya Shah Hiren Vadher Naman Vyas Niral Dave Dhiraj Beri Pavan Kharej
Fun Treasures		Gully Cricket Parking Area		Prof. Shailesh Patel Mit Modi, Rajori, Anil Gupta		Gully Cricket Parking Area	Prof. Shailesh Patel Mit Modi, Rajori, Anil Gupta
		Survival of the Fittest Brains Room No.331		Prof. Rasik Patel Sanjana, Aaku		Survival of the Fittest Brains Room No.331	Prof. Rasik Patel Sanjana, Aaku
		Masterchef Canteen Area		Prof.Krina Shah Rutvik, Jatin,Nency		Masterchef Canteen Area	Prof.Krina Shah Rutvik, Jatin,Nency

20ᵗʰ February, 2020:

Departments	09:30 - 11:45		11:45 - 12:30	12:30 to 2:15		3:00 - 05:00
	Event Name	Coordinator Name		Event Name	Coordinator Name	
ME/AE	MECHANICAL SCAVENGERS Room No:-224, Workshop,Cad lab, Mechanical Labs	Prof. Tausif Shaikh Mahesh Prajapati Hasmukh Chaudhary Durgesh Gupta Abhijeet Mukherjee Saahil Suthar Nikul Dabhi Angel Kushwaha	LUNCH BREAK	MECHANICAL SCAVENGERS Room No:-224, Workshop,Cad lab, Mechanical Labs	Prof. Tausif Shaikh Mahesh Prajapati Hasmukh Chaudhary Durgesh Gupta Abhijeet Mukherjee Saahil Suthar Nikul Dabhi Angel Kushwaha	Valedictory Ceremony at the Auditorium
EE/EC	Techofun Room No- 215B & 214B (09:30- 10:30 am)	Prof. Jignesh Kadia Jitendra Prajapati Dharam Varu Akash Malaviya		Viditech Room No- 215B & 214B	Prof. Karishma Panchal Bhut Harsh Patel Shubh	
	Viditech Room No- 215B & 214B (10:30 am onwards)	Prof. Karishma Panchal Bhut Harsh Patel Shubh				
CL	IS PAAR SE US PAAR Civil Department Computer Lab	Prof. Manan Mori Ashish Parmapari Chirag Panchal		AISA DES HAI MERA Room no- 233 (Civil Smart Room)	Prof. Kanu R Patel Harsh Gala Deep Bhavsar	
CE/IT	Career Molding CE Dept. Lab - 5,6	Prof. Sarfaraz Zarda Alpeshkumar Makwana Jaykumar S. Patel Jaykumar D. Patel Sanket Patel Smit Patel		Career Molding CE Dept. Lab - 5,6	Prof. Sarfaraz Zarda Alpeshkumar Makwana Jaykumar S. Patel Jaykumar D. Patel Sanket Patel Smit Patel	
	Cipher Zone CE Dept. Lab - 3,4	Prof. Yagnesh Patel Utsav Nayak Krishna R. Pal Harshil M. Patel Sankalp N Gupta Jaydeep S Patel		Cipher Zone CE Dept. Lab - 3,4	Prof. Yagnesh Patel Utsav Nayak Krishna R. Pal Harshil M. Patel Sankalp N Gupta Jaydeep S Patel	
Fun Thesaurus	Gully Cricket Parking Area	Prof. Shailesh Patel Mit Modi, Rajgri, Anil Gupta		Gully Cricket Parking Area	Prof. Shailesh Patel Mit Modi, Rajgri, Anil Gupta	
	Survival of the Fittest Brains Room No.313	Prof. Rasik Patel Sapana, Anka				
	Masterchef Canteen Area	Prof.Krina Shah Ratvik, Jatin,Nency		Masterchef Canteen Area	Prof.Krina Shah Ratvik, Jatin,Nency	
Robo 2.0	Line follower Event Room No. 210 A - Diploma Side	Prof.Nirav Joshi Sneha, Kuldeep		Robo 2.0 Line follower Event Room No. 210 A - Diploma Side	Prof.Nirav Joshi Sneha, Kuldeep	

Let's see the details of these events department wise.

I - Computer Engineering Department

Event E01: Career Moulding

Date: 19th Feb, 2020

Time: 1:30 P.M. to 3:00 P.M.

Venue: Computer Engineering Department, Lab 3

Participant Capacity [Expected]: 70

Participants Registered: 48

Participants Actual: 48

No of Participant per group (In case of group has to take a part): 01

No. of Stages/Levels in the event: 05

Faculty Coordinator: Prof. Sarfaraz Jarda , Prof. Ekta Joshi

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390116036	Dharti Raval	9106441362	170390116036@saffrony.ac.in
2	170390116009	Alpeshkumar Makwana	7201070259	170390116009@saffrony.ac.in
3	170390116019	Jaykumar S. Patel	9662325863	170390116019@saffrony.ac.in
4	170390116018	Jaykumar D. Patel	9913891158	170390116018@saffrony.ac.in
5	170390116026	Sanket Patel	9512775512	170390116026@saffrony.ac.in
6	170390116027	Smit Patel	9408570457	170390116027@saffrony.ac.in

Introduction of the competition:

- This event contains different levels or rounds as conducted in a placement cell by a company. This event will give an idea to the students about the placement procedure and how the different rounds are being conducted by a company in order to select a student. It will help students to better understand and give them an opportunity to improve themselves. This event will give them a mold to develop the ability to conceive in future life. It will help them in an overall development in terms of presentation, communication skills, positive attitude and of course their technical knowledge.

- Event is divided into five Rounds.
    - **Round 1** will be a Technical Test. In which questions are based on academic subjects.

- ○ **Round 2** will be an Aptitude Test with various categories.
- ○ **Round 3** will be based on Coding which contain problem solving question.
- ○ **Round 4** is for GD(Group discussion).
- ○ **Round 5** is for Personal Interview.

Instruction/Rules:
1. There is no **Negative Marking** for **Round 1** and **Round 2**.
2. All Questions are compulsory for **Round 1** and **Round 2.**
3. **Round 1** and **Round 2** contain objective type questionnaire.
4. There will be **No Elimination** until Round 4
5. For the Personal Interview Round, you must be formally dressed.

Judging Criteria:
- ● Round 1: There will be No elimination.
- ● Round 2: There will be No elimination.
- ● Round 3: There will be No elimination.
- ● Round 4: There will be elimination which is based on cumulative result of **Round 1,Round 2 and Round 3 and Round 4.**
- ● Round 5: There will be winners based on their performance in personal interview.

Requirements:
1. For Round 1 and Round 2, we require 1 classroom.
2. For Round 3, we require 2 labs.
3. For Round 4, we require Seminar Hall.
4. For Round 5, we require 2 classroom.

Photographs of the event:

How the event turned out:

It was a good learning experience for all of us. First of all, we faculty coordinators and students coordinators had discussed the flow of the whole event in which we had decided what kind of levels and difficulties we can put so students can enjoy as well as learn with fun. After a lot of discussions, we came up with the idea where we had divided the event into five levels. For that first of all we had shared google form to get students registration where we got a total of 48 students from 2nd, 4th and 6th Computer Engineering and Information Technology department. So in the 1st level at the Computer department there was a technical round in which they were given an online exam with 30 questions. It was taken in lab 5 and 6, in continuation with it we had an aptitude round with about 20 questions and gave them the same experience as they will face further in their life. After that in the 3rd round was a coding round with a creative problem solving technique. In this round they were given a scenario to understand the problem and accordingly solve it. The next round was GD group discussion, a group of 5 was created and assigned a topic to debate on for 15 min. On the basis of all round we finalized the students for the fifth round which PI personal interview. We gave them the same experience as they will face in a placement cell. Students learned and simultaneously enjoyed the event. We, all the coordinator faculties as well as students together with participants had a great event.

Winners:

Rank	ID	Member-I	Branch/SEM
2nd	E01-35	Dhruvi Bhavsar-SAF-41S1	2-CE
1st	E01-09	Sankalp Gupta-SAF-19S1	6-CE

I - Computer Engineering Department

Event E02: The Next Big Shots

Date: 19th Feb, 2020

Time: 1:00 P.M. to 4:30 P.M.

Venue: Computer Engineering Department, Lab 3

Participant Capacity [Expected]: 72

Participants Registered: 34

Participants Actual: 33

No of Participant per group (In case of group has to take a part): 04

No. of Stages/Levels in the event: 03

Faculty Coordinator: Prof. Tejas Patel, Prof. Tanvi Joshi

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390107029	Paurav S. Patel	8347406760	170390107029@saffrony.ac.in
2	170390107034	Kundan Prajapati	9265948547	170390107034@saffrony.ac.in
3	170390107038	Saumya Shah	8780692451	170390107038@saffrony.ac.in
4	170390107045	Hiren Vadher	9574008144	170390107045@saffrony.ac.in
5	170390107047	Naman Vyas	9773458476	170390107047@saffrony.ac.in
6	180393107002	Niral Dave	836826600	180393107002@saffrony.ac.in
7	170390116004	Dhiraj Beri	9824844579	170390116004@saffrony.ac.in
8	170390116049	Pavan Khatri	8160847528	170390116049@saffrony.ac.in

Introduction of the competition:

In today's ruthless market where the biggest risk is not taking any risk, an entrepreneur has to be calculative and analytical of both the market situations and his own teams' capabilities. In the same spirit we will be simulating a market where there are 18 competitors trying to earn as much money as they can. At the start of the game the 18 teams would be given some amount of money. There will be a series of bids, projects and quizzes where the teams will be given a chance to earn more money, while calculating the risks involved. After completing 3 rounds the team(company) having the maximum amount of money will win.

Instruction/Rules:

Each of the teams will be given 500 Etheriums(Our own currency). The first round will be a quiz round. There will be 30 questions per room which will be divided into sets of 9, 9, and 12. A correct answer will be rewarded with 10Etheriums.

The first set of 9 questions will be a buzzer round and the questions will be based on current trends in tech and history of tech.

The set round will have 9 questions based on the knowledge of Computer science's core concepts.

The third set of 12 questions will test a bit of their programming skills, where snippets of code will be shown and the questions will involve analysis of those snippets(Like Finding errors, predicting outputs etc.)

The second round will be all about rush coding, a form of competitive programming. A jar containing 45 chits will be placed in the room. The teams will pick chit by paying 50Etheriums. which will have a link to a problem statement, by successfully solving that problem the team will earn 100 Etheriums.

After a successful submission the team can take another problem from the Jar. The round will end after 45 mins.

The third and the final round, a booklet containing 14 questions will be passed to the teams.10 Mins will be given to analyse problems. There would be 3 categories of questions:

Category 1 : Starting Bid 50Eths Maximum reward 350Eths (6)
Category 2 : Starting Bid 100Eths Maximum reward 450Eths(6)
Category 3 : Starting Bid 150Eths Maximum reward 550Ehts(2)

After analysing the problems the bids will start. Each question will be flashed on the projectors, and bidding will start based on the starting bids. The highest bidder will be given the problem. After the bidding is completed, the coding phase will begin.

Judging Criteria:

Round 1: The team hitting the buzzer, will be given a chance to answer. Right answer will yield 10Eths and wrong answer will result in a penalty of 5 Ehts
Round 2: Each chit will cost 50 Eths, successful submission will be rewarded 100Eths
Round 3: Refer above description of round 3.

At the end of the three rounds, the team with the highest revenue will be the winner.

Requirements:

- 2 Projectors,
- 2 Labs

- 18 PCS(With GCC and Linux)
- Fake Currency Notes
- 8 booklets, etc

Photographs of the event:

How the event turned out:

Students alike participated actively in this event. We got a high number of team registration. Initially we credited 500 Eth in each team account. Then the market was opened for bid and earn. In the very first round all were going through quiz question answers. Further students went through rush programming where they got a chance to earn more using their problem solving thinking and speed. Finally we displayed the balance of each team and selected the top 10 teams for the final round. In the final round excitement went beyond the expectation as all teams have actively participated in the biding and applied their best strategy to beat other teams. Finally we got the winners who have earned high from others.

List of the Winners:

Rank	ID	Member-I	Member-II	Member-III	Member-IV
2nd	E02-07	Bhargav Patel-SAF-36S2	Jimmy Limbachia-SAF-36S1	Shreyas Patel-SAF-37S2	Hemang Shukhadiya-SAF-37S4
1st	E02-05	Krishna Patel-SAF-29S3	Niyati Patel-SAF-29S5	Yashvi Suthar-SAF-29S6	-

I - Computer Engineering Department

Event E03: Cipher Zone

Date: 20th Feb, 2020

Time: 9:30 A.M. to 1:00 P.M.

Venue: Computer Engineering Department, Lab 4,5

Participant Capacity [Expected]: 60 (30 Teams)

Participants Registered: 98 individuals (33 Teams)

Participants Actual: 98 individuals (33 Teams)

No of Participant per group (In case of group has to take a part): 02

No. of Stages/Levels in the event: 03

Faculty Coordinator: Prof. Parimal Patel, Prof. Yagnesh Patel

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390107010	Utsav Nayak	9157493148	170390107010@saffronyt.ac.in
2	170390107011	Krishna R. Pal	9574308611	170390107011@saffronyt.ac.in
3	170390107022	Harshil M. Patel	9727112915	170390107022@saffronyt.ac.in
4	170390107005	Sankalp N Gupta	6353896086	170390107005@saffronyt.ac.in
5	170390107026	Jaydeep S Patel	9586749566	170390107026@saffronyt.ac.in
6	170390107014	Adil L Patel	8140654892	170390107014@saffronyt.ac.in
7	170390116025	Kuldeep L Suyani	7567073792	170390116025@saffronyt.ac.in
8	180393107004	Jay Oza	9106716992	180393107004@saffrony.ac.in

Introduction of the competition:

The event is divided into three rounds. There is no elimination in round 1 and round 2.

- **Round 1: Cypher Treasure Hunt**
  Participants need to find some files in the computer.
- **Round 2: Code Jumble**
  Source code is jumbled. Participants need to arrange code in the proper manner. The student coordinators will compile it . No code compilation on the user side.
- **Round 3: Code Flip**
  Both participants will be given different problem statements. Each participant needs to solve it using either java or c. After completion of this phase participants will swap their position and solve the problem in different language.(if already solved in java than observe code and solve it in c)

Instruction/Rules:

1. Participants need to participate in group of two.
2. Event is divided into three rounds.
3. There will be no elimination until round 3.

Judging Criteria:

Round 1: There will be No elimination. - Judging based on completion time
Round 2: There will be No elimination. - Judging based on completion time and accuracy
Round 3: Cumulative result of all rounds. - Judging based on completion time and code compilation
Winner will be declared after the end of round 3.

Requirements:

1. For Round 1, Round 2 and Round 3 we require 2 labs.

Software Requirements:

- C / C++ : Codeblock
- Java : Eclipse

Photographs of the event:
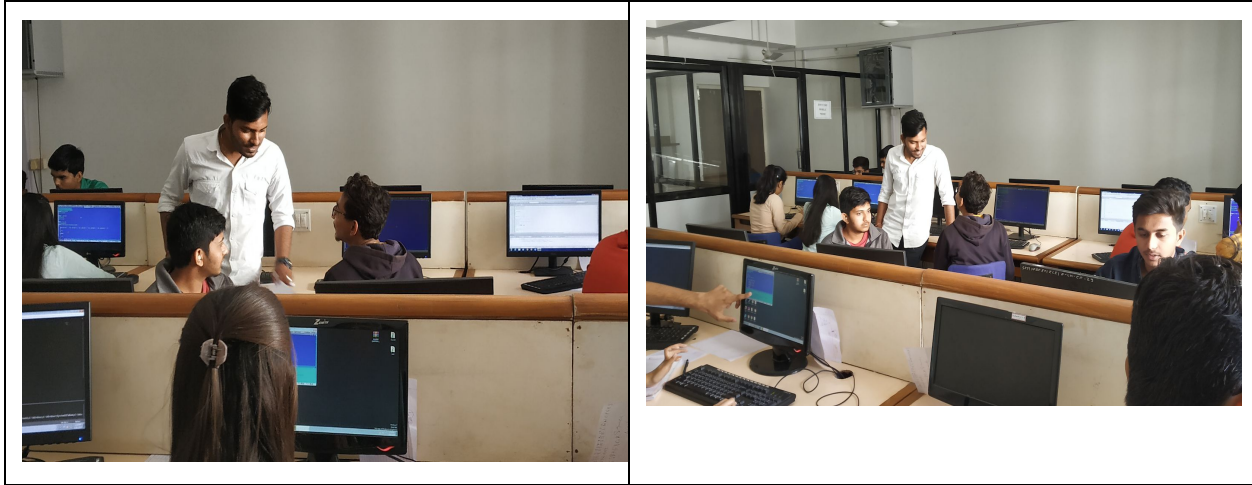
How the event turned out:

It was a good learning experience for all of us because we had organized this kind of event. First of all, we faculty coordinators and students coordinators had discussed the flow of the whole event in which we had decided what kind of levels and difficulties we can put so students can enjoy as well as learn with fun. After a lot of discussions, we came up with the idea where we had divided the event into three levels. Students need to participate in a technical treasure hunt in which they need to find out solutions of technical and non technical questions. There was no elimination in any round. The second round was "code jumble" . Source code is jumbled. Participants need to arrange code in the proper manner. The third round was "code flip" in which participants needed to code problems given to them. There were also bonus problems which gave the opportunity to earn extra points.

Winners:

Rank	ID	Member-I	Member-II
2nd	E03-34	Nipesh Bhimani-SAF-80S1	Akshit Makani-SAF-80S6
1st	E03-28	Angel Jose-SAF-22S1	Vaidehi Prajapati-SAF-22S2

II - Civil Engineering Department

Event E04: Iss Paar se us Paar (Bridge Design Event)

Date: 20th February, 2020

Time: 09:30 AM to 10:30 AM

Venue: Geotech lab

Participant Capacity [Expected]: Any

Participants Registered: 17 (9 teams)

Participants Actual: 7 (3 teams)

No of Participant per group (In case of group has to take a part): 4

No. of Stages/Levels in the event: 01

Faculty Coordinator: Prof. Manan Mori

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	180393106006	CHIRAG H. PANCHAL	7043508947	180393106006@saffrony.ac.in
2	180393106012	ASHISH C. PRAJAPATI	9773172442	180393106012@ saffrony.ac.in

Introduction of the competition:

Bridges have known to serve humans right from 850 BC when the first bridge was constructed in Turkey. And recently we saw China inaugurate the world's longest sea bridge in 2018! India too is home to the few of the most magnificent bridges in the world. These bridges have not only been helping us cross barriers of sea and mountains, but they are also a part of our famous saying "Bridge the communication gap!"

These bridges come in various structural designs meant to very majestically serve a particular function, suit a unique geology, justify the local materials and the funds available and bring pride to the country who built it.

And today Civil Saffronites feel equally proud to invite budding civil engineers to construct their own monumental bridges and showcase their talent!

Instruction/Rules:

This event is not on the spot event but **you have to come with your bridge structure** and we will judge using below criteria and winner of this event get **tremendous price money.**

1) **Types of Bridges:** participants can make either of the following bridges and will get **bonus points** as follows if all dimension or instruction given will satisfy
   Simply Supported Bridge – 2 points
   Arch bridge – 5 points
   Cantilever bridge – 7 points

2) **Materials**

   Use Popsicle sticks. Sticks can have the following maximum dimensions:
   ● Length = 11 cm
   ● Width = 1.2 cm
   ● Thickness= 0.2 cm
   ● Sticks can be altered physically by cutting or notching at any angle.
   ● Only Fevicol can be used as an adhesive, use of other adhesives may lead to disqualification.
   ● Use of threads shall also lead to disqualification **(except in cantilever bridge).**

3) **Dimensions of Bridge**

The Popsicle Bridge dimensions should be within the specified limits as below:

Length
   1) Overall length from one extreme end to another L = 100 to 120cm
   2) Minimum Clear distance between two columns L_1= 80 cm

Width

Width of the Span B =10 to 11 cm

Height

   1) minimum height from ground level to top of the deck H=28cm
   2) minimum height of column from GL to bottom of deck h_1= 18cm
   3) $h_2 = 7cm^*$
   4) maximum depth of deck h_3 =12 cm

*size of footing must be 10*10*7cm³

Weight of the bridge must be 5kg or less

Judging Criteria:

Round 1: Interview or presentation of bridge made by you

Round 2: weight of bridge check by us

Round 3: Check all dimension of bridge as per rules/instruction given above

Round 4: Weight carries by bridge and simultaneously measure deflection of bridge

Note:

   1) In interview or presentation you **don't have to come with any PPT or any other material** but you have to explain your bridge structure and give simple answers of our question based on bridge engineering.
   2) Load apply at L_1/2 and Deflection of bridge will be measure at Center in simply supported and arch bridge, where *in cantilever bridge deflection measure at free end*
   3) All dimension will be check or Measure at left end, centre of bridge and at right end
   4) **If point will be same of 2 or more group then aesthetic view of bridge will be consider and add 2 points**

Point (P) = Presentation Mark + W$_c$*h$_1$/w*h$_3$*d + bonus point for type of bridge + Aesthetic point (if applicable)

W$_c$ = weight carried by bridge in Kg
W = weight of bridge in Kg
h$_1$ = minimum height of column from GL to bottom of deck in cm
h$_3$ = maximum depth of deck in cm
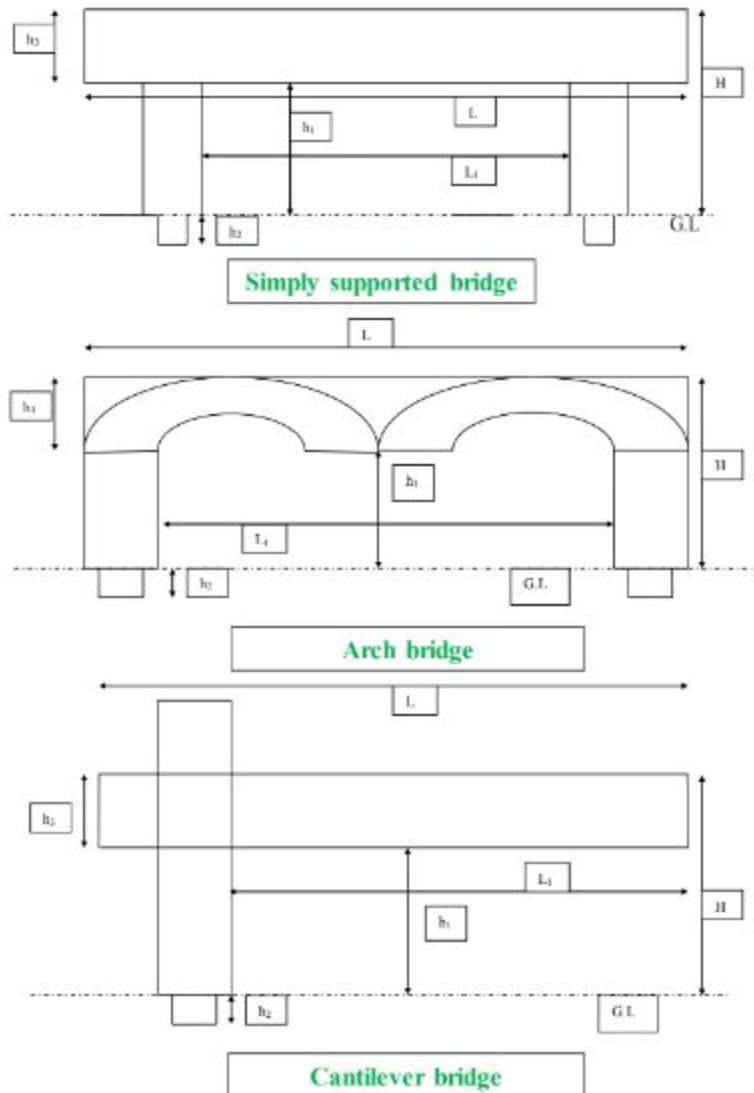d = deflection in cm

Requirements:
CC beam of length 1.5m, width 0.20m and 0.10m depth
Weighing machine
Weight of 1kg 2kg and 5kg
Tables
Stools

Simply supported bridge

Arch bridge

Cantilever bridge

Photographs of the event:

How the event turned out:
It was a good learning experience for all of us because we had organized first time this kind of event. First of all, faculty coordinator and student's coordinators had discussed about the flow of the whole event in which we had decided that what kind of levels and difficulties we can put so students can enjoy as well as learn with fun. After a lot of discussions, we came up with one equation which is use for count winner points. So that participant worked out on equation and fixed their bridge design dimensions. By doing this, concept of analytical ability, clear concept of bridge component parameters and how to reduce overall cost of bridge by maintain various engineering parameters.

Winners:

Rank	ID	Member-I	Member-II
1st	E04-06	Jaimin Joshi-SAF-23S1	Deep Patel-SAF-23S4

II - Civil Engineering Department

Event E05: Aisa Desh Hai Mera (Town Planning Event)

Date: 20th Feb, 2020

Time: 11:45 AM to 2 PM **(**2 hrs 15 min)

Venue: Civil Engineering Department, Room no.233

Participant Capacity [Expected]: 24

Participant Registered: 29 (11 teams)

Participants Actual: 12 (4 teams)

No of Participant per group: 03

No. of Stages/Levels in the event: 01

Faculty Coordinator: Prof. Kanu R. Patel

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390106020	Harsh Gala	9834844595	170390106020@saffrony.ac.in
2	170390106003	Deep Bhavsar	9737552216	170390106003@saffrony.ac.in

Introduction of the competition:
- **Introduction of the related subject:**
    - In Town planning, the planning and design of all new buildings, roads, and parks in a place in order to make them attractive and convenient for the people and also considering the Neighborhood system for making a town great in sense of concept for planning system.
- **Introduction of the Event:**
    - In "AISA DESH HAI MERA' you will design and build a town using the concepts of town and neighborhood planning from which you will understand the concepts practically in fun way.
    - It will help to exercise your brain for designing the township using all the principles you have studied.

Instruction/Rules:
- No internet allowed.
- You will prepare a model of town for which material will be provided by us.
- You will have to prepare a model from the provided material; no extra material can be used.
- Participants will have to build the town from criteria provided i.e. Population, percentage of zones, etc.

Judging Criteria:
Round 1: On the basis of Design and neatness of the model teams will get mark.
Round 2: On the explanation basis of model with considering the principles of town and neighborhood planning and extra statistical knowledge required in calculation, teams will get marks, and winner will be announced.

Requirements:

Sr.No	Material required	No.of materials
1	Thermocol sheets – 20 mm Thick - 10 mm Thick -	8 sheets 8 sheets
2	Chart papers- Black,White,Green	8 per each color
3	Sketch pens	8 sets
4	Cutter, scissor	8
5	Fevicol	8

Photographs of the event:

How the event turned out:

It was a good experience organizing this event. First we showed the Presentation we made by which we try to tell that what we will learn from this event, further we made them understand the rules of the games, basic criteria of the town planning and also the judging criteria. Afterwards we distributed the material which they required for the event. They started their planning by imagining the model and thinking that "how the town should look alike". Slowly they started cutting sheets, paper using fevicol sticking these things, started making road network, zoning, building, industrial area, green belt, and many more things. After making a model they have to present their town planning with an explanation. By which they can know how their planning went after the implementation. Everyone enjoyed the event and had a great experience.

As part of team coordinator I feel the participant need to give more confined strategies like they should make the good model, pre decided précised scale, should ask to make conceptual sketch on tracing paper before they actually start making the model on given base, should allow to make few buildings like house, public building, trees and other thing can be make from home. The competition could be of several stages like first stage for concept evaluations and basic drafting and discussion with team, they can have different land form and location of site according the various climate zones. In second and third stage where they should be given chances to developed their concept in developing stage 1 and 2 and then decide the plan of town and then only the final stage of drawing should be prepared with more accurate and detail and model for the same can be made even if there is single team to be participate.

A detail understanding about each development stage and evaluation criteria of the competitions should be explained before the registration get conducted so the participant gets thought to prepare accordingly.

Prof.Manan Mori from Civil Engineering department have spent valuable time to judge their work.

Winners:

	ID	Member-I	Member-II	Member-III
1st	E05-10	Jaimin Joshi-SAF-23S1	Chirag Panchal-SAF-23S2	Ashish Prajapati-SAF-23S3

II - Civil Engineering Department

Event E06: Dhoondhte Reh Jaoge (The Civil Treasure Hunt)

Date: 19th Feb, 2020

Time: 2 to 2 and a half hours

Venue: College campus - Amphitheatre,soil mechanics lab,cantin, parking, library,fluid mechanics lab, environmental engineering lab

Participant Capacity [Expected]: 50

Participants Registered: 36 (13 teams)

Participants Actual: 36 (13 teams)

No of Participant per group (In case of group has to take a part): 03

No. of Stages/Levels in the event: 01

Faculty Coordinator: Prof. Kumkum R. Bhattacharya

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390106013	Patel Jeet	8734872537	170390106013@saffrony.ac.in
2	170390106016	Rajput Dushyant	8154871855	170390106016@saffrony.ac.in
3	170390106016	Thakkar Dhvanil	9724265103	170390106019@saffrony.ac.in

Introduction of the competition:

Who doesn't like a fun, tricky, and mind-boggling treasure hunt especially when it's related to our engineering branch?! This uniquely designed event is all about understanding and applying basic Civil Engineering knowledge and skills of different subjects of the same. You will be using processes, techniques, properties, formulas, design steps, your common sense (!) and a lot more to crack through the treasure hunt.

Each team of participants will be directed through successive clues to various destinations which will ultimately lead you to the treasure. This game guarantees to enhance your problem solving skills, ability to work in a team, out-of- the-box thinking, and loads of fun! So register fast!

Instruction/Rules:

1. A series of tasks and clues will be given step-by-step. Participants can take how much time they want on each stage but the total Treasure Hunt has to be completed within 2 and a half hours.

2. Mobile phones will be allowed.

3. Participants are expected to during the event please maintain discipline and decorum of the Institute.

Judging Criteria:

The winner will be decided on the basis of:-

1. Time taken to finish the entire treasure hunt

Requirements:

1. Theodolite
2. Aggregates
3. Sand
4. Weighing machine
5. Standard Proctor Test Apparatus
6. Beakers
7. Different types of stones

How the event turned out:

It was a good learning experience for all of us because we had organized first time this kind of event. First of all, we faculty coordinators and students coordinators had discussed about the flow of the whole event in which we had decided that what kind of levels and difficulties we can put so students can enjoy as well as learn with fun. After a lot of discussions, we came up with the idea where we had divided the event into three levels. For that first of all we had shared google form to get students registration where we got a total of 18 teams (approx 80 students) from 1st and 3rd Computer Engineering and Information Technology department. So in the 1st level at Computer department we had given one clue to each team which they had to solve to get next location. Now for the same we had decided 9 different places across the institute including classrooms and faculty cabins where our student volunteers were there to help them. After that in the 2nd level at Library, again they got one clue followed by next clue at the same place. Al last solving both the clues teams went to the 3rd level at Computer Department Labs where they had to solve two programs. The whole event had organized such a way where teams went through different technical tasks which they had solved to get each and every clue. Students enjoyed a lot but unfortunately not a single team was able to solve a treasure hunt.

Winners:

Rank	ID	Member-I	Member-II	Member-III
2nd	E06-07	Kishan Prajapati-SAF-63S1	Sagar Prajapati-SAF-63S2	Meet Patel-SAF-63S3
1st	E06-03	Jaimin Joshi-SAF-23S1	Chirag Panchal-SAF-23S2	Ashish Prajapati-SAF-23S3

III - EC/Electrical Engineering Department

Event E07: Tech-O-Fun

Date: 19th Feb, 2020 & 20th Feb, 2020

Time: 3:10 P.M. to 4:30 P.M. (19th Feb, 2020) & 9:30 A.M. to 10:30 A.M. (20th Feb, 2020)

Venue: Electrical Engineering Department, Lab 110,114,115,214,216

Participant Capacity [Expected]: 20

Participants Registered: 8 (5 teams)

Participants Actual: 8 (5 teams)

No of Participant per group (In case of group has to take a part): 02

No. of Stages/Levels in the event: 05

Faculty Coordinator: Prof. Yogesh Kakadia, Prof. Jignesh Kadia

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	180390109006	Jayesh Jayswal	7016239334	180390109006@saffrony.ac.in
2	180390109012	Jitendra Prajapati	9265947634	180390109012@saffrony.ac.in
3	180390109017	Dharam Vora	6351302531	180390109017@saffrony.ac.in
4	170390111006	Akash Malaviya	7567985212	170390111006@saffrony.ac.in
5	180393111001	Patel Kaushal	7041134426	180393111001@saffrony.ac.in

Introduction of the competition:
- In this event, we will make a group of 2 students (maximum) but individual can also make it. Students will go to the different labs of the electrical and electronics department for them, one surprise available in terms of components, circuits, etc. to solve this and go to the next Lab.
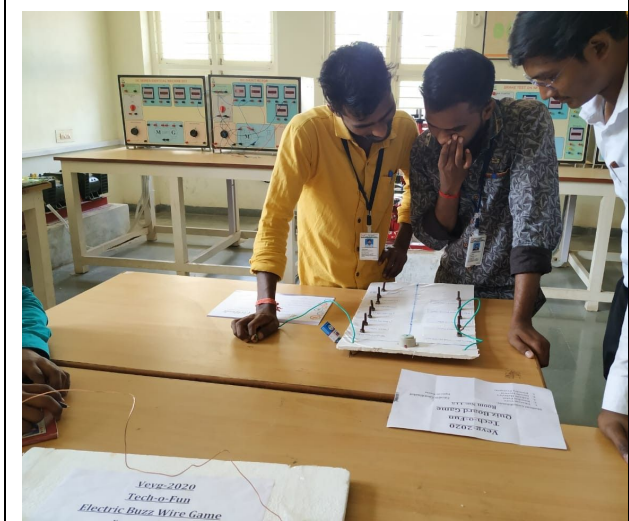
Instruction/Rules:
1. Group of maximum 2 students.
2. Individuals can Perform it.
3. Students must complete 1st Lab task and after moving to another Lab.

Judging Criteria:
1. Will check the knowledge of the Students.
2. Explanation & understanding to complete the task.
3. Involvement of students.
4. Questions and Answers.

Photographs of the event:

How the Event turned out:

It was a good experience for all of us because First of all, we faculty coordinators and students coordinators had discussed the flow of the whole event in which we had decided what kind of levels and difficulties we can put so students can enjoy as well as learn with fun. After a lot of discussions, we came up with the idea where we had divided the event into five levels. For that first of all we had shared google form to get students registration where we got a total of 5 teams (approx 8 students) from 4th, 6th and 8th Electrical Electronics Engineering department. The 1st game was electric buzz wire in this game we gave one conducting path in zigzag and gave another conductor in series with a buzzer. Students complete that path from one side to another side to ensure that buzzen could not sound if that happens then they get panely for 2sec for each time they touch the wire and buzzer sound. The 2nd game was the load calculation of the room. The 3rd game was the quiz board in this game we gave 5 question and for that give 7 answer to right side we put one conductor on question and second to the hand of students if they think the answer of the question is right hand side was correct then they touch that and buzzer sound so the answer was right if buzzer not sound then answer was wrong. The 4th game was the circuit solver in this game. We gave a simple circuit of star-delta or ohm's law type to judge the fundamentals of the subject. The 5th and last game was the symbolic cup in this game. We drew the symbols of electrical and electronics components on the cup we gave some time to students to remember the symbols and after we suffel the cup and ask which symbol in this cup this game boosts the memory power of the students or we judge the sharpen the memory of students. The whole event had organized such a way where teams went through different technical skills to help them in future.

Winners:

Rank	ID	Member-I	Member-II
1st	E07-05	Divyanshu Ravat-SAF-79S5	Rutvik Patel-SAF-72S2

Event E08: TechSon

Date: 19th Feb, 2020

Time: 1:15 P.M. to 3:00 P.M.

Venue: Electronics and Communication Engineering Department, Lab-216

Participants Registered : 07 (4 teams)

Participants Actual: 07 (4 teams)

No of Participant per group (In case of group has to take a part): 02

No. of Stages/Levels in the event: 03

Faculty Coordinator: Prof. Yogesh Kakadiya

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	180390109007	Harshil Mewada	6355192204	180390109007@saffrony.ac.in
2	170390111010	Mit Prajapati	9664759247	170390111010@saffrony.ac.in
3	170390111016	Muzammil Qureshi	9106305253	170390111016@saffrony.ac.in

Introduction of the competition:

In this event, we will make a group of 2 students (maximum) but individuals can also make it. Students will acquire the knowledge regarding subject offer in 4th semester and after that do simulation on the digital kit. they will be useful to analyze the circuits in future experience.

Instruction/Rules:
1. Group of maximum 2 students.
2. Individual can make it.

Judging Criteria:
1. Will check knowledge of students for that given circuits.
2. Explanation & understanding of circuits.
3. Involvement of students.
4. Questions and Answers.

Round 1: Quiz having 30 Questions(30M).
Round 2: Interview of basic concept of EE/EC engineering.
Round 3: Give them a Circuit Diagram and Implement on digital kit.

Requirements:

Digital Kit and Print papers.

Photographs of the event:

How the event turned out:

This event divided into three levels. Level-1 was quiz of 30 Question (30Marks) .In quizzes there were question of network theory, mathematics, logical reasoning and general knowledge.Level-2 was Interview. Our expert asked question based on concept of Electrical and EC engineering.Level-3 was implement digital circuit on digital kit. There were four group of participant. Three from our college and one group from other college. They enjoyed an event a lot and give very good feedback. Out of four group one was considered as a winner.

Winners:

	ID	Member-I	Member-II
1st	E08-03	Mudra Darji -SAF-79S1	Riddhi Panchal-SAF-79S2

III - EC/Electrical Engineering Department

Event E09: VidiTech

Date: 20th Feb, 2020

Time: 10:30 A.M. to 02:15 P.M.

Venue: Electronics & Communication Engineering Department, Room no.: 103

Participant Capacity [Expected]: 25

Participants Registered: 10 (5 teams)

Participants Actual: 10 (5 teams)

No of Participant per group (In case of group has to take a part): 04

No. of Stages/Levels in the event: 03

Faculty Coordinator: Prof. Nirav Joshi, Prof. Karishma Panchal

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390111012	Bhut Harsh Dineshbhai	9586093740	170390111012@saffronyt.ac.in
2	180390109009	Patel Shubh Bhaveshbhai	9924438664	180390109009@saffrony.ac.in

Introduction of the competition:
- The prime purpose of this event is to understand the background, latest and upcoming technology in the respective department. This event will motivate students to understand the ongoing research in the respective engineering field. In this event, firstly a video on the common technology will be shown and then after some set of questions would be asked. Then after another video on the latest technology will be shown and then after a set of questions will be asked. At last the video will be shown on the emerging and scopes of upcoming technology. Based on the performance in the assignment, the winner will be selected. In case of tie, there will be the quiz round. Quiz round will include logical and practical set of questions of previous three videos and based on that winners will get selected.

Instruction/Rules:
- In this event, 3 videos will be shown to the participants.
- These 3 videos are based on ongoing technology, latest technology and upcoming technolgy respectively.
- All the participants are requested to bring stationary items such as pad, pen etc.
- All the videos will be shown for one time only. No pause and playback will be permitted.
- Three assignments will be given to the participants.

- Each assignment will be given after each video.
- Each assignment will be having 10 marks.
- 10 minutes will be given to the participants to submit the each assignments.
- In case of a tie between two teams, there will be a quiz round. Quiz round will be having questions from all the videos.

Judging Criteria:
- Three assignments will be given to the participants.
- Each assignment will be given after each video.
- Each assignment will be having 10 marks.
- Final winner will get selected based on the performance in the assignments.
- In case of a tie between two teams, there will be a quiz round. Quiz round will be having questions from all the videos.

Requirements:
- Projector
- laptop
- Board and markers
- Speaker

Photographs of the event:

How the event turned out:

It was a good learning experience for all of us because we had organized this kind of event for the first time. First of all, we faculty coordinators and students coordinators had discussed the flow of the whole event in which we had decided what kind of levels and difficulties we can put so students can enjoy as well as learn with fun. After a lot of discussions, we came up with the idea where we had divided the event into three levels. For that first of all we had shared google form to get students registration where we got a total of 5 teams (approx 25 students) from 6th Electronics and Communication Engineering and Information Technology department. So in the 1st level, we had given a condition to each team that you could write some important points from showing the first video. After showing the first video, we had given assignment of questions regarding the first video and to give ten minutes for solving the questions. Then after at 2nd level, we had given the condition that you can see the video two times but not to write anything on the paper. After showing the second video, they had to solve the assignment of questions regarding the second video for ten minutes. Lastly, we had kept the condition that the last video will be shown only one time and not to give any condition for that. After showing the last video, they had to solve an assignment of questions for ten minutes. If anyone could get the highest score from all three rounds, they can select as a winner. The whole event had organized such a way where teams went through different technical videos which they had solved to get each and every step. Students enjoyed it a lot. Moreover, they could take extra knowledge about emerging future technologies.

Winners:

Rank	ID	Member-I	Member-II	Member-III	Member-III
1st	E09-03	Kaushal Patel-SAF-72S1	Akash Malavia-SAF-72S3	Mit Prajapati-SAF-72S4	Muzammil Qureshi-SAF-72S5

IV - Automobile/Mechanical Engineering Department

Event E10: Lathe Craft

Date: 19th Feb, 2020

Time: 2:00 P.M. to 4:00 P.M.

Venue: Mechanical Engineering Department, Workshop

Participant Capacity [Expected]: 50

Participant Registered: 51

Participant Actual: 51

No of Participant per group (In case of group has to take a part): 02

No. of Stages/Levels in the event: 03

Faculty Coordinator: Prof. Sandip Chaudhary

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390119003	Hasmukh Chaudhary	9106794964	170390119003@saffronyt.ac.in
2	170390119011	Durgesh Gupta	7043112969	170390119011@saffrrony.ac.in
3	170390119020	Abhijeet Mukherjee	7984166532	170390119020@saffrony.ac.in
4	170390119031	Mahesh Prajapati	8160690781	170390119031@saffrony.ac.in

Introduction of the competition:

- *Introduction of the related subject*

Manufacturing Process and Production Technology

- *Introduction of the Event*

This event is organized in three stages. First stage consists of 30 multiple choice questions which are related to manufacturing and specifically based on the lathe machine. In the second stage participants have to solve and identify faults in the Lathe machine. In round three, participants need to perform certain operations given in drawing by using Engine Lathe Machine. The work evaluation is done on the basis of surface finish, time required, and dimensional accuracy. Several operations like straight turning, chamfering, facing, taper turning, parting etc. will be included in the Drawing.

Instruction/Rules:

- ☐ Don't use a mobile phone during the event.
- ☐ Please take care of yourself while performing operation on machines.
- ☐ Shoes are compulsory. No loose clothes

Judging Criteria:

Round 1:- The students who score less than 12 marks out of 30 marks will be eliminated.

Round 2:- First eight participants who will get a solution will get selected for the final round.

Round 3:- Participants prepare a job with required operation in less time and perfect dimensions, accuracy, finishing are declared as a winner.

Rounds

Round 1: Quiz (M.C.Q)

Round 2: Find & Solve the faults present in the lathe.

Round 3: Perform different operation and make the given job

Requirements:

- ☐ At least 8 Working Lathe machines.
- ☐ 4 Single point cutting tools.
- ☐ 160 Blank Papers for printing MCQ.
- ☐ Printer.

Photographs of the event:

Winners:

Rank	ID	Member-I
2nd	E10-14	Dilip Bhalgama-SAF-04S1
1st	E10-15	Pragnesh Prajapati-SAF-08S3

IV - Automobile/Mechanical Engineering Department

Event E11: CAD Masters

Date: 19th Feb, 2020

Time: 10:00 A.M. to 1:00 P.M.

Venue: Mechanical Engineering Department, Cad Lab 3

Participants Registered: 28 (18 teams)

Participants Actual: 28 (18 teams)

No of Participant per group (Team Event): 02

No. of Stages/Levels in the event: 02

Faculty Coordinator: Prof. Yuvrajsinh Parmar

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390119033	Sahil Suthar	9664886526	170390119033@saffronyt.ac.in
2	170394119002	Nikul Dabhi	8780674671	170394119002@saffronyt.ac.in
3	170390102003	Angel Kushwaha	8160091727	170390102003@saffronyt.ac.in

Introduction of the competition:
- *Introduction of the related subject*
  Engineering Drawing, CAD

- *Introduction of the Event*
Events will be perform on PTC Creo 5.0

Instruction/Rules:
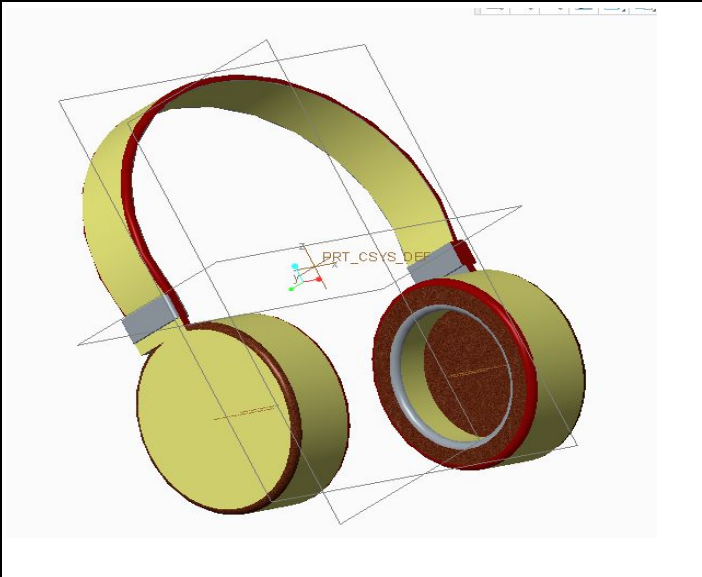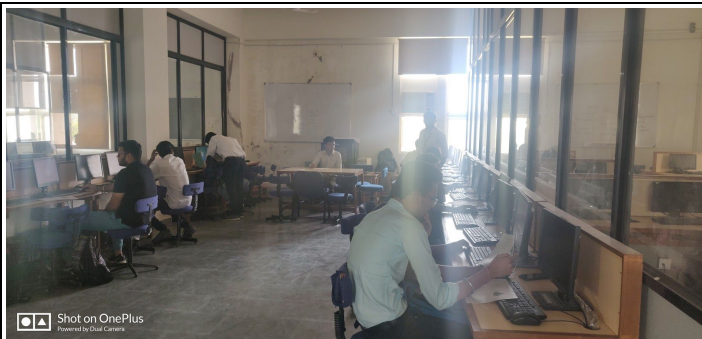- Do not use Mobile Phones

Judging Criteria:
Round 1: Convert 2D drawing into 3D in Creo. Top participants will move to the next round. Elimination will be time based.
Round 2: Participant needs to make new design of the given component according to proper aesthetics and technique.

Requirements:

2D Drawing on printed pages.20 computer with installed Creo, 2nd Round Real Objects like Cup, Hammer etc.

Photographs of the event:

How the event turned out:

Event happened in two rounds.In round one; participants needed to convert 2D drawing into 3D in Creo. Top participants will move to the next round. Elimination was time based.In round 2; Participant needed to make a new design of the given component according to proper aesthetics and technique.

Winners:

Rank	ID	Member-I	Member-II
2nd	E11-16	Siddharat Rami-SAF-90S1	Sudipta Hajra-SAF-90S2
1st	E11-08	Preet Prajapati-SAF-08S7	Prem Shah-SAF-11S4

IV - Automobile/Mechanical Engineering Department

Event E12: Mechanical Scavengers

Date: 20th Feb, 2020

Time: 10:00 A.M. to 2:00 P.M.
Venue: Mechanical Engineering Department, workshop

Participant Capacity [Expected]: 40

Participants Registered: 65 (13 teams)

Participants Actual: 65 (13 teams)

No of Participant per group (In case of group has to take a part): 05

No. of Stages/Levels in the event: 1

Faculty Coordinator: Prof. Tausif Shaikh

Student Coordinators:

Sr No	Enroll Number	Full Name	Mobile No	Email Id
1	170390119031	Mahesh Prajapati	8160690781	170390119031@saffrony.ac.in
2	170394119002	Nikul Dabhi	8780674671	170394119002@saffrony.ac.in
3	170390119033	Sahil Suthar	9664886526	170390119033@saffrony.ac.in
4	170390102003	Angel Kushwaha	8160091727	170390102003@saffrony.ac.in
5	170390119011	Durgesh Gupta	7043112969	170390119011@saffrony.ac.in
6	170390119020	Abhijeet Mukherjee	7984166532	170390119020@saffrony.ac.in
7	170390109013	Hamukh Chaudhary	8160091727	170390119003@saffrony.ac.in

Introduction of the competition:

- *Introduction of the related subject*

    All clues are related to subjects taught in mechanical engineering branch.

- *Introduction of the Event*

    Event consists of single stage having multiple phases. First of all participants are divided into teams. Initially they are given first clue and thereafter solving it they have to finding the remaining clues and solutions, whichever team will find all the clues in minimum time is declared as a winner.

Instruction/Rules:

- All the participated teams have to collect all the clues in a sequence.
- There is no break in between the events.

Judging Criteria:

Round 1: Whichever team will collect all the answers of clue and come first to given destination will be the winner.

Requirements:

- Smart Board Room 224
- White Blank Papers – 40
- Printer.

Winners:

Rank	ID	Member-I	Member-II	Member-III	Member-IV	Member-V
2nd	E12-06	Vanraj Sodha-SAF-43S6	Divyesh Patel-SAF-43S3	Mohit Vanjara-SAF-04S4	Parth Panchal-SAF-04S5	Yashgiri Goswami-SAF-04S6
1st	E12-11	Kishan Panchal-SAF-66S3	Sahil Patel-SAF-66S4	Ronit Sharma-SAF-56S1	Nikul patel-SAF-44S1	Kalp patel-SAF-44S2

IV - Non-Tech Events

Event E13: Gully Cricket

Date: 19th and 20th Feb, 2020

Time: 10:00 A.M. to 4:00 P.M.

Venue: Parking

No of Participant per group (Team Event): 06

Participant Capacity [Expected]: 100

Participants Registered:198 (34 teams)

Participants Actual: 198 (34 teams)

No. of Stages/Levels in the event: 03

Faculty Coordinator: Prof. Shailesh T Patel

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390119019	Mit Modi	8849037740	170390119019@saffrony.ac.in
2	170390119009	Rajgiri Goswami	9714898101	170390119009@saffrony.ac.in
3	170390119010	Anil Gupta	9428712990	170390119010@saffrony.ac.in

Introduction of the competition:

Right from their schooling days; kids are part of the game in a form which exists in every lane of the country, **Gully Cricket**. These gullies are narrow lanes between buildings or roads which are easily converted into unconventional stadiums. Every **cricketer** in India is exposed to this form in some manner.

Instruction/Rules:

- Maximum players:6 (NOTE: No girl player is allowed in team (COMPULSORY)
- Overs:5
- Bowling action: under arm.
- If ball falls between two circle - it's a six.
- If ball falls outside circle directly - it's out.
- One tip one hand - Its OUT
- Umpire's decision is final decision.
- Registration fee is 300 rupees /per team (Rs.50 per member)

Judging Criteria:

Round 1: knockout matches

Round 2: semi-final

Round 3: final

Requirements:

- Two Bats
- Two boxes of Nivea tennis balls
- One set of stumps
- 15 kg of lime powder.

Winners:

Rank	ID	Member-I	Member-II	Member-III	Member-IV	Member-V	Member-VI
2nd	E12-06	Sahil Patel	Abhijeet Mukharjee	Rajgiri Goswami	Shreyas Vyas	Rahul Attri	Kishan Panchal
1st	E12-11	Abhikesh harlalka-SAF-47S1	Nihar Dimar-SAF-47S2	Kamlesh patel-SAF-47S3	Dhaval sharma-SAF-47S4	Satyam yadav-SAF-47S5	Dhruv varia-GPERI-01S3

Event E14: Master Chef

Date: 19th and 20th Feb, 2020

Time: 10:30 A.M. to 4:30 P.M.

Venue: Nr. Canteen

Total Participants Actual: 104 (46 Teams)

No of Participant per group (Team Event): 03

No. of Stages/Levels in the event: 03

Faculty Coordinator: Prof. Krina Shah

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390116040	Shah Rutvik B.	9429060336	170390116040@saffronyt.ac.in
2	170390116042	Soni Jatin N.	9998909122	170390116042@saffronyt.ac.in
3	170390116023	Patel Nency D.	8160174119	170390116023@saffronyt.ac.in

Introduction of the competition:
- **Introduction of the Event**

   In this event we are going to have three rounds and in each round there will be some tasks for each and   every team. For each round we will test your tasting , recognizing , creativeness, and presentation skills

Instruction/Rules:
- Round one for 2 minutes
    - One player from the team will participate who will be blindfolded while playing
    - Just focus on your team
    - Never speak the answer loudly
- Round two for 2 minutes
    - One player will come to take a look at the dish.
    - Then entire team will be given dish to taste
    - Write your answer quietly
    - Taste is the master
- Round three
    - Prepare1 sweet and 1 savorey dish in 45 minutes.

Judging Criteria:
Round 1:   Each team will be given total 5 ingredients.

They have to write it in the given paper after buffer time.
Team having most answer correct will be qualified for next round

Round 2: List out all the ingredients of a specific dish given to your team

Most ingredients correct will be qualified, for the finale

Round 3: best team will be the winner

Requirements:
- Printed pages(one per team)
- Ingredients
- Disposable plates and spoons

Photographs of the event: (After event)

How the event turned out:
On 19th and 20th February 2020 we celebrated VEYG a technical Festival.there were so many Technical and non technical events in which students were indulged actively and they were very enthusiastic about all the events.i was the Event coordinator of " Masterchef " and there were total 45 teams who have participated and we have incorporated 3 Rounds in which participates needs to identify ingredients while blindfolded in the round 1 within 1 minutes and in the 2nd round they were given 2 dishes to taste and after that they need to write down the ingredients which have been used into the dishes within 2 minutes.
After the elimination from Round-2 we have selected 21 teams which are going to compete with each other in the finale round 3 and it was held on the Second day of the event and for

the round-3 team needs to make 1 sweet dish and 1 savorey dish within 60 minutes of time span and they have made super delicious and mouth watering dishes.being a Judge it was really tough task to select only two winning dishes but we have got our 2 winning teams because they have made dishes which has truly accomplished "soch surat aur swaad ka funda".so here i have attached the list of winners and some photographs of the event.
We all have enjoyed this Event wholeheartedly and the entire Tech fest.

Winners:

Rank	ID	Member-I	Member-II	Member-III
2nd	E12-46	Patel Jay H.	Patel Approva N.	Patel Jay H.
1st	E14-22	Nirali Patel -SAF-38S1	Maitri Trivedi-SAF-38S2	Nima Patel-SAF-30S3

IV - Non-Tech Events

Event E15: Survival of the Fittest Brain

Date: 19th & 20th Feb, 2020

Time: 10:00 A.M. to 4:00 P.M.

Venue: Room No.:-333

Participant Capacity [Expected]: 30

Participants Actual: 79 (42 teams)

No of Participant per group (Team Event): 02

No. of Stages/Levels in the event: 03

Faculty Coordinator: Prof. Rasik Patel

Student Coordinators:

1	170390116011	Axita Panchal	9429060336	170390116011@saffrony.ac.in
2	170390107042	Sanjana Thakkar	9429060336	170390107042@saffrony.ac.in

Introduction of the competition:
- *Introduction of the Event*

In this event we are going to held three rounds and for each round there will be a new task for each and every team. For first round crossword.Second round will be quiz round. In the last round you have to solve the riddles. The team which scored the highest among all the three rounds will be winner.

Instruction/Rules:
- Round one
    - o Both members will participate.
    - o Just focus on your team.
    - o Never speak the answer loudly.
    - o Phone is not allowed.
    - o only for five minutes.
    - o 15 marks for crossword (max solved).
- Round two
    - ➔ There will be 3 levels in 2nd round:-
        Level 1(General round) :-
        - ▪ Each team will be asked 2 questions of 5 marks each. They will be given 30 seconds for each question.
        - ▪ If the allotted team is unable to answer the question then the question will passed on to the subsequent teams.
        - ▪ Subsequent teams will be given 15 seconds to answer & will be awarded 5 marks for

each correct answer.

Level 2(Buzzer round) :-
- There will be 8 questions in this round. Team pressing the buzzer first will be given the chance to answer.
- 10 marks will be awarded for each correct answer & 5 marks will be deducted for each incorrect answer.
- Team will be given 60 seconds for each question.

Level 3(Riddles round) :-

- There will be 4 riddles in this round.
- 5 marks for each correct answer.
- They will be given 3 minute for each riddle.

- **Round three (Find the Difference and wrong Image round)**

  - There will be 3 questions in this round and 5 marks for each correct answer
  - Phone is not allowed.
  - Only 1 minute.
  - Don't interfere with other teams..
  -

Judging Criteria:

Round 1: Each team will be given one big crossword.
They have to solve it in the given paper.
Team who solves the cross word in minimum time will be qualified for next round.

Round 2: The Team who has the highest score will be qualified, for the finale.

Round 3: The Team who scored the highest in this round will be the "MASTER MIND".

Requirements:
Printed crosswords, Printed quiz.

Photographs of the event:

How the event turned out:

On 19th and 20th, February-2020 we have celebrated Veyg-2020. We have celebrated various technical and non technical events. I was the Co-ordinator of Survival of the Fittest Brain event. We have three rounds in our event. In round -1 Crossword and round 2 we have planned three levels Quiz, Buzzer, Riddles and in the final round we have arranged 'what are difference and wrong'. Event was held very well. Total 82 Students participated in our event. All participants enjoyed all three rounds with fun and knowledge and we got very good reviews from all the participants.

Winners:

Rank	ID	Member-I	Member-II
2nd	E15-40	Rahul Chavda-SAF-75S6	Nir Shah-SAF-75S1
1st	E15-31	Janushee thesia-SAF-31S1	Yashvi Gala-SAF-31S2

V - Made in India (The Project Competition)

Event A: DIY - Do It Yourself (First Year Engineering Students)

Date: 19th Feb, 2020

Time: 09:30 AM to 12:30 PM

Venue: 2nd Floor corridors, SPBPEC

No. of Groups Participated: 22 Teams

No of Participant per group (In case of group has to take a part): 04

No. of Stages/Levels in the event: 01

Faculty Coordinator: Prof. Malay Bhatt, Prof. Chirag Korat, Prof. Yagnesh Patel, Prof. Himani Langhnoja

Student Coordinators: NA

Introduction of the competition:
The aim of the 'Do It Yourself' is to provide a fair, ethical and modest platform for 1st year student from all engineering colleges affiliated with Gujarat Technological University or private universities of Gujarat, diverse disciplines and market focus to compete on, while providing them a comprehensive audience to showcase their projects which are based on fundamental principle of engineering..
Gain the exposure: Enter one of the most respected events of VEYG-2020. The 'Do It Yourself' is for 1st year students who want to show application of engineering principle in the form of projects.

Judging Criteria:
The evaluation process for entries to **'Do it Yourself'** is based on various judging criteria which are constantly adapted to Fundamental knowledge, Implication of engineering principles, creativity, technical, commercial and environmental requirements. These criteria are not comprehensive and not all criteria are applicable to each design. They simply provide an orientation framework and basis for judging, which is complemented by each individual jury member expertise and professional background.
Each member of the Jury is passionately committed to providing a fair and unbiased evaluation of all entries.

The judging criteria include the following:
- **Working Model & Functionality**
- **Understanding of fundamental principle and its implications.**
- **Creativity —** does the design stand out, provide something new or complement/improve an existing product or service?
- **Presentation —** Presentation of design, visualization of use and maintenance, clearness representation and relevant details are addressed
- **Application and Benefit to the society**

Instruction/Rules:
1. Participants need to participate in group of 4 (max).
2. Event is having only one round where Jury member(s) will come to evaluate students' work.
3. Multidisciplinary students are allowed.
4. There will be no elimination during the event.

Requirements:
   1. Benches or Tables - (Approx 22) to demonstrate students' work
   2. Electricity connection if in case requires for laptop or any other use

Judges:
Prof. Malay Bhatt - Electrical Dept.
Prof. Chirag Korat - Mechanical Dept.
Prof. Yagnesh Patel – CE/IT Dept.
Prof. Himani Langhnoja – CE/IT Dept.
Prof. Arpan Patel - Civil Dept.
Prof. Karishma Panchal - EC Dept.

Photographs of the event:
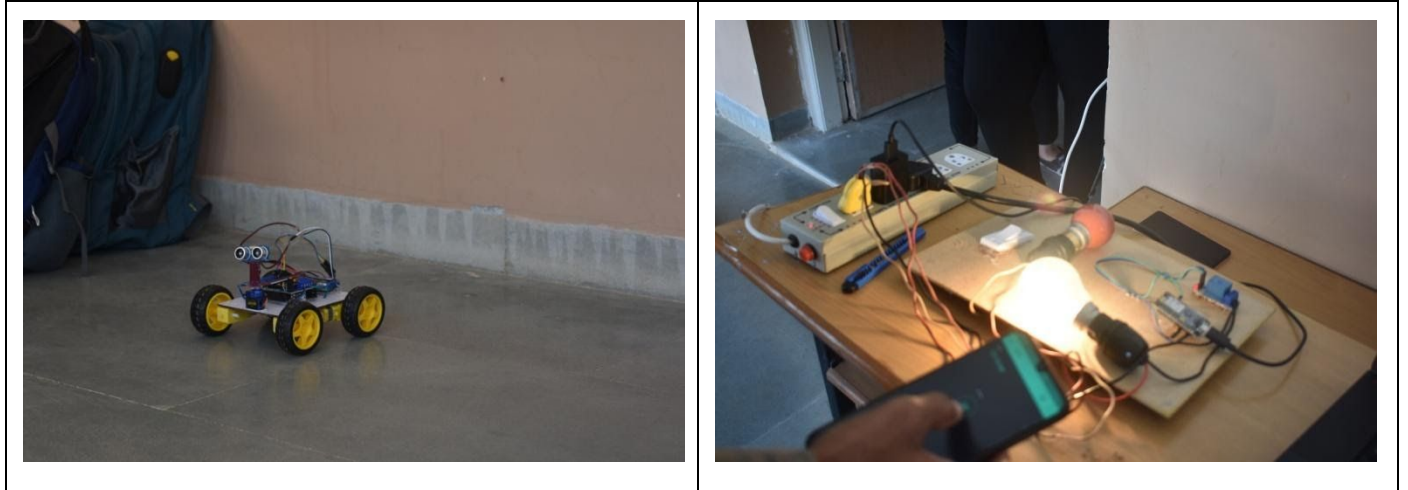
All groups were from our college. They enjoyed the event a lot and gave very good feedback. Based on the criteria i.e. working model, conceptual knowledge, creativity, application, and presentation skill, two groups were considered as winners out of 22 groups.

Winners:

Rank	ID	Member-I	Member-II	Member-III	Member-IV
2nd	A-18	Harshit Chauhan -SAF-09S1	Ravindra Taviya-SAF-09S2	Shubham Suthar-SAF-09S3	Shivam Suthar-SAF-09S5
1st	A-20	Dhruvi Bhavsar-SAF-41S1	Aayesha Mansuri-SAF-41S2	Chhaya Timbadiya-SAF-41S3	Devki Hansalia-SAF-36S3

V - Made in India (The Project Competition)

Event B: Ideas that Change the World (DesignThinking Competition for Third Year Engineering Students)

Date: 19th Feb, 2020

Time: 10:00 A.M. to 12:30 P.M.

Venue: 2nd Floor corridors, Degree Side, SPBPEC

Participant Capacity [Expected]:150 (30 Teams)

Participants Registered/Actual: 38 from 6th ME/AE (9 teams), 13 from 6th EC (4 teams), 23 from 6th Civil (5 teams), 19 from 6th CSE (4 teams), 28 from 6th IT (7 teams)

No of Participant per group (In case of group has to take a part): 05

No. of Stages/Levels in the event: 01

Faculty Coordinator:

Sr No.	Full Name	Mobile No	E-mail
1	Prof. Akshay Kansara	9925516674	akshay.kansara@saffrony.ac.in
2	Prof. Jignesh Kadiya	9723234902	jignesh.kadia@saffrony.ac.in
3	LA Vishal Suthar	9998903035	vishal.suthar@saffrony.ac.in
4	LA Piyush Nayi	8849027145	piyush.nayi@saffrony.ac.in

Introduction of the competition:

The aim of the 'Ideas that change the world' is to provide a fair, ethical and modest platform for each and every student from all engineering colleges affiliated with Gujarat Technological University or private universities of Gujarat, diverse disciplines and market focus to compete on, while providing them a comprehensive audience to showcase their achievements and endowments to.

Gain the exposure: Enter one of the most respected events of VEYG-2020.The 'Design Guru Competition' is for young designers and innovators that want to highlight their ideas, innovations.

Judging Criteria:

The evaluation process for entries to 'Ideas that change the world -Design Engineering Competition' is based on various judging criteria which are constantly adapted to new creative, technical, social, commercial and environmental requirements. These criteria are not comprehensive and not all criteria are applicable to each design. They simply provide an orientation framework and basis for judging, which is complemented by each individual jury member expertise and professional background.

Each member of the Jury is passionately committed to providing a fair and unbiased evaluation of all entries.

The judging criteria include the following:

- **Innovation** — does the design stand out, provide something new or complement/improve an existing product or service?

- **Presentation** — Presentation of design, visualization of use and maintenance, clearness representation and relevant details are addressed

- **Functionality** — ease of use, safety, maintenance, etc.

- **Ergonomics** — the overall interaction with the user

- **Durability** — the quality and longevity of the design

- **Impact** — the benefit delivered to the user and/or society by the design

- **Utility** — does the design meet the intended purpose and needs of the user?

- **Ecological compatibility** — potential environmental and/or ecological impact

- **Reality of production** — how realistic is it, technically and economically, to bring this design to production and broad-scale use

- **Emotional quotient** — in addition to fulfilling its practical purpose, wills the design create a sense of enjoyment, satisfaction?

Instructions/Rules:
1. Event is having only one round where Jury member(s) will come to evaluate students' work.
2. There will be no elimination during the event.

Requirements:
1. Benches or Tables - (Approx 50) to demonstrate students' work
2. Electricity connection if in case requires for laptop or any other use
3. Student volunteers at least six for smooth conduction

How the event turned out:
It was a great experience for us as a Design Engineering competition team called **'Ideas that change the World'**. We got a total of 28 team registrations from all the branches of our college. We also got one team registration from the Mechanical Engineering department of Silver Oak University. After getting the entire list of participants, we had a discussion with VEYG team and Academic team where we discussed our points such as judging criteria, location for the event, flow of the event, group of judges from each department and prizes for the winners.The event started after the inaugural function at 10 o'clock in the morning and ended at sharp 12:30 PM. There were a total of two rounds of judging for each team where two sets of judges from each

department reviewed the work done by each team.Then winners were selected based on the total marks obtained by the judges (both the panels) of all the departments.

Apart from these judges, we all were fortunate enough that all the teams were judged and guided by Shri. Priyesh Dalal, our Managing Trustee, Mr. Bimal Trivedi, our invited chief guest, Dr. Gulal Bambhaniya Management representative, Mr. Dipen Gandhi, Management representative, Mr. Vishal Makadia, Management representative, Mr. Kushal Amin, Management representative, Prof. Chitralekha Nahar, Vice Principal and Prof. M.A. Patel, Diploma Principal. The inputs from each of them were a pleasure indeed for us including participants.

All the projects were remarkable and it was a very tough competition among all the participants. Even judges were so confused to select the best out of best from all the projects.

At the end, we would like to thank our management, Academic team, VEYG team, coordinators, all the participants and last but not the list Mr Kaushal Nayak & his team for their support.

List of judges: Computer Engineering & Information Technology Department

Sr No	Faculty Name	Designation	Mobile No	E-mail
1	Prof. Ekta Joshi	Assistant Professor	9427032497	ekta.joshi@saffrony.ac.in
2	Prof. Tanvi Joshi	Assistant Professor	7016864347	tanvi.joshi@saffrony.ac.in
3	Prof. Tejas Patel	Assistant Professor	9712910167	tejas.patel@saffrony.ac.in
4	Prof. Sarfraz Jarda	Assistant Professor	9574719600	sarfraz.jarda@saffrony.ac.in

List of judges: Civil Engineering Department

Sr No	Faculty Name	Department Name	Mobile No	E-mail
1	Prof. Rajat Mishra	Head of Department	9427032497	rajat.mishra@saffrony.ac.in
2	Prof. Arpan Patel	Assistant Professor	7016864347	arpan.patel@saffrony.ac.in
3	Prof. Kanu Patel	Assistant Professor	9712910167	kanur.patel@saffrony.ac.in
4	Prof. Manan Mori	Assistant Professor	9574719600	manan.mori@saffrony.ac.in

List of judges: Mechanical Engineering & Automobile Engineering Department

Sr No	Faculty Name	Department Name	Mobile No	E-mail
1	Prof. Sandip Chaudhary	Assistant Professor	7600871809	sandip.chaudhary@saffrony.ac.in
2	Prof. Chandresh Patel	Assistant Professor	8200753442	chandresh.patel@saffrony.ac.in

3	Prof. Taushif Shaikh	Assistant Professor	9898449201	taushif.shaikh@saffrony.ac.in
4	Prof. Yuvraj Parmar	Assistant Professor	9426161916	yuvraj.parmar@saffrony.ac.in

List of judges: Electronics & Communication Engineering Department

Sr No	Faculty Name	Department Name	Mobile No	E-mail
1	Prof. Jignesh Kadia	Assistant Professor	9723234902	jignesh.kadia@saffrony.ac.in
2	Prof. Nirav Joshi	Assistant Professor	9909350982	nirav.joshi@saffrony.ac.in

Photographs of the Event:

Winners:

ME/ AE	ID	Member-I	Member-II	Member-III	Member-IV	Member-V
1st	B-04	Sahil Suthar-SAF-89S1	Nikul Dabhi-SAF-89S2	Nisharg Patel-SAF-89S3	Vanraj Sodha-SAF-89S4	Aftab Malek-SAF-89S5

EC	ID	Member-I	Member-II	Member-III	Member-IV	Member-V
1st	B-11	Smit Patel-SAF-73S1	Harsh Bhut-SAF-73S2	Akash Malavia-SAF-72S3	Abhishek Korat-SAF-79S4	Mayank Mewara-SAF

CL	ID	Member-I	Member-II	Member-III	Member-IV	Member-V
1st	B-13	Jeet Patel-SAF-88S1	Jigar Rabari-SAF-23S5	Kishan Patel-SAF-121S2	Yash Makwana-SAF-121S4	Nishit Patel-SAF-121S3

CE	ID	Member-I	Member-II	Member-III	Member-IV	Member-V
2nd	B-21	Shah Harsh-SAF-110S1	Prajapati Kundan-SAF-110S2	Sneha Pandey-SAF-110S3	Shah Shreyash-SAF-110S4	Patel Mantra-SAF-110S5
1st	B-20	Krishna Pal-SAF-107S1	Sankalp Gupta-SAF-107S2	Harshil Patel-SAF-107S3	Tanmay Kansara-SAF-107S4	Divyesh Rathva-SAF-107S5

V - Made in India (The Project Competition)

Event C: The Last Few Miles (Final Year Project Competitions)

Date: 19th Feb, 2020

Time: 10:00 A.M. to 12:00 P.M.

Venue: 1st & 2nd Floor corridors, SPBPEC

Participants : 11 Teams (31 Participants)

                20 from ME/AE (6 teams), 4 from CS/IT (2 teams), 7 from Civil (3 teams)

No of Participant per group (In case of group has to take a part): 04

No. of Stages/Levels in the event: 01

Faculty Coordinator: Prof. Rajat Mishra, Prof. Yuvrajsinh Parmar

Introduction of the competition:
The aim of the 'Final Year Project Competition' was to provide a fair, ethical and modest platform for each and every student from all engineering colleges affiliated with Gujarat Technological University or private universities of Gujarat, diverse disciplines and market focus to compete on, while providing them a comprehensive audience to showcase their achievements and endowments to.
Gain the exposure: Enter one of the most respected events of VEYG-2020.The 'Final Year Project Competition' is for all young minds to highlight their ideas, innovations into reality.

Judging Criteria: The evaluation process for entries to **'Final Year Project Competition'** was based on various judging criteria which are constantly adapted to new creative, technical, social, commercial and environmental requirements.
Each member of the **Jury** was passionately committed to providing a fair and unbiased evaluation of all entries.

The judging criteria include the following:
- **Innovation —** does the project stand out, provide something new or complement/improve an existing product or service?

- **Presentation —** Presentation of project, visualization of use and maintenance, clearness representation and relevant details are addressed

- **Functionality —** ease of use, safety, maintenance, etc.

- **Ergonomics —** the overall interaction with the user

- **Durability —** the quality and longevity of the project

- **Impact —** the benefit delivered to the user and/or society by the project

- **Utility —** does the project meet the intended purpose and needs of the user?

- **Ecological compatibility —** potential environmental and/or ecological impact

- **Reality of production** — how realistic is it, technically and economically, to bring this project to production and broad-scale use
- **Emotional quotient** — in addition to fulfilling its practical purpose, will the project create a sense of enjoyment, satisfaction?

Instruction/Rules:
1. Participants need to present a ppt, a poster and a model/a prototype(if available).
2. Participants need to participate in a group of four (max).
3. There will be a winning team from each branch.
4. Event had only one round where a Jury member(s) will come to evaluate students' work.
5. There will be no elimination during the event.

Requirements:

1. Benches or Tables - (Approx 50) to demonstrate students' work
2. Electricity connection if in case requires for laptop or any other use
3. Student volunteers at least six for smooth conduction

Winners:

ME/AE	ID	Member-I	Member-II	Member-III	Member-IV
1st	C-01	Zeel Patel	Tushar Gohil	Rajveesinh Parmar	Darshan Joshi

CS/IT	ID	Member-I
1st	C-11	Nisarg Goswami-SAF-123S1

CL	ID	Member-I	Member-II	Member-III
1st	C-12	Pragnesh Panchal	Krunal Prajapati	Kuldipsinh Zala

VI - Robo 2.0 (Robotics)

Date: 20th Feb, 2020

Time: 09:30 A.M. to 1:30 P.M.

Venue: 210

Participant Capacity [Expected]: 30

Actual Participants: 13 (5 teams)

No of Participant per group (Team Event): 03

No. of Stages/Levels in the event: 01

Faculty Coordinator: Prof. Nirav Joshi

Student Coordinators:

Sr No.	Enroll Number	Full Name	Mobile No	E-mail
1	170390107034	Kundan Prajapati	9265948547	170390107034@saffrony.ac.in
2	180393107005	Sneha Pandey	7069049532	180393107005@saffrony.ac.in
3	170390119012	Sudipta Hajra	7990604575	170390119012@saffrony.ac.in
4	170390119032	Siddharth Rami	8200531567	170390119032@saffrony.ac.in

Introduction of the competition (8-10 lines):
- This event holds the purpose to test student's basic understanding in using various sensors, controllers, motors, electric supplies, converters, programming and gate driver circuits.
- In this event students will implement the things, listed above, to make the robot. This will give a jump that in future they can improve it and based on the requirement they will know how to use different components.

Instruction/Rules:
- The event holds the simple task of line follower robot but the twist comes in following the line in terms of the design of the path.
- Students can use any component, dimensions, simulation, design to make the robot conditioning that the design of the robot should be original. The robot should be fully automatic during the line following task.
- Robot can either be fully automatic or it can be controlled through wifi/Bluetooth connection. Fully automatic robots during both the tasks will affect the judging criteria in a positive way.

Judging Criteria:
- In this event, all the teams will have to perform the line follower task.
- The marks for this event are based on time taken by the robot to complete the tasks along with the penalties. Penalty of 3 seconds would be added to the total time once the robot moves away from the line.
- In case of tie, line followers would be held again for reverse track.

Requirements:

- Lab
- Arena

Photographs of the event:

One good paragraph explaining about "How the event happens?

The event started around 10:00 PM. There were 5 teams performing in this event. This event was all about the accuracy of the robot and speed of the robot. All the teams came with their own ideas and logics to build the robot. This event had one team from the 1st year. The positives from the event are: (a) Each team has presented the unique design of robots; (b) Teams from the 1st year of the engineering were participated and performed really good, (c) Teams performing in the event have shown the good spirit and executed their ideas very well.

VEYG TECHFEST 2019

Saffrony Institute of Technology
S.P.B Patel Engineering College
Linch-Mehsana-384435

Educating Minds & Hearts

VEYG 2019

Report on Mechanical-Automobile Events

'Mechanical Samurai'

Students Coordinators:

Sr.No	Name of Student	Branch
1	Mahipatsinh Jadeja	6 th-Mechanical
2	Ajay Dantani	6 th-Mechanical
3	Ravi Raval	6 th-Automobile

Date: March 20th 2019
Duration: 10:00 am to 2 pm
Venue: S.P.B. Patel Engineering College, Mehsana, Room No: 224,241-B
No. of Participants: 32 Students of Mechanical-Automobile Stream.

Introduction and Objective:

S.P.B. Patel college of Engineering Mehsana supports to show the mechanical engineering conceptual knowledge for the all Mechanical Engineering students in Mechanical Samurai Event.

Mechanical Samurai a technical event was organized under **Mechanical-Automobile Department** by the faculty coordinator **Prof. Vaidant Dixit**.

Every year as a part of Tech-Fest events S.P.B PATEL ENGINEEIRNG College organized VEYG 2019 on 20th March 2019. It is not just event but a platform and opportunity to show the subjects knowledge understanding and its practical application through events like this.

Event was conducted on the 20th March 2019 in Mechanical Engineering Department Room No-224. It comprised of 3 Technical Rounds. In first round Students have to appear in Multi Choice Question Exam.

In second round they showed their practical skills like identify various instruments and tools used in Mechanical Engineering. Objective of 2nd round was to make them aware about importance of practical aspect of engineering world.

In last and third round top 5 participants on the basis of results of first 2 rounds got selected and took part in Buzzer round. Questions were displaying on ppt and those who know the correct answer will press the buzzer first and then get a chance to answer the question. Correct answer will give 10 points and wrong answer will give -5 points.

Table 1. List of Winner and Runner-up

Mechanical-Automobile Department				
Sr. No.	Enrolment No.	Name of Student	Semester-Branch	College
1	170390119030	Sahil Kinjalbhai Patel	4th ME	S.P.B Patel Engineering College
2	180393102002	Vishalkumar Natvarbhai Raval	4th AE	S.P.B Patel Engineering College

'CADISTIC 2019'

Date: 20th March 2019
Duration: 1:30pm to 3:30 pm
Venue: S.P.B. Patel Engineering College, Mehsana
No. of Participants: 23 students from various branches of Engineering of S.P.B Patel Engineering College.

Introduction and Objective:

CAD-ISTIC a technical event was organized under **Mechanical- Automobile Department** by the faculty coordinator **Prof. Kunalsinh Kathia**.

The event started at sharp 1:30 pm in CAD Lab of Mechanical Department. The competition was among the student to create 2D as well as 3D model using **Creo Parametric-0.2 and AUTO CAD** software in allotted time of 20 minutes from orthographic and Isometric views respectively.

Altogether **23** students of mechanical-automobile participated in the event. Within the given time slots total four rounds were smoothly conducted to decide the winner and the runner up of the event.

Table 2. List of Winner and Runner-up

Mechanical-Automobile Department				
Sr. No.	Enrolment No.	Name of Student	Semester-Branch	College
1	170393119002	Dantani Ajay Vinodbhai	6th ME	S.P.B Patel Engineering College
2	170393119003	Jadeja Mahipat Babubhai	6th ME	S.P.B Patel Engineering College

'Refrigeration Quizophile 2019'

Date: February 14th 2018
Duration: 10:30 am to 4:00 pm
Venue: S.P.B. Patel Engineering College, Mehsana
No. of Participants: 10

Introduction and Objective:

Refrigeration Quizophile a technical event was organized under **Mechanical- Automobile Department** by the faculty coordinator **Prof. Sagar H Patel** and **Prof Tausif M Shaikh**.

The event started at sharp 10:00AM in CAD Lab of Mechanical Department. The Round -1 was quiz among the students to solve the Multi choice Questions on EDMODO Online platform using Theoretical and practical knowledge in allotted time of 30 minutes.
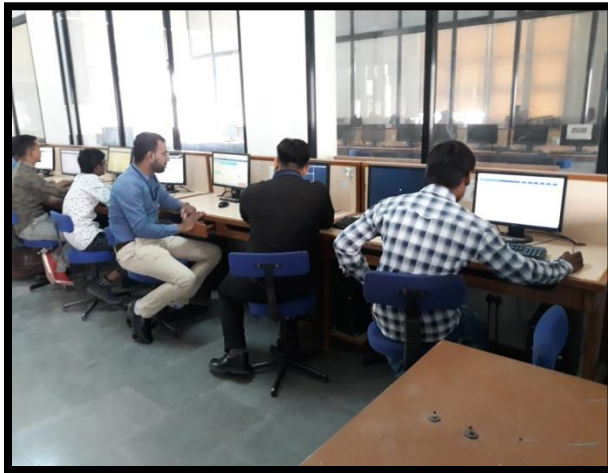
Then second session conducted by Prof.Tausif Shaikh on "Basics of HVAC System".The session was about the HVAC & Refrigeration. HVAC & Refrigeration is no longer remained a luxurious commodity for the people of modern India. Therefore, it is becoming one of the key building blocks in modern infrastructure. Beside this the HVAC & Refrigeration mainly uses vapour compression refrigeration (VCR) as technology having a working fluid called refrigerant. Due to harmful effect of the refrigerants on ozone layer and global climate change the present industry is undergoing revolutionary changes to mitigate environmental issues. Under the circumstance vapour absorption cooling systems are really popular in variety of industries as well as commercial buildings for process-cooling and air-conditioning. It will also highlight challenges and opportunities in HVAC & Refrigeration industry for the present and future.

At last third session conducted by Prof.Tausif Shaikh, Prof.Sagar Patel & Prof.Kamlesh Samadhiya. The Round-2 was about identification of Parts in Refrigeration Lab, Participants had identified parts of different components as per marking was done.

Altogether **10** students of 6th Mechanical and Automobile Engineering Department participated in the event. Within the given time slots total two rounds were smoothly conducted to decide the winner and the runner up of the event.

Table 3. List of Winner and Runner-up

	Mechanical-Automobile Department			
Sr. No.	Enrolment No.	Name of Student	Semester-Branch	College
1	170393119002	Dantani Ajay Vinodbhai	6th ME	S.P.B Patel Engineering College
2	170393119003	Jadeja Mahipat Babubhai	6th ME	S.P.B Patel Engineering College

Chief Patron:

Dr. Narsi K Sherasia

Principal, S. P. B. Patel Engineering College

Prepared By:

Prof. Vaidant Dixit

Department of Mechanical Engineering

Saffrony Institute of Technology

Linch, Mehsana

Saffrony Institute of Technology
S.P.B Patel Engineering College
Linch-Mehsana-384435

VEYG 2019

Report on 'Mechanical Samurai - 2019'

Name of Event Head: Prof. Vaidant Dixit

Students Coordinators:

Sr.No	Name of Student	Branch
1	Mahipatsinh Jadeja	6 th-Mechanical
2	Ajay Dantani	6 th-Mechanical
3	Ravi Raval	6 th-Automobile

Date: March 20th 2019
Duration: 10:00 am to 2 pm
Venue: S.P.B. Patel Engineering College, Mehsana, Room No: 224,241-B
No. of Participants: 32 Students of Mechanical-Automobile Stream.

Introduction and Objective:

S.P.B. Patel college of Engineering Mehsana supports to show the mechanical engineering conceptual knowledge for the all Mechanical Engineering students in Mechanical Samurai Event.

Every year as a part of Tech-Fest events S.P.B PATEL ENGINEEIRNG College organized VEYG 2019 on 20th March 2019. It is not just event but a platform and opportunity to show the subjects knowledge understanding and its practical application through events like this.

Event was conducted on the 20th March 2019 in Mechanical Engineering Department Room No-224. It comprised of 3 Technical Rounds. In first round Students have to appear in Multi Choice Question Exam.

In second round they showed their practical skills like identify various instruments and tools used in Mechanical Engineering. Objective of 2nd round was to make them aware about importance of practical aspect of engineering world.

In last and third round top 5 participants on the basis of results of first 2 rounds got selected and took part in Buzzer round. Questions were displaying on ppt and those who know the correct answer will press the buzzer first and then get a chance to answer the question. Correct answer will give 10 points and wrong answer will give -5 points.

Table 1. List of Winner and Runnerup

Mechanical Department				
Sr. No.	Enrolment No.	Name of Student	Semester-Branch	College
1	170390119030	Sahil Kinjalbhai Patel	4th ME	S.P.B Patel Engineering College
2	180393102002	Vishalkumar Natvarbhai Raval	4th AE	S.P.B Patel Engineering College

Chief Patron:

Dr. Narsi K Sherasia

Principal, S. P. B. Patel Engineering College

Prepared By:

Prof. Vaidant Dixit

Department of Mechanical Engineering

Saffrony Institute of Technology

Linch, Mehsana

Saffrony Institute of Technology
S.P.B Patel Engineering College
Linch-Mehsana-384435

VEYG 2019

Report on 'Design Thinking Exhibition – 3rd Year'

Date: March 19th 2019
Duration: 01:00 pm to 03:30 pm
Venue: S.P.B. Patel Engineering College, Mehsana
No. of Participants: 100 groups from various branches of Engineering of S.P.B Patel Engineering College.

Introduction and Objective:

S.P.B. Patel college of Engineering Mehsana provides a unique platform to the final year students of various Engineering disciplines to showcase their quality work and Technical skills in form of Design Thinking Exhibition for pre-final year students. The Institute organized this event during annual Technical fest of college i.e. VEYG 2019 on March 19th and 20th 2019. Prof. Chitralekha Nahar, Principal of Saffrony Degree Engineering College and Dr. M.A Patel, Principal of Saffrony Diploma Engineering were remained present for motivating the students and gave the idea of innovation and its importance to the students. Total 100 groups of First and Final year students from UG and Polytechnic participated in Project and Model Competition-2018.

For each and every group of students, department faculties were asked to judge the projects of students and to motivate them. Head of Departments (HOD'S) of all the branches supported our judges in motivating the students and provide valuable suggestions for their projects. Departmental Coordinators from each branches also contributed to the make this event a success. Details of internal Expert and external experts along with Departmental coordinators are mentioned below in tabular form.

Design Thinking Exhibition – 3rd Year:

March 19th and 20th, 2019

Table 1. List of HOD'S and Departmental Coordinators/Judges

Sr. No.	HEAD OF DEPARTMENT	DESIGNATION	DEPARTMENTAL COORDINATOR & EVENT JUDGES	BRANCH
1	Prof. Chitralekha Nahar	Head of Department	Prof. Sagar Patel Prof. Sandip Chaudhary	Mechanical Engineering
2	Prof. Kamlesh Samadhiya	Section Head	Prof. Tausif Shaikh Prof. Ranjit Jadeja	Automobile Engineering
3	Prof. Akshay Kansara	Head of Department	Prof. Manan Thakkar Prof. Tejas Patel Prof. Tanvi Joshi	Computer Science & Information Technology Engineering
4	Prof. Rajat Mishra	Head of Department	Prof. Arpan Patel Prof. Ajay Gupta	Civil Engineering

For the design thinking exhibition of pre-final year students, all the groups of all the branches including were instructed to complete the poster or say model along on or before 15th March 2019 so that planning for poster and final product display can be initiated.

On 19th March, 2018, at 01:00 pm each department started the presentation. In each department internal judges panel; and HOD'S all together observed the projects, judged them, and also gave suggestions to correct the errors if any, and finally they decided top 2 projects from all the branches individually. Posters/Models of all the projects are displayed in the lobby of college campus and separate floor of each wing were allotted for specific branches for smooth conduction of this event.

At the end of this event, **Dr. Narshi K Sherasia**, Principal of S.P.B Patel Engineering College delivered the speech about introduction and aim of this event. All the judges gave some suggestion to the students about their projects. They directly interacted with students and faculties of individual department as well and advised how they should become serious for their projects. At last we have awarded best two projects from each department.

Table 4. List of Top Two Projects from Each Department (Degree)

Mechanical Department			
Sr. No.	Enrolment No.	Name of Student	Project Title
1	140390109006	Jadeja Mahipatsinh	Stair Climbing Trolley
	140390109013	Dantani Ajay	
	140390109014	Patel Kaushal	
	140390109015	Solanki Ravi	
2		Prajapati Preet	Modified Rolling Pin
	140390109007	Patel Jay	
	140390109010	Patel Mayank	
		Patel Apoorva	

Automobile Department			
1.	140390119127	Patel Shivam	Hydrogen Hybrid Engine
	140390119107	Shukla Pawan	
	140390119126	Raval Ravi	
Computer Science Department			
1	160390107005	Bansi Chovatiya	Smart Shopping Mall
	160390107022	Jigna Patel	
2	160390107008	Krushang Gandhi	Home Automation
	160390107021	Honey Patel	
	160390107019	Hemal Patel	
Information Technology Department			
1	160390116022	Dhru Shaileshbhai Rawal	Online Bus Pass System
	160390116012	Bharat Padiyar	
	160390116023	Sachin Sharma	
	160390116011	Hemil Oza	
Civil Department			
1	170393106001	Jayant Mewara	On Site Store Tank
	170393106004	Bhautik Vaghisaya	
	160380106006	Parin Vaghisaya	

Chief Patron:

Dr. Narshi K Sherasia

Principal, S. P. B. Patel Engineering College

Prepared By:

Prof. Vaidant Dixit

Instititute Level Coordinator

Design Thinking Exhibition – VEYG 2019

Saffrony Institute of Technology

Linch, Mehsana

VEYG 2019- DESIGN THINKING EXHIBITION – 3rd YEAR AT A GLANCE

Saffrony Institute of Technology
S. P. B. Patel Engineering College, Linch

Technical Festival – VEYG 2k19

A Report on

Project Exhibition

Date: March 19th, 2019
Duration: 10:00 am to 1 pm
Venue: S.P.B. Patel Engineering College, Mehsana
No. of Participants: 46 groups from various branches of Engineering of S.P.B Patel Engineering College.

Introduction and Objective:

S.P.B. Patel college of Engineering, Mehsana provides a unique platform to the final year students of various Engineering disciplines to showcase their quality work and technical skills in the form of Project Exhibition and Model Competition for final year students. The Institute organized this event during annual Technical fest of college VEYG 2019 on March 19th, 2019. Prof. Chitralekha Nahar, Vice-Principal of Saffrony Degree Engineering College and Dr. M.A Patel, Principal of Saffrony Diploma Engineering remained present for motivating the students and shared their views on the ideas of innovation and its importance in students' life. Total 46 groups from all the Departments were present. Head of Department of all the branches also present along with the assigned judges. Department level Coordinators and their guides contributed their best to the make this event a success. All the judges gave some valuable suggestion to the students about their projects. They directly interacted with students of the individual department and advised how they should become serious about their projects. At last two best projects from each department were awarded. All the details are mentioned below.

| Sr. No.	Department	Coordinators	No. of Groups	Winner group	Runner-up Group
1	8th Mechanical	Prof. Chandresh Patel Prof. Bhupendra Bhatt Prof. Yuvraj Parmar	12	Luhar Laprit JagtarSingh	Deelwal Raviprakash Ramkishan
				Yadav Avinash Ashok	Patel Romy Kanaiyalal
				Vaghela Bharatsinh Panji	Patel Jaiminkumar Bipinkumar
				Rajput Sedhabhai Kalabhai	Patel Rushabh Chandrakant
2	8th Auto	Prof. Chandresh Patel Prof. Bhupendra Bhatt Prof. Yuvraj Parmar	5	Daraji Hiren Laljibhai	Raval Harsh Jayeshkumar
				Rajput Darshansinh Bharatsinh	Chaudhary Hardik Gopalbhai
				Arbastani Harsh Manishkumar	Chaudhary Pavan Vinodbhai
				Patel Hardikkumar Kalpeshbhai	
3	8th CE - IT	Prof. Parimal Patel Prof. Ravindra Patel Patel Yagnesh Patel	19	Manvee Rammohan Soni	Sourabh Sanjay Rupani
				Zeel Harshadbhai Patel	Prashant Rajesh Thevar
4	8th Civil	Prof. Kumkum Bhatacharyajee Prof. Avani Dedhia	8	Jani Meet Manishkumar	Badgujar Yogesh Vasudevbhai
				Chavda Vardhman Kuldipsinh	Mansuri Mohmadzuber Dinmohamad
				Makwana Varunbhai Labhubhai	Patel Mitkumar Dilipbhai
				Bhadresa Jaykumar Sandipbhai	
5	8th EE	Prof. Malay Bhatt	2	Patel Jay	NA
				Rahul Rawat	
				Patel Dhrupal	
				Prajapati Ravi	

Prepared By:
Prof. Kanu Patel
Institute Level Coordinator
Project Exhibition – VEYG 2019
Saffrony Institute of Technology
Linch, Mehsana

VEYG 2019 - PROJECT EXHIBITION AT A GLANCE
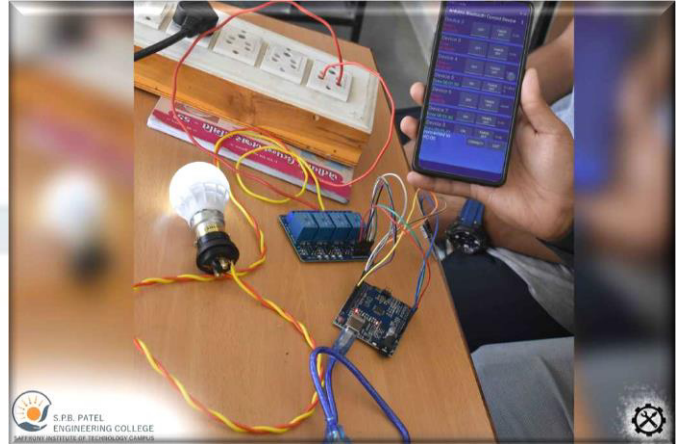
A Report On
Technical Events
during
Technical Festival – VEYG2k19

1) METALOG

As a part of event VEYG – 2019, Electrical department had organized "**METALOG**". It was a session on basics as well as simulation in Matlab and Scilab This event was coordinated by Prof. Ravi Kumar Ranjan (Electrical Department) and Prof. Ronit Danej (Electrical Department).

The session started at 10:00 am with introduction and basics of Matlab. The students of EE and EC had learned the basic coding and tools that can be implemented in Matlab. Afterword from 11:00 am to 12:00 pm students learned about simulation design in Matlab with real-time example in the session of Prof. Ronit Danej. Then from 12:00 to 12:45 pm session on Scilab was delivered by Prof. Ravi Kumar Ranjan on design and basic of Scilab. At 1:00 to 1:30 pm competition was held among participants on coding in Scilab for the given problem.

Winners:

Sr. No.	Name of Technical Event	Name of winners & Runner up
1	**METALOG**	**Name of winners** 1. Jaykumar Nagjibhai Patel (8th EE) 2. Divyanshu Nareshbhai Rawat (4th EC)
		Name of Runner up 1. Rahul Din Dayal Singh Ravat (8th EE) 2. Mudra Harshadbhai Darji (4th EC)

Saffrony Institute of Technology
S. P. B. Patel Engineering College, Linch

Technical Festival – VEYG 2k19

A Report on

DIY Exhibition

Date: March 19th, 2019

Duration: 10:00 am to 1 pm

Venue: S.P.B. Patel Engineering College, Mehsana

No. of Participants: 24 groups from various branches of Engineering of S.P.B Patel Engineering College.

Introduction and Objective of the theme:

Challenge of making mini project for DIY exhibition was given to the 2nd sem students of all the branches. The students were free to select the field of their interest to make their working model or mini project for DIY exhibition. This exhibition was unique platform to the 1st year students of various Engineering disciplines to showcase their quality work and technical skills and learn the project making process. The main objective DIY exhibition was giving a platform to these brilliant young minds and allowing them to share and spread their ideas.

The DIY mini projects and Final year projects are in the morning session and DE projects were in noon session so that all the students can see each others project, motivate and motivated by the same.

Brief Summery

Technical event Do It Yourself (DIY) was organized for all 2nd sem students on 19/03/19 at ground floor electrical side. Students were supposed to make a mini project for DIY competition in Veyg19. Total 25 groups (4 students in each) have participated. There were 11 groups from IT/EE, 12 groups from CE/EC and 2 groups from Auto/Mech/Civil. Students have made very

good working model. The students had worked hard and participated with great enthusiasm. As from Auto/Mech/Civil only two groups have participated so we had merged them with IT/EE Branch. So eventually there were total two sets of branches EC/EE and IT/EE/ME AUTO/CIVIL. In this way we had two best working models in their sets.

DIY Model Exhibition	CSE/EC	2nd	09:45 am to 12:15 pm	Prof. Krina Shah, Prof. Ravi Ranjan, Prof. Snehal Rajput	EC/EE Department side - Ground FLoor	Winner:-
						180390107051-Siddiki Asfak Nasimbhai
						180390107013-Mevada Ravindra Dilipbhai
						180390107050-Siddhpura Sagar Nareshbhai
						180390111002-Patel Krunal Champakbhai
	IT/EE/ME AUTO/CIVIL	2nd	09:45 am to 12:15 pm	Prof. Shailesh Patel, Prof. Rasik Patel, Prof. Kunalsinh Kathia	EC/EE Department side - Ground FLoor	Winner:-
						180390116042-Apurva Rupesh Sheth
						180390116019-Hinal Vipul Patel
						180390116033-Krina Hasmukhbhai Rajvi
						180390116041-Purvesh Prakash Shapariya

The Judges
Dr. Shailesh Patel
Dr. Rasik Patel
Prof. Kunal Kathiya
Prof. Ravi Ranjan
Prof. Snehal Rajput
Prof. Krina Shah

p

S.P.B. PATEL
ENGINEERING COLLEGE
SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS

Saffrony Institute of Technology

S.P.B Patel Engineering College

Department of Computer Engineering & Information Technology

Report on Code Hunter(First Year)

Technical Event CE-IT Department

VEYG-2019

Code-Hunter

20th March, 2019

"Code Hunter" is the Technical Event of Computer Engineering and Information Technology Department which was based on C Programming, Treasure Hunt and Linux Commands for the First year Students. This event was coordinated by Prof. Manan D. Thakkar, Prof. Akshay R. Kansara and Prof. Yagnesh Patel.

Objective:

The main objective of this event was to make students learn C programming with fun, hence we amalgamated Treasure Hunt with Technical Event. Another important objective of this event was to make students learn C programming, Error solving and how to work with Linux Operating System.

Details of Code Hunter Event:

"Code Hunter" a technical quiz competition where the students would participate as a team of two. The competition consisted of two rounds in which students were given one program with bugs and they have to run that cryptography related program. After successfully execution of that program students will receive one key as an output. This key will be their Treasure. Students have to reach to the Treasurer (Person) quickly and they have to collect one more task related to Linux command. Here in this round, they will have three Linux commands that they have to perform and get the accepted output. First 15 selected teams after first round gets through into second round. Total more than 60 students from 2nd semester participated in this event in a pair of two.

After completion of two rounds, Two teams doing all the task in less time will be declared as winner.

Following are the Participants.

Sr. No.	Enrolment No.	Name of the Present students only (Excluding Winner, Runner up)
1	180390107001	Manav Maheshbhai Barot
2	180390107002	Krunal Dharmendrabhai Chauhan
3	180390107003	Princy Paresh Chauhan
4	180390107004	Bhoomiben Bharatbhai Daxini
5	180390107007	Drashti Bipinbhai Jivani
6	180390107010	Neha Sanjivkumar Lala
7	180390107012	Dhruvi Alpeshbhai Makwana

8	180390107013	Ravindra Dilipbhai Mevada
9	180390107014	Saumyakumar Ajitkumar Mistry
10	180390107015	Presha Jitubhai Nakrani
11	180390107021	Jay Arvindbhai Patel
12	180390107022	Kandarp Sanjaykumar Patel
13	180390107023	Mihir Pravinkumar Patel
14	180390107024	Milan Somabhai Patel
15	180390107025	Mit Naranbhai Patel
16	180390107027	Nirzaree Govindbhai Patel
17	180390107028	Niyati Kamleshkumar Patel
18	180390107031	Prince Kanubhai Patel
19	180390107034	Rushit Prakashbhai Patel
20	180390107038	Harsh Rajeshbhai Pethani
21	180390107039	Aayush Narendrabhai Prajapati
22	180390107045	Sejal Jitendrasinh Rajput
23	180390107048	Shrutiben Nareshkumar Shah
24	180390107051	Asfak Nasimbhai Siddiki
25	180390107055	Yashviben Manubhai Suthar
26	180390107058	Vedant Pradipkumar Thakkar
27	180390107059	Janushee Ashokbhai Thesia
28	180390116002	Lakhesh Khodabhai Desai
29	180390116005	Yash Miteshbhai Gajjar
30	180390116006	Yashvi Bharatbhai Gala
31	180390116007	Majaharbhai Sabirbhai Kalet
32	180390116009	Abhi Yogeshbhai Kavathiya
33	180390116010	Harshil Satishkumar Mishra
34	180390116012	Jigishaben Dasharathbhai Panchal
35	180390116014	Akashkumar Hasmukhbhai Patel
36	180390116017	Dhaval Piyushbhai Patel
37	180390116018	Harsh Narendrabhai Patel
38	180390116019	Hinal Vipul Patel
39	180390116020	Jaykumar Vishnubhai Patel
40	180390116021	Maitri Rajendrakumar Patel
41	180390116022	Meetkumar Shaileshbhai Patel
42	180390116023	Meshwa Jigneshbhai Patel
43	180390116025	Nidhiben Shaileshkumar Patel
44	180390116029	Smitkumar Mukeshbhai Patel
45	180390116031	Shailesh Narayanbhai Prajapati
46	180390116034	Palak Vijaykumar Rathod
47	180390116036	Anand Nitinkumar Raval
48	180390116037	Yash Prafulkumar Raval
49	180390116038	Krishna Harsukhbhai Savaliya
50	180390116039	Arpitbhai Savjibhai Savani
51	180390116040	Shrey Dharmeshbhai Savani
52	180390116041	Purvesh Prakash Shapariya

53	180390116042	Apurva Rupesh Sheth
54	180390116043	Chirag Manishkumar Sompura
55	180390116044	Jayeshji Vishnuji Thakor
56	180390116045	Roshniben Ganeshji Thakor
57	180390116046	Krima Parag Vyas

Following are the Winner and Runners-up Team:

Winner Team:
- Member 1: Akshat Soni
- Member 2: Atharva Pawar

Runner-up Team:
- Member 1: Kirtan Sutariya
- Member 2: Shivang Khatri

Evaluation Team Members:
1. Prof. Manan D. Thakkar
2. Prof. Akshay R. Kansara
3. Prof. Yagnesh Patel

Glimpses of the Event:

Prepared By:

Prof. Manan D. Thakkar

Assistant Professor

 CE-IT Department

S.P.B. Patel College of Engineering

Saffrony Institute of Technology

S.P.B Patel Engineering College

Department of Computer Engineering & Information Technology

Report on "Codethon '19"

Techfest-Day 2(4th Sem.)

CE-IT Department

VEYG-2019

codethon-2019

20th March, 2019

The Intra College level Technical event "Codethon" organized by CE-IT Department in the college premises on 20th March 2019 for 4th Semester Computer/ IT students. The event was led and executed successfully by event coordinators Prof. Snehal Rajput, Prof. Yagnesh Patel and Prof. Tanvi Joshi.

The main objective of this event was to make students more accustomed to codechef platform and code-vita platform, to make them ambidextrous in Problem Solving through coding.

Details of Codethon Event:

"Codethon" a technical programming competition where the students have participated as a team of two. The competition consisted of one round in which students were given fifteen problem statements (combination of Beginner, Easy and Medium levels) and the duration to solve these problems were 3 hours. The students were allowed to solve problems in Cor C++ language. In the event,total 42 students participated in team of two. At the end, two teams who solved maximum problems were declared as winner & Runner-up. Winner team solved 13 Problems and Runner-up team solved 10 Problems.

The Team of Codethon feels proud to organize such a successful event, convey thanks to our HOD, Principal Madam and management for their timely advice.

Following are the Participants.

Sr. No.	Enrolment No.	Name of the Present students only (Excluding Winner, Runner up)
1	170390107012	Parmar Hemil
2	170390107040	Shah Tanay
3	180393107002	Dave Niral
4	170390107050	Sreenath E.M
5	170390107024	Jay Patel
6	170390107019	Dhruv Patel
7	170390107049	Umang Patel
8	170390107037	Harsh Shah
9	180393107005	Sneha Pandey
10	180393107007	Disha Suthar
11	180393107001	Pankti Barot
12	170390107041	Shaikh Mudassar
13	170390107031	Patel Rutu
14	170390107029	Paurav Patel
15	170390107038	saumya Shah
16	170390107043	Hridik Thummar
17	170390107004	Nihar Dhimmar

18	170390107014	Adil Patel
19	170390107027	Kurvin Patel
20	160390107030	Divyesh Rathva
21	170390107021	Patel Dixit
22	170390107039	Shreyas Shah
23	170390107046	Vora Sadab
24	170390107002	Bhavsar Rajvi
25	170390107007	Jethloja Shivangi
26	170390107018	Patel Devansh
27	170390107013	Parmar Vaibhav
28	170390107026	Patel Jaydeep
29	170390107010	Nayak Utsav
30	170390116030	Mansi Pomal
31	170390116033	Riya Prajapati
32	170390116007	Aarti Chauhan
33	170390116036	Dharti Raval
34	170390116040	Shah Rutvik
35	170390116004	Dhiraj Beri
36	170390116049	Pavan Khatri
37	170390116009	Alpeshkumar Makwana
38	170390116019	Jaykumar S Patel
39	170390116025	Sahil Patel
40	170390116027	Smit Patel
41	150390116002	Jayveer Sinh
42	170390116043	Soni Yash

Following are the Winner and Runners-up Team:

Winner Team:
- Member 1: Vyas Naman
- Member 2: Vadher Hiren

Runner-up Team:
- Member 1: Gupta Sankalp Nitin
- Member 2: Prajapati Kundankumar Jagadishkumar

Evaluation Team Members:
4. Prof. Snehal R. Rajput
5. Prof. Yagnesh R. Patel
6. Prof. Tanvi A. Joshi

Glimpses of the Event:

Prepared By:

Prof. Snehal R. Rajput

Prof. Yagnesh R. Patel

Assistant Professor

CE-IT Department

S.P.B. Patel College of Engineering

S.P.B. PATEL ENGINEERING COLLEGE
SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS

Saffrony Institute of Technology

S.P.B Patel Engineering College

Department of Computer Engineering & Information Technology

Report on Web-O-Mania(6th Sem.)

Technical Event CE-IT Department

Veyg 2019

Web-O-Mania

20th March, 2019

Web-O-Mania is the technical event of Computer Engineering and Information Technology Department which is based on web technology subject. This event was coordinated by Prof. Akshay R. Kansara, Prof. Manan D. Thakkar and Prof. Parimal Patel.

The main objective behind this event is to understand the different technology/languages used in web technology and how to use the same technology. The same event is purely based on programming which is also judged the participant logical skill as well as programming skill.

In the same event we have planned one technical round. In the same round participants have to develop a web application which was given by the coordinators of this event and also they have to work in a team of two members..

Around 12 students of 6th sem CE/IT from our college had participated in this event

After completion of single round, Two teams doing all the task in less time will be declared as winner.

Following are the Participants.

Team ID	Student Name (Member 1)	Enrollment No. (Member 1)	Student Name (Member 2)	Enrollment No. (Member 2)
1	Dhruv Rawal	160390116022	Bharat Padhiyar	160490116012
2	Kunjan Tanna	170393107005	Harmisha vaghani	160390107035
3	Oza hemil hasmukhbhai	160390116011	-	-
4	-	-	Apurv Patel	160390107015
5	Arihant Shah	160390107031	Devasya Desai	160390107007
6	Jigna Patel	160390107022	Bansi Chovatiya	160390107005
7	Sunasara Mosin	160390107033	Chauhan Dhaval	160390116004

Following are the Winner and Runner-up Team:

Winner Team:
Member 1: Dhruv Rawal (160390116022)
Member 2: Bharat Padhiyar (160490116012)

Runner-up team:
Member 1: Kunjan Tanna (170393107005)
Member 2: Harmisha vaghani (160390107035)

Evaluation Team Members:

1.   Prof. Akshay R. Kansara
2.   Prof. Manan D. Thakkar
3.   Prof. Parimal A. Patel

Glimpses of the Event:

Prepared By:

Prof. Parimal A. Patel

Assistant Professor

 CE-IT Department

S.P.B.Patel College of Engineering

A Report On

Technical Events

during
Technical Festival – VEYG2k19

1) CIRCUIT SIMULATION

As a part of VEYG – 2019, we have organized "CIRCUIT SIMULATION " event. This event was coordinated by Prof. Yogesh N Kakadiya (EC Department) and Prof. Dipal Patel (EC Department).

Prof. Kanu Patel delivered session on NI Multisim software from 10:00 am to 11:00 am. The Students had a hand-on practice with NI Multisim software from 11:00 am to 12:00 pm. Around 9 students participated from EC and EE department. The competition for circuit simulation was conducted from 1:00 pm to 2:00 pm. Out of 4 teams, 2 teams were selected for winner and runner-up.

Winners:

Sr. No.	Name of Technical Event	Name of winners & Runner up
1	Circuit Simulation	**Name of winners** 1. Krunal Champaklal Patel 2. Harshil Amrutlal Mevada
		Name of Runner up 1. Dhyan Anantkumar Prajapati 2.Dharamkumar Jagdishbhai Vora

Saffrony Institute of Technology
S.P.B Patel Engineering College
Linch-Mehsana-384435

VEYG 2019

Report on 'Refrigeration Quizophile 2019'

Date: February 14th 2018
Duration: 10:30 am to 4:00 pm
Venue: S.P.B. Patel Engineering College, Mehsana
No. of Participants: 10

Introduction and Objective:

Refrigeration Quizophile a technical event was organized under **Mechanical- Automobile Department** by the faculty coordinator **Prof. Sagar H Patel** and **Prof Tausif M Shaikh** and student coordinator **Mahipat Jadeja (**6th Mechanical) and **Ajay dantani** (6th Mechanical).

The event started at sharp 10:00AM in CAD Lab of Mechanical Department. The Round -1 was quiz among the students to solve the Multi choice Questions on EDMODO Online platform using Theoretical and practical knowledge in allotted time of 30 minutes.

Then second session conducted by Prof.Tausif Shaikh on "Basics of HVAC System".The session was about the HVAC & Refrigeration. HVAC & Refrigeration is no longer remained a luxurious commodity for the people of modern India. Therefore, it is becoming one of the key building blocks in modern infrastructure. Beside this the HVAC & Refrigeration mainly uses vapour compression refrigeration (VCR) as technology having a working fluid called refrigerant. Due to harmful effect of the refrigerants on ozone layer and global climate change the present industry is undergoing revolutionary changes to mitigate environmental issues. Under the circumstance vapour absorption cooling systems are really popular in variety of industries as well as commercial buildings for process-cooling and air-conditioning. It will also highlight challenges and opportunities in HVAC & Refrigeration industry for the present and future.

At last third session conducted by Prof.Tausif Shaikh, Prof.Sagar Patel & Prof.Kamlesh Samadhiya. The Round-2 was about identification of Parts in Refrigeration Lab, Participants had identified parts of different components as per marking was done.

Altogether **10** students of 6th Mechanical and Automobile Engineering Department participated in the event. Within the given time slots total two rounds were smoothly conducted to decide the winner and the runner up of the event.

Prepared By:

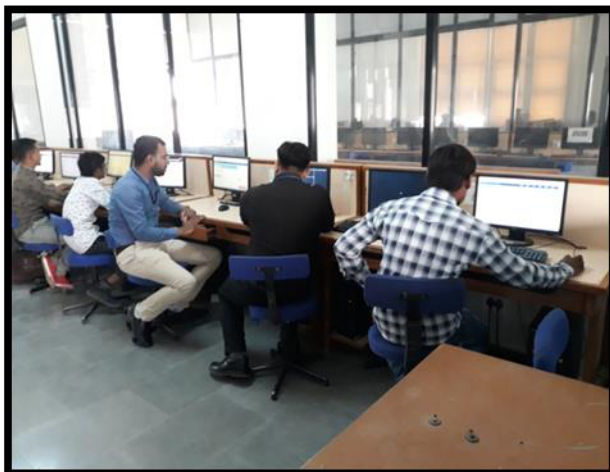**Prof. Sagar H Patel & Prof.Tausif Shaikh**

Mechanical Department

Refrigeration Quizophile – VEYG 2019

Saffrony Institute of Technology

Linch, Mehsana

VEYG 2019- Refrigeration Quizophile AT A GLANCE

TECHNICAL FESTIVAL – VEYG 2K19

A Report
on
2nd Year – Design Thinking Exhibition

Date: March 19th, 2019

Duration: 01:00 PM to 04:00 PM

Venue: S.P.B. Patel Engineering College, Mehsana.

No. of Participants: 38 groups from various branches of 2nd year engineering of S.P.B Patel Engineering College.

Introduction of the theme:
The 4th semester aka 2nd year engineering students have a subject in their curriculum named Design Thinking or also called Design Engineering. **Their theme this year is Reverse Engineering of products or processes in their own domain.**

So students of all the 7 branches have chosen topics in their domain, observed their users and stakeholders, conducted the Empathy interview, the Idea generation activity, designed their prototypes and finally on 19th Mach, 2019 showcased their unique solutions of complex problems of the human society in the form of an exhibition during the technical festival.

Objective:
The main objective of hosting an exhibition was giving a platform to these brilliant young minds and allowing them to share and spread their ideas.

On the other hand the junior and senior students were requested to visit these exhibits, try and learn from the projects as well as give their valuable technical feedback to broaden the vision of our participants giving their idea and product - new & better options, features & functions if available.

Participant teams along with their Project details:

Computer Engineering Department

Sr. No.	Team Members' Names	Enrollment No.	Project Domain	Project Title
1	Sankalp Gupta	170390107005	canteen	E- canteen management
	Tanmyak kansara	170390107009		
	Krishna Pal	170390107011		
	Harshil patel	170390107022		
	Divyesh rathwa	160390107030		
2	Parmar Hemil	170390107012	Learning App	E - Learning App
	Shah Tanay	170390107040		
	Trivedi Harpul	170390107044		
4	Manthan D Bhandari	170390107001	Cabs service	Urban Cabs
	Nihar R Dhimmar	170390107004		
	Hridik D Thummar	170390107043		
	Jeet Vyas	180393107008		
5	Patel Divyakumar Dipakbhai	170390107020	Medical Application	Diagnoz X
	Vora Sadab Noorahemad	170390107046		
	Shaikh Mudassar Abdulsattar	170390107041		
	Patel Rutukumar Ashvinkumar	170390107031		
	SREENATH.E.M	170390107050		
6	Patel Jaydeep	170390107026	School	School Application
	Nayak Utsav	170390107010		
	Patel Adil	170390107014		
	Patel Kurvin	170390107027		
7	patel Dixit	170390107021	Cafe	High-Tech Cafe
	patel Devansh	170390107018		
	parmar vaibhav	170390107013		
	patel Dhruv	170390107019		
	Rakshit mehta	180393107003		
8	Vadher Hiren	170390107045	Medical	Ambulance services
	Vyas Naman	170390107047		
	Shah Saumya	170390107038		
	Patel Paurav	170390107029		
	Dave Niral	180393107002		
9	thakkar sanjana	170390107042	traffic signal	traffic signal application
	rajvi bhavsar	170390107002		
	shivangi jethloja	170390107007		

	tanvi pathak	170390107033		
10	Patel Astha	170390107015	Smart parking system	Smart parking system
	Patel Avani	170390107016		
	Raval Jinal	170390107036		
	Patel Hetavi	170390107023		
	Suthar Disha	180393107007		
11	patel jay	170390107024	medical	medical service
	patel umang	170390107049		
	pankti barot	180393107001		
	oza jay	180393107007		
	shaishav patel	180393107006		
12	Harsh Shah	170390107037	Hospital	E Health Care
	Mantra Patel	170390107028		
	Kundan Prajapati	170390107034		
	Shreyas Shah	170390107039		
	Sneha Pandey	180393107005		

IT Department

Sr. No.	Team Members' Names	Enrollment No.	Project Domain	Project Title
1	Jatin N. Soni	170390116042	Hostel & P.G. Management system	Search My PG
	Ayush V. Yadav	170390116048		
	Meet M. soni	170390116051		
	Rutvik B. Shah	170390116040		
2	Alpeshkumar G. Makwana	170390116009	online movie ticket booking system	Book Movie ticket
	Axit Akbari	170390116001		
	Jay S. Patel	170390116019		
	Jay D.patel	170390116018		
3	Harshul Peshwa	170390116029	Online coupens transaction	PaySIT
	Jenish Darji	170390116008		
	Tirth Barot	170390116003		
	Manav Patel	170390116020		
4	Axita Panchal	170390116011	Online cab booking system	Supporting U Cab
	Mamta Salvi	170390116037		
	Mihir Patel	170390116022		
	Vaidehi Vyas	170390116047		
	Yash Soni	170390116043		
5	Brijen patel	170390116014	google map	indimap

	Nency Patel	170390116023		
	Meshwa Patel	170390116021		
	Raj Nayak	170390116010		
6	Rajan B Prajapati	170390116032	College	Midsem result on website
	Ravi H Sitapara	170390119041		
	Sahil Patel	170390116025		
	Sopan Bhatt	170390116006		
	Jenish Vaghela	170390116046		
7	smit patel	170390116027	photo shop	editing and save memory
	shanket patel	170390116026		
	shohan rathod	170390116035		
	parth Vagasiya	170390116045		
8	Dhiraj Beri	170390116004	Learning Site	KnowHub- Success begins here.
	Kuldip Suyani	160390116025		
	Pavan Khatri	170390116049		
9	Dharti Raval	170390116036	Game development	Snake & Snack
	Aarti Chauhan	170390116007		
	Mansi Patel	180393116001		
	Mansi Pomal	170390116030		
	Riya Prajapati	170390116033		

Mechanical Department

Sr. No.	Team Members' Names	Enrollment No.	Project Domain	Project Title
1	Nikul dabhi	170394119002	car	regenerative brakes
	Sodha vanraj	170394119001		
	sahil suthar	170390119033		
	Siddharth rami	170390119032		
2	Patel Sahil kinjalbhai	170390119030	Lathe Machine	Modify lathe machine with enhanced features
	Goswami Rajgiri Vishnugiri	170390119009		
	Chaudhary Vishvas Jethabhai	170390119002		
	Patel Nisharg	170390119026		
	Modi Mit Krushnavadan	170390119019		
3	Raj Patel	170390119028	workshop	drill machine
	Rutvij Jani	170390119013		
	Divyesh Patel	170390119023		
	Mitesh Patel	170390119025		

	Deep Patel	170390119022		
4	Rahul Gajera	170390119006	workshop	Hydraulic bench top press
	Ritik Godhani	170390119008		
	Hardik Patel	170390119039		
	Durgesh Gupta	170390119011		
	Pragnesh prajapati	180393119007		
5	Mahek Garva	170390119007	water pump	manual gear pump
	Anil Gupta	170390119010		
	Hasmukh Chodhary	170390119003		
	Parth Thakkar	180393119011		
6	Abhijeet Mukherjee	170390119020	Workshop	Manual Painting Machine
	Kishan Panchal	170390119021		
	Mahesh Prajapati	170390119031		
	Roshansingh Yadav	170390119036		
	Ajay Prajapati	180393119006		
7	Sudipta Hajra	170390119012	workshop	Multi-purpose Machine
	Aftab Malek	180393119003		
	Nirav Sathwara	180393119008		
	Ankit Sathwara	180393119007		
	Aniket Mehta	180393119004		
8	Prem Kitavat	170390119016	RefriOven	Portable RefriOven on Solar energy
	Prajesh Patel	170390119027		
	Dhruv Vyas	170390119034		
	Dhruvil Vyas	170390119035		
	Ritik Khatri	180393119002		
9	Dhruv dave	160390119002	Electrical appliances	Multi-Purpose Fan
	Faisal pathan	160390119008		
	Yash Paliwal	180393119005		
	Rahul Attri	180393119001		
	Prawin Sharma	170390119040		

Automobile Department

Sr. No.	Team Members' Names	Enrollment No.	Project Domain	Project Title
1	Heppi A. Patel	170390102005	Vehicle development	Safety & comfort
	Shalin Vacchheta	170390102009		
	Chirag Chauhan	170390102001		
	Hitesh Patel	170390102006		
	Vishal Rawal	180393102002		
2	Angel Kushwaha	170390102003	Hydraulic Jack	Time reducer and eficiency enhancer
	Nikul Patel	170390102007		
	Dharmik Siroya	170390102008		
	Atul Gupta	180393102001		

EC Department

Sr. No.	Team Members' Names	Enrollment No.	Project Domain	Project Title
1	Akash Malaviya	170390111006	Alcohol detector by using ardiuno	
	Mit Prajapati	170390111010		
	Kaushal Patel	180393111001		
	Muzammil Kureshi	170390111016		
2	Rutvik patel	170390111007	power bank	HV - Suppplier
	Divyanshu rawat	170390111017		
	Mudra darji	170390111001		
	Foram soni	170390111011		
	Riddhi panchal	170390111014		
3	smit J patel	170390111009	INTUITIVE MOP	INTUITIVE MOP
	mayank mewara	170390111013		
	harsh bhut	170390111012		

Civil Department

Sr. No.	Team Members' Names	Enrollment No.	Project Domain	Project Title
1	Kaushal Parmar	170390106007	Staff	Surveying staff
	Hiren Patel	170390106011		
	Bhargav Dedakia	170390106006		
	Dilip Chaudhry	170390106005		
2	Hemaxi Arthania	170390106001	Curing	Water curing
	Aishwarya Makwana	180393106002		
	Sharmishtha Makwana	180393106003		
3	Dushyant Rajput	170390106016	Traffic Management And Pedestrian Bridge	Cross Junction Barrier
	Dhavnil Thakkar	170390106019		
	Vivek Kalariya	170394106001		
	Jeet Patel	170390106013		
	Jigar Rabari	170390106015		

The list of winners from every branch:

SR. No.	Department	Name of Judges	Winners and Runner-up
1	CSE	Prof. Manan Thakkar, Prof. Akshay Kansara, Prof. Tejas Patel, Prof. Tanvi Joshi	**Winner:-** Sankalp Gupta Tanmay Kansara Krishna Pal Harshil Patel Divyesh Rathwa
			Runner Up:- Hiren Vadher Naman Vyas Saumya Shah Paurav Patel
2	IT	Prof. Manan Thakkar, Prof. Akshay Kansara, Prof. Tejas Patel, Prof. Tanvi Joshi	**Winner:** Rajan Patel Ravi Sitapara Sahil Patel Sopan Bhatt Jenish Vaghela
			Runner Up:- Jatin Soni Ayush Yadav Mit Soni Rutvik Shah
3	Mech	Prof. Sagar Patel, Prof. Sandip Chaudhary, Prof. Ranjit Jadeja, Prof. Tausif Shaikh	**Winner:** Ritik Godhani Hardik Patel Durgesh Gupta Pragnesh Prajapati
			Runner Up:- Patel Raj Rutvij Jani Divyesh Patel Mitesh Patel
4	Auto	Prof. Sagar Patel, Prof. Sandip Chaudhary, Prof. Ranjit Jadeja, Prof. Tausif Shaikh	**Winner:-** Shalin Vacchheta Chirag Chauhan Vishal Rawal

5	EC	Prof. Dipal Patel	**Winner:-** Darji Mudra Harshadbhai Soni Foram Jagdishkumar Panchal Riddhi Rakeshbhai Rawat Divyanshu Nareshbhai
			Runner Up:- Patel Smit Jitubhai Bhut Harsh Dineshbhai Mewara Mayank Rakeshbhai Korat Abhishek Rameshbhai
6	Civil	Prof. Ajay Gupta Prof. Arpan Patel	**Winner:-** Thakkar Dhavnil Rajput Dushyant Patel Jeet Rabari Jigar
			Runner Up:- Hemaxi Arthania Aishwarya Makwana Sharmistha Makwana

The exhibition at a glance:

Prepared By:

Prof. Avani Dedhia
Institute Level Coordinator,
Design Thinking Exhibition – 2nd year Engineering Students– VEYG 2019,
S.P.B. Patel Engineering College,
Saffrony Institute of Technology,
Linch, Mehsana.

VEYG TECHFEST 2018

Saffrony Institute of Technology
S. P. B. Patel Engineering College, Linch

Technical Festival – VEYG 2k18

A Report

Technical Events

Technical Festivals show a certain degree of fluctuations in the excitement level of the students. As the festive season slowly marches closer and closer with time, every student tastes the sweet scent of hard work; hard work of not only the students organizing it but the ones killing themselves with incessant practices to win that victory title. The best events are those where people learn something new or explore something that they had never known or done before. Activities play the vital role in overall development of students and help them gain confidence, build good physique as well as boost the mental strength.

In VEYG 2k18, total 11 technical events were designed for all the students at different locations. More than 800 + students participated in different technical events. We received excellent feedback from the students. They have learned as well as enjoyed a lot. Experienced faculty coordinator and enthusiastic student coordinators made all the events very successful. Event wise participation detail is given in the table below.

Sr. No.	Name of Technical Event	Faculty Coordinator	Concerned Department	Location	No. of Participants
1	CAD-istic	Prof. Manavendra Chatterjee & Prof. Bhupendra Bhatt	Mech - Auto	CAD Lab 217 B	64
2	Mr. Mechanix	Prof. Sagar H Patel	Mech - Auto	Room No: 324, 241-B	80
3	Auto-Showdown	Prof. Bhavin Shah	Mech - Auto	241-B	80
4	Codeathon	Prof. Manan	CS-IT	344 B &	100

		Thakkar		C	
5	Web-o-Mania	Prof. Parimal Patel	CS-IT	344 B & C	70
6	Techno Treasure Bites	Prof. Komal Patel	CS-IT	344 B & C	85
7	Clean India	Prof. Gautam Dadhich	Civil	139 A	13 Groups
8	Transtadia	Prof. Kanu Patel	Civil	Room no: 235	52
9	Civil Explora	Prof. Rajat Mishra	Civil	134	60
10	E-Smart	Prof. Dipal Patel	EE-EC	203	20
11	Electromania	Prof. Yogesh Kakadiya	EE-EC	216	5 Groups

1) CAD-istic

CAD-ISTIC, a technical event was organized under Mechanical- Automobile Department by the faculty coordinators Prof. Manavendra Chatterjee and Prof Bhupendra Bhatt and student coordinators Abhinash Yadav (6th Mechanical) and Manish Kumar Raval (6th Automobile).

The competition was about creating 2D as well as a 3D model using Creo Parametric-0.2 and AUTO CAD software in the allotted time of 20 minutes from orthographic and isometric views respectively.

In total 64 students of various colleges participated in the event. Within the given time slots total four rounds were smoothly conducted to decide the winner and the runner-up of the event.

2) Mr. Mechanix

S.P.B. Patel college of Engineering Mehsana cares to showcase the conceptual knowledge of Mechanical Engineering students in Mr. Mechanics Event. Every year as a part of Tech-Fest this competition is organized. Mr. Mechanix is not just an event but a platform and opportunity for the students to showcase their subject knowledge, understanding and its practical application.

The competition is comprised of 3 Technical Rounds. In the first-round students have to appear in Multiple Choice Question Exam. Out of 80 students, only 16 students could clear the first round. In the second round, they showed their practical skills like identifying various instruments and tools used in Mechanical Engineering. The objective of 2nd round was to make them aware of the importance of the practical aspect of engineering world. The last and the third round was designed to test their public speaking skills. In the last Group Discussion round only 6 students were able to secure their place. The topic given for Group Discussion Round was "Increasing no. of Engineering Colleges is a boon to the society".

3) Auto-Showdown

S.P.B. Patel college of Engineering, Mehsana organized Auto Showdown event to explore knowledge of Automobile and Mechanical engineering students. This event was organized for 2 days. In this event quiz, the team-wise debate on different car models, logo design, and treasure hunt activities were organized.

There were 68 students appeared in the quiz and 44 students were eliminated in quiz test. The remaining 24 students were divided in a team of three. Between these teams, the debate was conducted and 4 teams were eliminated out of 8 teams. The selected 4 teams were called on the next day. On 15th February 2018 technical treasure hunt and logo design competition was organized. Participant had enjoyed it and learned lots of technical things through this competition.

4) Codeathon

As a part of Technical events of CE/IT department under CIPHER tag, in VEYG – 2018, we organized "CODEATHON" event. This event was coordinated by Prof. Manan Thakkar (CE-IT Department) and Mr. Dhruv Joshi (6th IT Student). This event was related to C programming where students have to write code for problem statement, solve the error in code and identify algorithm from the image.

Around 100 students of various colleges participated in this competition. In the 1st round, there was an online quiz related to programming. Out of 100 students, 22 students were selected for the 2nd round based on their performance and score in the 1st round. Out of 11 teams total 6 teams were through the 2nd round and entered into the 3rd and final round. In the 3rd round, participants were asked to identify images. From the image, they were supposed to conclude which algorithm to implement. After identifying algorithm and logic behind that, they have to implement that logic in the form of a program.

5) Web-o-Mania

Web-O-Mania is the technical event of Computer Engineering and Information Technology Department which is based on web technology subject. This event was coordinated by Prof. Parimal Patel. The main objective of this event was to understand the different technology used in web technology and how to use it.

The competition was divided into three rounds. 1st Round was based on MCQ which was an online test. In the 2nd and the 3rd round, participants were asked to make a website which was given by the team of this event. Around 70 students from our college, as well as other colleges, had participated in this event for round 1. From that 15 students qualified for the 2nd and 3rd round. After completion of the 3rd Round, we finally arrived at conclusion by selecting the winner of Web-O-Mania.

6) Techno Treasure Bits competition

The Techno Treasure Bits was a technical event organized by Computer Engineering and Information Technology Department which was based on different technologies. It was designed to test the analytical, logical and problem-solving skills of students and motivate them to improve it. The event aimed at analyzing the student technical as well

as soft skills with fun and unique way. This event was coordinated by Prof. Komal Patel along with student coordinator Mr. Rajat Patel (6th CE).

7) Clean India

In this competition, students were challenged to design and build a water filtration device using commonly available materials by following the same design process used by the engineers who developed the water filtration system. This challenge was followed by quiz competition on "Swachhta Abhiyan". During quiz competition, students get exposure to the various processes of water purification plants.

To meet this challenge, students build, tested and measured the performance of the filtration device, analyzed the data collected, and use this information to work toward an improved filtration design. Turbid (dirty) water was provided to students for filtration. Students measured the effectiveness of their filtration device using turbidity tester. Student group assessed amount of turbidity removal form filtered water.

8) Transtadia

Transtadia competition was designed to evolve student planning and drafting skill of any given functional spaces. The team had exercised to plan a different sports ground with required size of the field. Participants were briefly explained about the task and they were allowed to use their cell phone for the internet access during the event.

Students were provided with some basic drawing tools like pencils, eraser, drawing sheets, rounder, and scale etc.
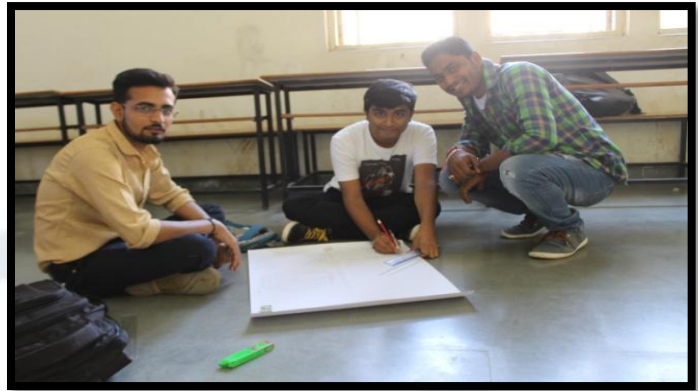

9) Civil Explora

Civil Explora was again a quiz competition divided into 3 rounds. The event was designed to test the memory, logic, imagination and decision making skills of the participants.

In the 1st round, the participant from one team would enter a room where civil instruments were kept. The participant was required to take a round of the whole room and observe civil instruments in two minutes. Then in the given time of five minutes, participant had to write all the instruments observed. In the 1st round, there were 60 participants divided into 20 teams. Out of 20, 10 teams qualified for the 2nd round. In this round, the participants were required to make a model of building construction with ice cream sticks, fevicol and cardboard like a staircase, pile foundation etc. In the 3rd round, out of 10 teams, 6 teams were selected and a quiz set like KBC which was related to civil branch only.

10) E-Smart

E-smart event is the platform for all Electrical and Electronics Engineers to showcase their smartness in the engineering field. There were three rounds of the E-Smart Event. The first round was technical crossword. The students in a team were given 2 hours time limit to solve a crossword puzzle. The second round was a technical quiz. The students were given 20 MCQ questions to solve within the time limit of 1 hour. Based on first and second round performance, top 4 teams were selected for the 3rd round. The 3rd round was a PPT presentation on recent trends in Electrical Engineering. The students were given topics such as Electrical Vehicle, Solar Energy, Wireless Energy Transfer and Smart Grid.
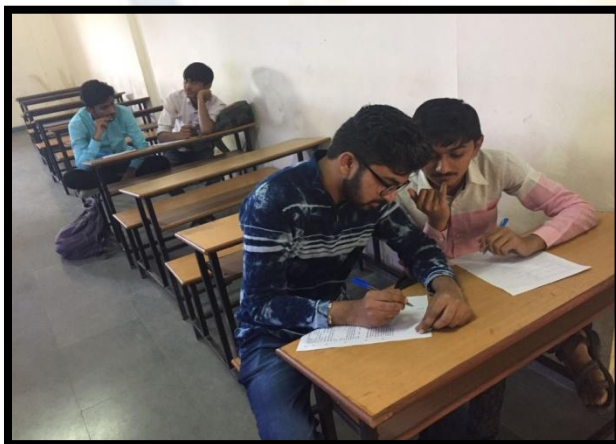
11) Electromania

ELECTROMANIA, a technical competition was coordinated by Prof. Yogesh N Kakadiya (EC Department) and Mr. Virendra Soni (8th EE Student). In total 5 teams participated. There were two rounds having elimination in both. In the first round, participants identified electronics component. Out of 5 teams, 3 teams were selected for the 2nd round based on their performance and score in the 1st round. In the second round, they made circuit according to the circuit diagram. Out of 3 teams, 2 teams were announced winner and runner-up respectively.

Winners of Technical Events

Sr. No.	Name of Technical Event	Name of winners
1	CAD-istic	1. Nikunj Kalal
		2. Rajvisinh Parmar
2	Mr. Mechanix	1. Jadeja Mahipatsinh B
		2. Kalal Nikunj Mukeshkumar
3	Auto-Showdown	1. Modh Dhruvil, Dave Arani, Patel Soham
		2. Prajapati Jigar, Rahul Gajera, Shalin Vachheta
4	Codeathon	1. Sachin Sharma, Jayaditya Parlia
		2. Vyas Naman, Vadher Hiren
5	Web-o-Mania	1. Nieel Khamar

		2. Vaghela Mehulsingh
6	Techno Treasure Bites	1. Mansi Pomal
		2. Sadab Vora
7	Clean India	1. Panchal Kishan, Patel Deep Vipulbhai Rabaari Jigar B.
		2. Patel Bhavesh, Patel Parth, Pawar Wilson R.
8	Transtadia	1. Raj Ashvinbhai Savani
		2. Parth Patel, Santosh Patel
9	Civil Explora	1. Badgujar Yogesh , Patel Dixit
		2. Rajput Dushyant, Arthania Hemaxi, Thakkar Dhavnil
10	E-Smart	1. Jaykumar Patel, Sanjiv Parmar
		2. Pratik Sharma, Alpesh Thakor
11	Electromania	1. Rajat Modi, Mayur Makwana, Alpesh Kumar Thakor
		2. Vivek Anup Gupta, Arzooben A Soni, Pratik Sharma

Prepared By:

Prof. Kanu Patel & Prof. Viren Patel
Coordinators,
Technical Event Coordinators
VEYG2k18

VEYG 2018

'Project and Model Competition 2018'

Date: February 14th and 15th 2018
Duration: 10:30 am to 3 pm
Venue: S.P.B. Patel Engineering College, Mehsana
No. of Participants: 100 groups from various branches of Engineering of S.P.B Patel Engineering College.

Introduction and Objective:

S.P.B. Patel college of Engineering Mehsana provides a unique platform to the final year students of various Engineering disciplines to showcase their quality work and technical skills in the form of Project and Model Competition for final and first-year students respectively. The Institute organized this event during annual Technical fest of college VEYG 2018 on February 14th and 15th 2018. Prof. Chitralekha Nahar, Principal of Saffrony Degree Engineering College and Dr. M.A Patel, Principal of Saffrony Diploma Engineering remained present for motivating the students and shared their views on the idea of innovation and its importance in students' life. Total 100 groups of First and Final year students of UG and Diploma participated in Project and Model Competition-2018.

For each and every UG and Diploma Departments, an experienced expert from industries/Academic field was invited to judge the projects and models of students and to motivate them. Head of Departments of all the branches judged the competition along with the external judges. Department level Coordinators contributed their best to the make this event a success. Details of internal and external experts along with Departmental coordinators are mentioned below.

Name of External Judges:
Mr. Mukesh Mahajan, Dr. Jashavant Patel, Dr. D.M. Patel,
Mr. Harshal Trivedi, Prof. Samirsinh Parmar, Dr. D.M.Patel,
Dr. Shyam Chawda, Mr. Sameer Shah, Mr.Dipan Shah

Designation and Institute details: Mr. Mukesh Mahajan- Assistant Vice President- Ferromatik Milacron Pvt. Ltd, Dr. Jashavant Patel- Former Vice President and Head- ABB India, Dr. D.M. Patel – Principal- LCIT Bhandu, Mr. Harshal Trivedi – Director- Skywave, Prof. Samirsinh Parmar- Assistant Professor- DDIT Nadiad, Dr. D.M. Patel- Principal- SPCE Visnagar, Dr. Shyam Chawda – Owner - Shyam Sir An IT Education Centre, Mr. Sameer Shah- Proprietor-Marc Design, Mr. Dipan Shah – Director- CPP and Construction, Pacifica Companies.

Project Competition and Model Competition Event Details:

Table 1. List of Internal Judges and Departmental Coordinators

Sr. No.	INTERNAL JUDGES	DESIGNATION	DEPARTMENTAL COORDINATOR	BRANCH
1	Prof. Chitralekha Nahar	Principal and Head of the Department, Degree College	Prof. Mitesh Patel Prof. Haresh Patel	Mechanical Engineering

2	Prof. Kamlesh Samadhiya	Section Head	Prof. Vitesh Desai	Automobile Engineering
3	Prof. Akshay Kansara	HOD	Prof. Hiral Parmar Prof. Tejas Patel	Computer Science & Information Technology Engineering
5	Prof. Malay Bhatt	HOD	Prof. Manish K Patel	Electrical Engineering
6	Prof. Rajat Mishra	HOD	Prof. Arpan Patel	Civil Engineering
7.	Prof. Ramprakash Inani	HOD	Prof. Parth Panchal	Diploma-Mechanical Engineering
8.	Prof. Amrut Modi	HOD	Prof. Gaurav Rade	Diploma-Civil Engineering

Table 2. List of External Judges for UG and Diploma Final Year Projects

SR. NO.	DEPARTMENT	EXTERNAL JUDGE	UG/DIPLOMA
1	Civil	Prof. Samir Sinh Parmar	UG and Diploma
2	CS & IT	Mr. Harshal Trivedi	UG
3	Mechanical and Automobile	Mr. Mukesh Mahajan and Dr. D.M.Patel	UG and Diploma
4	EE & EC	Dr. Jashavant Patel	UG

Table 3. List of External Judges for UG First Year Models

SR. NO.	DEPARTMENT	EXTERNAL JUDGE	UG/DIPLOMA
1	Civil	Mr. Sameer Shah and Mr. Dipen Shah	UG
2	CS & IT	Dr. Shyam Chawda	UG
3	Mechanical and Automobile	Dr. D.M.Patel	UG

For the Project Competition of final year students, all the groups of all the branches including UG and Diploma were instructed to complete the poster along with project on or before 09th February 2018 so that planning for poster and final product display can be initiated.

On 14th February 2018, at 10:30 am each department started the presentation. In each department, External judge and internal judge together observed the

projects, judged them and gave suggestions to correct the errors if any. Finally, they decided best top 2 projects from all the branches. Posters of all the projects were displayed in the lobby of college campus and separate floor of each wing was allotted for specific branches for smooth functioning.

At the end, **Prof. Chitralekha Nahar**, Principal of S.P.B Patel Engineering College delivered a speech reiterating the aim of this event. All the judges gave some valuable suggestion to the students about their projects. They directly interacted with students and faculties of the individual department as well and advised how they should become serious about their projects. At last two best projects and Models from each department and Major subjects were awarded respectively.

Table 4. List of Top Two Projects from Each Department (Degree)

Electrical Department			
Sr. No.	Enrolment No.	Name of Student	Project Title
1	140390109006	Keshav Angad Prasad	Monitoring the testing parameter of single phase residential energy meter using LAB-view
	140390109013	Jaiminkumar Rajubhai Patel	
	140390109014	Kuldipkumar Bharatbhai Patel	
	140390109015	Mayurkumar Manubhai Patel	
2	140390109007	Khushboo Hiralal Maheshwari	Microcontroller based floor cleaner
	140390109010	Amitkumar Kanaiyalal Patel	
Mechanical Department			
1	140390119127	Mishra Vikram Sanjay	Education Enhance Program
	140390119107	Sarma Rahul Jatin	
	140390119126	Vekariya Denish Mansukhbhai	
	140390119110	Hingu Ravi Milankumar	
2	140390119029	Panchal Dhruvil Sanjaybhai	Universal Jigs and Fixtures
	140390119012	Joshi Kalpesh Devshibhai	
Computer Science and Information Technology Department			
1	140390107013	Soni Hima Kamlesh	Automatic Medicine Dispenser Using Life Card
	140390107040	Mishra Sonal Sanjay	
	140390116007	Patel Arati Sumitbhai	

2	140390116001	Avaiya Pankti Bharatbhai	Spotlight (Khoj of Extraordinary Talent)
	140390116002	Suthar Avinash Kishanlal	
	140390116005	Nikita Sultane Ravindra	

Civil Department

1	130390106011	Modh Harsh	Construction of all Weather Village Road
	130390106015	Patel Rignesh	
	130390106050	Patel Shankar	
2	140393106006	Suthar Hiral	Net Zero Energy Building
	140393106003	Vanik Smit	
	130390106054	Vesatiya Ritu	

Automobile Department

1	140390102067	Shek Rocky Monir Bhai	EXO Suit
	140390102008	Savalia Dhyey Prashant	
	130390102037	Patel Milan Jitendrabhai	
	140390102019	Modha Mohit Hiten	
	130390102013	Kuldeep Makadia	
	130390102014	Anandraj Maurya	

List of Winners of Model Competition – Subject Wise (First Year Students)

1	Mech-Auto-Civil Section	Roshan Yadav	Elements of Electrical Engineering and Basic Electronics
		Vishwas Chaudhary	
		Nikul Patel	
		Abhijeet Mukherjee	
		Rajgiri Goswami	
2	IT-EC Section	Shah Saumya	Engineering Graphics- Elements of Mechanical Engineering
		Vyas Naman	
		Vadher Hiren	
		Harpul Trivedi	
3	Civil Section	Patel Nehang	Elements of Civil Engineering and Environment
		Panchal Kishan	
		Suthar Shalin	
		Rabari Jigar	
		Deep Patel	
4	CS- IT-EC	Pathak Tanvi J	
		Thakkar Sanjana M	

	Section	Pal Krishna R	Computer Processing and Utilization
		Patel Harshil M	
		Patel Meshwa G	
		Shah Grishma R	
		Shah Rutvik B	
		Nayak Raj V	
		Darji Mudra H	

List of Winners of Project Competition (Diploma)				
GROUP NO	BRANCH	NAME OF STUDENT	TITLE OF PROJECT	RANK
1	Diploma Mechanical	Malek Iliyas A	Solar Powered Automatic Conveyor Belt	1ST
		Raval Jitendra		
		Modi Nikita A		
2		Panchal Anish	Robotic Arm	2ND
		Panchal Henil R		
		Pathan Salim		
1	Diploma Civil	Makwana Aishwarya	Green Building	1ST
		Makwana Sharmistha		
		Rawat Pradip		
		Prajapati Ashish		
2		Rami Devarsh	Waste Water Treatment	2ND

Prepared By:

Prof. Vaidant Dixit
Institute Level Coordinator
Project and Model Competition – VEYG 2018
Saffrony Institute of Technology

VEYG 2018- PROJECT AND MODEL COMPETITION AT A GLANCE

Linch, Mehsana

Poster Presentation Competition

Name of Dignitaries: Mr. Mukesh Mahajan, Dr. Jashavant Patel, Dr. D.M. Patel, Mr. Harshal Trivedi, Prof. Samirsinh Parmar, Dr. D.M.Patel, Dr. Shyam Chawda, Mr. Sameer Shah, Mr. Dipan Shah.

Designation and Institute details: Mr. Mukesh Mahajan- Assistant Vice President-Ferromatik Milacron Pvt. Ltd, Dr. Jashavant Patel- Former Vice President and Head-ABB India, Dr. D.M. Patel – Principal- LCIT Bhandu, Mr. Harshal Trivedi – Director-Skyiwave, Prof. Samirsinh Parmar- Assistant Professor- DDIT Nadiad, Dr. D.M. Patel-Principal- SPCE Visnagar, Dr. Shyam Chawda – Owner - Shyam Sir An IT Education Centre, Mr. Sameer Shah- Proprietor-Marc Design, Mr. Dipan Shah – Director- CPP and Construction, Pacifica Companies.

Dates: 14th & 15th February, 2018
       14th February, 2018: 4th Semester Degree
       15th February, 2018: 2nd & 4th Semester Diploma & 6th Semester Degree

Time: 14th February, 2018 - 10:30 A.M. to 2:30 P.M.

15th February, 2018 **-** 10:30 A.M. to 2:00 P.M.

Venue: S.P.B. Patel Engineering College, Saffrony Campus

Degree Wng Ground Floor: Degree Mechanical & Automobile Engg.

Degree Wing 1st Floor: Degree Civil Engg.

Degree Wing 2nd Floor: Degree CS/T Engg.

Diploma Wing1st Floor: Diploma Mechanical, Automobile & Civil Engg.

No. of Participants:

2nd Semester Diploma:

Sr. No.	Branch	No. of Teams
1.	Mechanical	3
2.	Automobile	3
3.	Civil	7

4th Semester Diploma:

Sr. No.	Branch	No. of Teams
1.	Mechanical	2
2.	Automobile	2
3.	Civil	5

4th Semester Degree:

Sr. No.	Branch	No. of Teams
1.	Mechanical	6
2.	Automobile	4
3.	Civil	3
4.	CS & IT	14
5.	Electrical	3
6.	EC	-

6th Semester Degree:

Sr. No.	Branch	No. of Teams
1.	Mechanical	3
2.	Automobile	2
3.	Civil	4
4.	CS & IT	9
5.	Electrical	-
6.	EC	-

Introduction:

The Poster Presentation Competition was a part of the Technical Festival – VEYG 2k18 which is State Level Platform provided by Saffrony Institute of Technology to help students enhance their technical knowledge.

Objective

The objective of the Poster Presentation was to give a chance to students to explore topics related to their engineering branch that they would never study in their 3/4 year Graduate Program. By studying these topics in detail, students can know what is happening in the world related to their branch and hence develop more interest in the same.

Poster Making & Presentation was also meant to enhance the creativity, imagination and presentation skills of students. Posters are a common way to present results of a statistical analysis, program evaluation, or other project in front of experts. The ultimate aim was to improve research ability, team work and communication skills of the students.

Winners of Poster Presentation:

2nd & 4th Semester Diploma Engineering Combined Results:

Rank	Semester & Branch	Team Members	Topic
1st	2nd Mech	Chirag Parmar	Magnetic Levitation
		Pratham Jain	
		Tithi Sharma	
2nd	2nd Mech	Vishnu Shrimali	Coal Gasification
		Kamlesh Sharma	
		Bhaumik Patel	
1st	4th Civil	Ravi Chauhan	Under Water Tunnel
		Meet Patel	
		Sagar Makwana	
2nd	4th Civil	Raval Aastha	Rain Water Harvesting
		Patel Anju	
		Patel Mittal	
		Rajput Jyoti	

4th Semester Degree Engineering Results:

Rank	Branch	Team Members	Topic
1st	Mechanical	Ketul Patel	Aero Design
		Vijay Solanki	
		Virendra Solanki	
		Roshan Ponnaachen	
		Nirmal Makwana	
		Ketul Patel	
1st	Automobile	Darshan Joshi	ABS Technology in Car
		Guru Sathvara	

Rank	Branch	Team Members	Topic
		Tushar Gohil	
		Sashwat Babariya	
1st	Civil	Pragnesh Panchal	Plastic Bricks
		Kuldipsinh Zala	
		Krunal Prajapati	
		Dixit Kayiya	
2nd	Civil	Sachin Makwana	Micro Surfacing
		Bhautik Vagasiya	
		Parin Vagasiya	
		Jayant Mewara	
1st	CS & IT	Gandhi Krushang Hemantkumar	Zigbee Protocol (Communication)
		Patel Honey H	
		Patel Hemal D	
		Rawal Dhru S	
2nd	CS & IT	Padhivar BharatKumar D	Network Function Virtualization
		Oza Hemil H	
		Sharma Sachin V	
		Gandhi Krushana H	

6th Semester Degree Engineering Results:

Rank	Branch	Team Members	Topic
1st	Mechanical	Laprit Luhar	Draw Bot
		Bharat Vagela	
		Sedhabhai Rajput	
		Avinash Yadav	
		Laprit Luhar	
2nd	Automobile	Darji Hiren	Tesla Car Technology
		Rajput Darshan	
		Panicker Smith	
		Parmar Parikshit	
1st		Jay Bhadresa	RMDC- Rapid Monolithic Disasterproof Concrete
		Vardhman Chavda	
		Varun Makwana	
2nd	Civil	Yogesh Badgujar	Earthquake Resistance ductile iron pipe
		Mohammad Zuber	
		Patel Poojan	
		Mahipatsinh Chavda	
1st	CS & IT	Patel Jaykumar M	Block Chain
		Prabhakar Pinakin D	
		Patel Rajat P	
		Rupani Sourabh S	
2nd	CS & IT	Rana Mittal V	Digital jewellery

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		Shukal Urvashi H	
		Barot Khusbhu K	
1st	Electrical	Parmar Sanjiv	Biomass as a Electric Fuel
		Patel Palak	
		Chavda Ankit	
2nd	Electrical	Dhrupal Patel	Electric Automobile
		Hitesh Nayee	
		Rahul Rawat	

Feedback:

The program provided the students a platform to combine their innovative ideas with scientific theories and present the same in front of the audience. It helped them get clarity of the scientific concepts and also groomed their presentation and practical skills and developed teamwork. The participants gave a positive feedback of the program and found the event to be a great learning experience.

Jury members appreciated the students for their presentation ability and also suggested the students to dig deeper in research and analysis. They were also very happy to see such a huge participation of the students especially from Diploma.

Glimpses of the Event:

Poster Presentation Evaluation:

Diploma Civil Engineering Students

Diploma Mechanical Engineering Students

Degree Engineering Students

Prize Distribution:

Prepared By:

Prof. Harshit Bhatt   Prof. Avani Dedhia
Coordinator,   Coordinator,
Poster Presentation, VEYG2k18   Poster Presentation, VEYG2k18

'Robonex Competition 2018'

Name of Coordinators:

Prof.Chintan Shah (Robo Super League)
Prof.Rahul Patel (Catch Me If You Can)
Prof.Tausif Shaikh (Ground Zero 7.0)

Date: February 14th and 15th 2018
Duration: 10:30 am to 3 pm
Venue: Pharmacy Building, S.P.B. Patel Engineering College, Mehsana
No. of Participants: 35 groups from various nearby Engineering Colleges & S.P.B Patel Engineering College.

Introduction and Objective:

S.P.B. Patel college of Engineering Mehsana provides a unique platform to the engineering students of various Engineering disciplines to showcase their quality work and Technical skills in form of remote controlled Robots. It helped students to acquire knowledge of various disciplines of engineering. The Institute organized this event during annual Technical fest of college i.e. VEYG 2018 on February 14th and 15th 2018. Prof.Chintan Shah, Prof.Rahul Patel & Prof.Tausif Shaikh were remained present for motivating the students and Judging them. Total 35 groups participated in various Robotics Competitions. Student Coordinators from each branches also contributed to make this event a success by preparing tracks of each event of robotics by hard work of last 10 to 15 days.

Robonex Event Details:

1. **GROUND ZERO 7.0 Event Description:**
   In this event participants were supposed to design a manually controlled ROBOT that has the capacity to cover maximum distance in the shortest possible time, challenge others and be one of the best opponents.

2. **CATCH ME IF YOU CAN (Thief and Cop Robotics Event) Event Description:**
   This event was about designing wired/wireless robots that share the same arena/track. The toss of a coin decides the role of the team - cop or thief. Helipad was be available at the center of the arena/track. If the thief reaches on the helipad before the cop does, then the thief wins. Similarly, if the Cop catches thief before he reaches helipad then the cop wins. It is similar to a typical Chor-Police game but with a technical edge. The Track has obstacles like bumps, oil, sand/pebbles, marbles etc.

3. **ROBO SUPER LEAGUE Event Description:**
   Robo soccer was the first technical event in the campus which gave chance to freshers to make their first manual robot and find their interest in robotics. This marks the first milestone

in the journey to learn robotics. This event gave chance to the participants to showcase their skills and ideas. This is the event in where the arena looks like a football ground in which participant scores goals in the time limit given to them using their robot.

Table 1. List of Internal Judges and Departmental Coordinators

Sr. No.	INTERNAL JUDGES	DESIGNATION	BRANCH
1	Prof. Chintan Shah	Assistant Professor	Electrical Engineering
2	Prof. Rahul Patel	Assistant Professor	Mechanical Engineering
3	Prof. Tausif Shaikh	Assistant Professor	Mechanical Engineering

Table 2. List of Winners of Robonex Competition 2018

Sr. No.	Event Name	Name of Student	College Name
1	**Robo Super League**	Nikhil Prajapati	Ganpat University
		Jignesh Prajapati	
2	**Robo Super League**	Happy Patel	S.P.B Patel Engineering College
		Smith Adhiya	
		Kausal Parmar	
		Bhargav Dedakiya	
1	**Catch Me If You Can**	Kushwaha Sanskar	MIT,Merchant
		Hemang Panchal	
2	**Catch Me If You Can**	Sagar Patel	S R Patel Engineering College
		Mihir Suthar	
1	**Ground Zero 7.0**	Nikhil Prajapati	Ganpat University
		Jignesh Prajapati	
	Ground Zero 7.0	Kushwaha Sanskar	MIT,Merchant
		Hemang Panchal	

Prepared By:

Prof. Tausif Shaikh & Prof.Rahul Patel

Event Coordinator

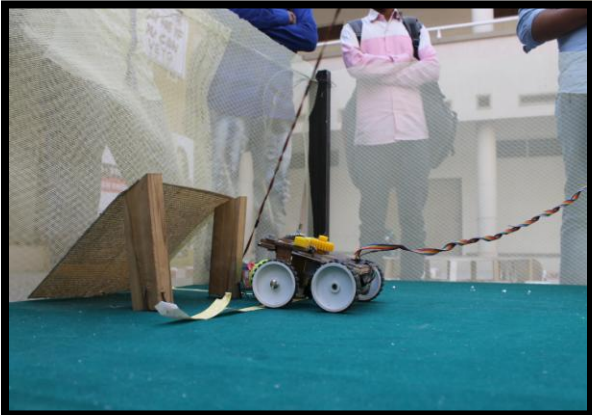Robonex Competition – VEYG 2018

Saffrony Institute of Technology

Linch, Mehsana

VEYG 2018- ROBONEX COMPETITION AT A GLANCE

<h1 style="text-align:center"><u>VEYG 2018</u></h1>

<h2 style="text-align:center">Report of Non-Technical Events</h2>

<h2 style="text-align:center">'Gully Cricket Event'</h2>

Date: February 14th and 15th 2018

Duration: 10:30 am to 4:30 pm

Venue: S.P.B. Patel Engineering College, Mehsana

No. of Participants: 300 students from various branches of engineering of S.P.B Patel Engineering College and other engineering colleges.

Introduction and Objective:

It is no surprise that 'Cricket' is more than just a game in India. Right from their schooling days, kids are part of the game in a form which exists in every lane of the country, Gully Cricket. These gullies are narrow lanes between buildings or roads which are converted into unconventional stadiums. Every cricketer in India is exposed to this form in some manner. Many of our star players probably discovered their love for the game in these tiny gullies. Many others even played here in their initial years. With its unique features, this local form has definitely impacted the game on the international level.

College fests usually provide an excellent platform to showcase all kinds of different talents ranging from arts, education and sports to the informal ones like JAM or hogging the most food in the least time. Despite what people may say, winning an event gives everyone a boost. A shiny piece of metal awarded can skyrocket one's self-esteem.

Gully Cricket Event Details:

The event started with the proper explanation of rules and regulations of the game to all the team players. There were 50 teams from all the different engineering colleges and from Saffrony. Each team was playing with 6 players. It was a Five overs match having running between the wicket, four run and six run options. If a player hit directly out of the boundary circle then that was considered to be out as per the rules of the game.

The first round of the game was the knock out round in which 25 matches were played followed by quarter final, semi-final and final round. The final round was played between the students of Saffrony College. Certificate of participation was awarded to all the team members by the student coordinators at cricket ground itself. The certificates of winner team and runners-up team were distributed in the prize distribution ceremony.

Winner Team   **Runners-up Team**

Institute: Saffrony Institute of Technology   **Institute: Saffrony Institute of Technology**

	Name of Players		Name of Players
1.	Modi Mit	1.	Brijen Patel
2.	Goswami Raj	2.	Sopan Bhatt
3.	Rabari Jigar	3.	Jenish Vaghela
4.	Chauhan Chirag	4.	Nisarg Patel
5.	Chaudhary Vishwas	5.	Angel Khushwaha
6.	Prajapati Mahesh	6.	Nency Patel

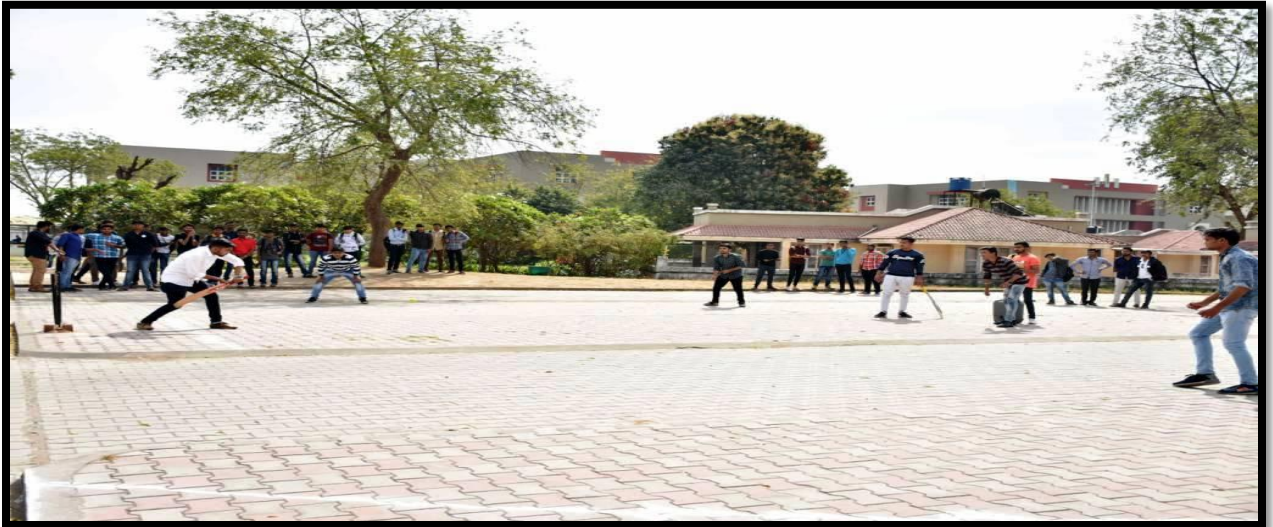**Prepared By:**

Prof. Amit Patidar
Event Coordinator
Gully Cricket – VEYG 2018
Saffrony Institute of Technology
Linch, Mehsana

VEYG 2018 – GULLY CRICKET EVENT AT A GLANCE

'Quantico 2.0'

Date: February 14th, 2018
Duration: 1 pm to 2.30 pm
Venue: S.P.B. Patel Engineering College, Mehsana
No. of Participants: 107 participants from various branches of Engineering of S.P.B Patel Engineering College as well as other colleges

Introduction and Objective:

Quantico 2.0 was designed as a fun, non-technical event which gave the participants a thorough, unguided tour of the entire college campus. The participants had to look for various clues at various locations and the team coming back first with all the clues would be declared the winner.

Group participation was required in the event. Each team consisted of 4 members. There were 2 rounds.

Elimination round – A quiz was organized to select 6 teams that would go to the second round.

Quantico – The 6 selected teams had to look for various clues and the team coming back first with all the clues was to be declared the winner.

List of Internal Judge and Departmental Coordinator

Sr. No.	INTERNAL JUDGE	DESIGNATION
1	Prof. Krina Shah	Adhoc Lecturer - Humanities & Science Department

List of the winners

Sr. No.	Student Name	College Name
1	Acharya Yatharth U. Prajapati Meet H. Patel Dhaval S. Prajapati Maulik D.	G.E.C., Patan

Prepared By:

Prof. Krina Shah
Event Coordinator
Quantico 2.0 – VEYG 2018
Saffrony Institute of Technology
Linch, Mehsana

Dumb Charades & Pictionary

Dumb Charades & Pictionary competitions were organized at the Auditorium hall in the Saffrony Institute of Technology on 14 & 15 February 2018. Total 63 students participated in Dumb Charades and 94 students participated in Pictionary competition. Prof. Rasik Patel served as the judge for both the events. The event went well and student enjoyed a lot. We got very excellent feedback from faculty members as well as students.

(i)   Dumb Charades winner
Patel Avani R (Saffrony Institute of Technology)
Patel Astha N (Saffrony Institute ofTechnology)
Raval Jinal (Saffrony Institute of Technology)

Jethloja Sivangi A (Saffrony Institute of Technology)
Bhavsar Rajvi (Saffrony Institute of Technology)

(ii) Pictionary winner

Thakkar Sanjana (Saffrony Institute of Technology)
Pathak Tanvi (Saffrony Institute of Technology)
Patel Vishva (Indrashil Institute of Science and Technology**)**
Patel Charmi G (Indrashil Institute of Science and Technology**)**
Nihal I Memon (Indrashil Institute of Science and Technology**)**

Dumb Charades photos

Pictionary photos

Event Coordinator
Prof. Rasik M Patel
Humanities &Science Department

'Roadies'

Date: February 14th and February 15th, 2018
Duration: 10 am to 3 pm
Venue: S.P.B. Patel Engineering College, Mehsana
No. of Participants: 101 participants from various branches of Engineering of S.P.B Patel Engineering College as well as other colleges

First round:

- Group Discussion

Second round:

- Personal Interview on the basis of Question Paper given before PI.

Third round:

- Performing given mental or physical task.

Table 1. List of Internal Judges and Departmental Coordinators

Sr. No.	INTERNAL JUDGES	DESIGNATION
1	Rajat Mishra	HOD of Civil
2	Prof. Nibha Thakore	H&S

3	Dr. Pooja Mehta	H&S

Table 2. List of the winners

Sr. No.	Student Name	College Name
1	Jinal Raval	Saffrony Institute Of Technology
	Patel Deep	
	Patel Sahil	
	Patel Suhag	

Prepared By:

Prof. Rajat Mishra
Event Coordinator
Roadies – VEYG 2018
Saffrony Institute of Technology
Linch, Mehsana

'Mini Militia'

Date: February 14th, 2018

Duration: 10 am to 3 pm

Venue: Physics LAB S.P.B. Patel Engineering College, Mehsana

No. of Participants: 128 participants from various branches of Engineering of S.P.B Patel Engineering College as well as other colleges

Introduction and Objective:

Basically, the mini militia was a Lan game. Group participation was required in the event. Each team consisted of 4 members. There were 5 rounds.

Elimination round – Lan game was organized during the event.

Quantico – The 32 selected teams had to look for various round and the team who score more points are chosen as the winner.

Table 1. List of Internal Judges and Departmental Coordinators

Sr. No.	INTERNAL JUDGES	DESIGNATION
1	Hemant Rai	STAS Member

Table 4. List of the winners

Sr. No.	Student Name	College Name
1	Patel Ronak	G.E.C., Patan
	Patel Mayur	
	Patel Sahil	
	Patel Suhag	

Prepared By:
Hemant Rai
Event Coordinator
Mini militia – VEYG 2018

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Report of Non Technical event of Diploma

Science Explorer

An event titled 'Science Explorer' was organized by S. P. B. Patel Engineering College-Diploma Courses under Veyg 2018 on 14th February 2018.

Objective
The purpose of the game was to build teamwork amongst students and make them realize the importance of working together to achieve their goals.

The Event
The event was designed in three stages- Treasure Hunter, Punch the Balloon and Solve the Puzzle. The students were provided with a map in the first stage and they had to search for the destinations in a limited time. The teams were given clues at identified places which would lead them to the next destination. The second stage was a fun stage where the students had to tie balloons on their right legs and they had to punch the balloons of the opposite team using the left leg, with their hands tied at the back. Simultaneously the opposite team too would try to punch their balloons. A jigsaw puzzle comprised the last stage of the event.

Total 10 teams participated in Science Explorer, of which the winners were decided through eliminations at all the stages.

WINNERS:

GROUP NO	BRANCH	NAME OF STUDENT	NAME OF EVENT	RANK
1	S.P.B Patel Engg College Diploma 6TH Sem Civil	Chauhan Ravi		
		Maulik Pandya		
		Patel Meet	Science Explorer	1st
		Makwana Sagar		
		Prajapati Sagar		

The venue for the event was the ground adjacent to the canteen for the first round and the workshop ground for the remaining two stages. The students thoroughly enjoyed

the event. The students had to think hard to solve the clues and rush to the assigned place in Treasure Hunter. This created a great hustle and bustle amongst the students. The balloon bursting was great fun. The students found the jigsaw puzzle quite creative and enjoyed solving it.

Sr. No.	Name of Non Technical Event	Coordinator	Concerned Department	Location	No. of Participants
1	Gully Cricket	Prof. Amit Patidar	Mech - Auto	Parking	300
2	Quantico 2.0	Prof. Krina Shah	H&S	Campus	107
3	Dumb Charades	Prof. Rasik Patel	H&S	Auditorium	63
4	Pictionary	Prof. Rasik M. Patel	H&S	Auditorium	94
5	Roadies	Prof. Rajat Mishra	Civil	Campus	101
6	Mini Militia	Mr. Hemant Rai (Student)	Mech	Physics LAb	128
7	Science Explorer (for diploma students only)	Prof. Gaurav Rade	Mech (Diploma)	Campus	50

Co-ordinator
Prof. Gaurav Rade

Photos of Science Explorer:

(Students in Action, Photos of 2nd Round)

(The Winning Team of Science Explorer)