Synergy Report

Registration process:

We began the PR process of the event, on the 16th March.The following colleges were contacted: VGEC, PDPU, NIRMA, Adani Institute of Engineering , Marwadi University. Silver Oak, MEFGI, IIT Gandhinagar, IIIT Vadodara and DAIICT. An email containing a google form was sent and the registration deadline was 31st of March. Also, an IEEE E-notice was sent regarding the event. The maximum team size was 5 members. The registration fees were as following:

The registration fee was zero was all girls team.

For IEEE members the fees was Rs. 250 per team, if the team registered before 25th March and Rs. 300, after 25th March.

For non IEEE members the fees was Rs. 300 per team, if the team registered before 25th March and Rs. 350, after 25th March.

Theme : Projects on any topic under the sun.

Tracks :

1 . Hardware Project

2. Software Project
   - Mobile Application
   - Web Application
   - Machine Learning project

18 teams had registered for the software category and 11 hardware teams. **Out of 29 11 teams were all girls team.**

<u>**Details of the event:**</u>

Name: Synergy-WIE Project Presentation
Organized by: Women in Engineering Affinity Group, IEEE Student Branch, DA-IICT
Date: 6th April 2019
Venue: Lecture Theatre 1, DA-IICT

<u>**Proceedings of the day:**</u>

At 9:00 am, the teams arrived and process for confirmation of registration started. On arrival, the teams were given a registration kit, containing instructions and github goodies for each member of the team. For the purpose of encouragement, all the **female participants were given free registrations**. Then, the teams were provided with 1 hour to assemble their hardware projects and to settle according to their allocated seating arrangement. Total of **25 teams** participated in the event. All the teams were from students of B. Tech 2nd, 3rd and 4th year.

The event started at 10:00 am with the inauguration ceremony, We welcomed the judges for the event. We had two judges for hardware category and two for software category.

HARDWARE CATEGORY
Professor Rutu Parekh
She has done her PhD in Nanoelectronics from University of Sherbrooke and has also worked as a post doctoral researcher at IIT Bombay. She is deeply interested in topics related to nanoelectronics,nano device CMOS hybridization,design and simulation,nanofabrication etc. Presently she is a part of the faculty of DA-IICT.

Professor Anjan Ghosh
He has done his PhD in Electrical Engineering. He pursued his bachelor's degree from IIT Kanpur and has worked there for almost 15 years.His field of interest include optical communication,image and signal processing. He is also associated with DA-IICT since 2011.

SOFTWARE CATEGORY

Kishan Patel

He is the cofounder of Lyearn(mobile first learning management system for corporates) and Playpower Labs a part of Techstars.His main areas of interest include education technology game development and he has even been a research scholar at Carnegie Mellon University

Ankush Chander

He is the co-founder and CTO of Rygbee Inc. which is an intelligent online "idea-guide" for researchers, students, and creatives to shape up their on-going projects.He has worked actively in the field of web development, software development and machine learning.

After a brief introduction the judges started evaluating the projects.

The winners in Hardware category were:

1st prize:

Prize: Rs. 2500 cash prize and a Dell mouse per team member.

Project Title: Smart Transportation

College: Marwadi University

Team Size: 5

2nd prize:

Prize: Rs. 2000 cash prize per person

Project Title: Swarm Intelligence on quadcopter

College: NIRMA

Team size: 4

In Software Category:

1st prize:

Prize: Rs. 2500 and a Dell mouse per team member.

Project Title: Marg Shayak (Public grievance system)

College: VGEC

Team Size: 5

2nd prize:
Prize: Rs. 2000 cash prize per person.
Project Title: Regression testing optimization using machine learning algorithm
College: PDPU
Team size: 2

Special mention:
Category: Machine learning (Software)
Project Title: Human motion classification
College: IIIT Vadodara
Team size: 1

Felicitation and ending ceremony:

All the winners were felicitated with prizes and certificates. The other participants were given certificates too. The judges were given momentos. A vote of thanks was given to the event sponsor **IEEE WIE Affinity Group, Gujarat Section**. A vote of thanks was given to the administration department who helped the team to make the event a success. It was a highly successful event. All the projects were inspiring and led to motivating everyone to delve deep into the field of science and technology.