EFOCUS-2K20

A two days intercollegiate technical / non-technical festival *Electrofocus-2K20* was organized by the Electronics Students Technical Association (ESTA) at Department of Electronics Engineering from 27th February 2020 (Thursday) to 28th February 2020 (Friday).

The theme of event was based on Technical and Non-Technical competitions such as Circuit Building, Arduino Coding, Slow Motorcycling, Stamp Jump, Calci War, Robo Race, PUBG Squad, Tech Quiz with Logo Hunt, Techno Treasure Hunt, Tug of War, Mobile Photography, Mehendi, Sketching, Rubik's Cube Challenge etc. The department was nicely decorated with the theme of Indian Navy, to give tribute to the great warrior-king Chhatrapati Shivaji Maharaj as he was known as the Father of Indian Navy.

Mr. Hrushikesh B. Juvale (Student Chief Coordinator, ESTA), Ms. Mayuri R. Sawaratkar (Student Assistant Chief Coordinator, ESTA), and Mr. Rahulkumar P. Tivarekar (Faculty In-charge, ESTA) smoothly carried out all the knowledge and fun activities with the support of all teaching and non-teaching staff of Electronics Engineering Department under the guidance and suggestions of Prof. Girish. G. Bhide (HoD, Electronics Engineering Departrment).

Principal Dr. Kaushal Prasad Inaugurated event with IoT based automatic unknotting Ribbon
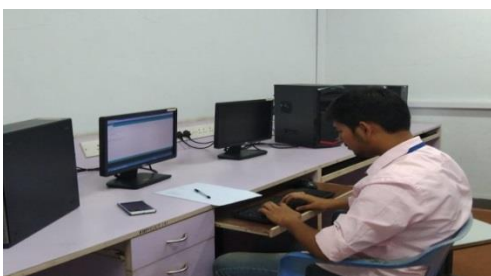
Inauguration:

Respected Principal of Finolex Academy of Management and Technology Dr. Kaushal K. Prasad (Ph. D. Mechanical), inaugurated the event by unknotting the IoT based automatic inauguration ribbon. He gave a message of discipline to all the students and wished a success to all the participants of different competitions.

HoDs Address:

HoD Prof. G. G. Bhide addressed students in the inauguration ceremony. He gave the message of positivity and encouraged students to gain as much knowledge as possible through this event. He also suggested of keeping the similar enthusiasm in academics after the event is over.

HOD Prof. G. G. Bhide addresses students at Inauguration Ceremony

Competition: Arduino Coding

Arduino coding:

Arduino coding competition was organized to test the Arduino programming skills of the students. Some simple yet necessary programming tasks were assigned which were expected to be completed within specified time. Siddhi Desai (Chief coordinator) and Abhishek Lingayat (Asst. coordinator) carried out the assessment work based on the time utilization by participant and the correctness of his/her code. Akshay Adivarekar (FAMT, Ratnagiri) won first prize and Supriya Naik (FAMT Ratnagiri) won second prize in this competition.

Calci-war:

Calci-war was the one participant competition which was the easiest way to identify students who actually know how to play around with different options in scientific calculators and know how to solve different type of mathematical problems or equations with them. Dipti Zore (Chief coordinator) and Shouri Keer (Asst. coordinator), coordinated this competition by

Competition: Calci War

setting tasks of equations solving, matrices-based calculations and few other assignments while monitoring the speed of calculation along with accuracy. Ramchandra Dhorgalkar (FAMT, Ratnagiri) won first prize and Supriya Naik (FAMT, Ratnagiri) won second prize in this competition.

Competition: Circuit Building

Circuit building:

The circuit building competition was based on building the circuits as provided in a circuit diagram and getting the expected outputs using that. The circuits involving Diodes, BJT, and some basic analog and digital ICs were used. The pinout diagrams of different ICs were provided. There were different difficulty levels which needed to be passed to get good score. Ruwaida Solkar (Chief coordinator) and Suyog Gokhale (Asst. coordinator), coordinated this competition. Samiksha Dhangade (FAMT, Ratnagiri) won the first prize and Shreyas Gurav (FAMT, Ratnagiri) won the second prize.

Robo race:

Robo race competition was time attack competition which was based on completing the robo race track. The track and robo car were both built inhouse. Students took efforts in making the robo car as sensitive as possible and as light wieght as possible. Track was made using easily available resources including soil, marbles, woods etc.

Competition: Robo Race

Mandar More (Chief coordinator), Sachin Prabhu (Asst. coordinator), Bhushan Mahajan (Asst. coordinator), and Ashish Londhe (Asst. coordinator) made this competition successful. Amey Rane (FAMT, Ratnagiri) won first prize and Sanket Dhamane (FAMT, Ratnagiri) won second prize.

Competition: Mehendi

Mehendi:

Female students from various colleges showed their interest in mehendi competition. The mehendi cones were provided to help them show their talent. Though it was individual event, participants were free to choose one volunteer who can get mehendi done on her hand.

Siddhi Desai (Chief coordinator) and Akshay Hindalekar (Asst. coordinator) coordinated this competition. Salwa Mirkar (Gogate College, Ratnagiri) won first prize and Afsheen Borkar (FAMT, Ratnagiri) won second prize.

Competition: Mobile Photography

Mobile photography:

Mobile photography competetion had a task of clicking photograph which best suits the assigned black and white theme. The printed photographs were used for grading and same were exhibited in well decorated classroom which was part of attraction for everyone who likes phototgraphy. Dattaraj Kuvalekar (Chief coordinator), Mohsin Dosani (Asst. coordinator), and Sanket Doke (Asst. coordinator) coordinated this competition successfully. Lakshita Prabhu (FAMT, Ratnagiri) won first prize and Yash Patil (FAMT, Ratnagiri) won second prize in mobile photography.
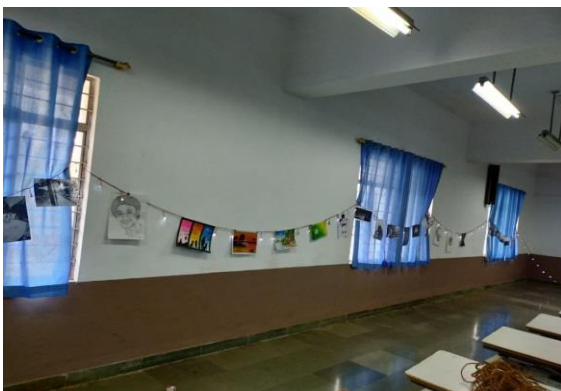
Rubik's cube challenge:

Rubik's cube challenge was two level competition in which first level was basic qualifying level for entry to second level. First level had task of solving Rubik's cube puzzle in minimum possible time. Second level had different Rubik's cube colour patterns needed to be matched with given images. The one who passes both the levels in smallest time would be a winner. Neha

Competition: Rubiks Cube Challenge

Gothankar (Chief coordinator) and Amit Shitut (Asst. coordinator) coordinated this competition. Amey Chavekar (FAMT, Ratnagiri) won first prize and Abhishek Sawnat (FAMT, Ratnagiri) won second prize in Rubik's cube challenge.

Competition: Sketching

Sketching:

Sketching competetion was accomplished with more than twenty black and white pencil sketches which had a human face as topic. These sketches were also exhibited along with mobile photography printed photos. Siddhi Desai (Chief coordinator) and Akshay Hindalekar (Asst. coordinator) took this competition to success. Mrunal Khapare (FAMT, Ratnagiri) won first prize and Trupti Vishwasrao (FAMT, Ratnagiri) won second prize in Sketching competition.

Tug-of-war:

The very popular Tug-of-war competition was held near the back side parking lot of Electrical and Electronics Engineering block. Akosh Raghuwaram (Chief coordinator) along with Siddhesh Mayekar, Akshay Harne, and Sachin Prabhu (Asst. coordinator) worked together for this competition. Team of Rahul,Prajwal (DGK college) won first

Competition: Tug of War

prize and team of Pooja Suryavanshi (FAMT, Ratnagiri) won second prize in Tug of war competition.

Competition: Techno Quiz

Techno Quiz:

Techno Quiz was the quize involving the technical multiple choice type questions along with some logo hunt problems where participants were expected to identify the popular brands logos. Samiksha Dhangade (Chief coordinator), Amey Rane (Asst. coordinator) and Parnika Narvekar (Asst. coordinator) worked as coordinators for this

Techno Quiz competition. Ruwaida Solkar (FAMT, Ratnagiri) won the first prize and Yatin Foferkar (FAMT, Ratnagiri) won the second prize in Techno Quiz competition

Techno Treasure Hunt:

Techno Treasure Hunt competition had some funny tasks which pair of participants need to accomplish to become winner. The competition also had some technical hints ptovided to clear some stages in the competition. Swati Parab (Chief coordinator) and Yashdip Shinde (Asst. coordinator) coordinated this competition successfully. Shrushti desai group (FAMT, Ratnagiri) won the first prize and Nureen Zari group (FAMT,

Competition: Techno Treasure Hunt

Ratnagiri) won the second prize in Techno Treasure Hunt competition.

Competition: Stamp Jump

Stamp Jump:

Stamp Jump competition had the task of matching right and left palms and toes while jumping on the printed images fixed on floor. Shubhada Shinde (Chief coordinator), Shital Dhamne (Asst. coordinator), and Samruddhi Rumade (Asst. coordinator) worked to make this competition successful. Sanket Dhamane (FAMT, Ratnagiri) won the first prize and Siddhi Patil (FAMT, Ratnagiri) won the second prize in Stamp Jump competition.

Total 394 students had participated in various competitions out of which 54 students were from other colleges in Ratnagiri, Devrukh, Kankavli, Pune etc. which made this event truly intercollegiate. The winners of various competitions were rewarded with cash prizes and certificates.

This event was aimed at helping students in exploring their creativity and technical skills. The confidence level in students seemed lifted up when they understood how nontechnical events such as Mobile Photography, Rubiks Cube challenge can also have technical bcakground and logical relations.