

DEXTER

Date: 15th September 2019

Venue: IT Classroom 1, PG block BMSCE

No. of participants: 25 teams

Faculty coordinators: Preethi K Mane

Prize money: 1st-2000/- INR; 2nd-1000/- INR

Student coordinators: Ananya SK, Sindhuja V

Brief description:

Participants are expected to build a chain reaction system, to complete the stated task. The event is about conversion of energy from one form to another.

The event was conducted on 15th September from 10am to 3pm. The participants had built chain reaction models with minimum three forms of energy conversions. All the participants had made their models from the junk. The event was judged by Raj Gopal Sir. The event was sponsored by Agraj Automation and Chirag Fabrications.

Ajay Shenoy and Priyanka V got first prize as their model had considerable number of energy conversions.

Chaitanya, Pooja, Harshitha got second prize as they had build out a model without battery and created energy out of it which could be utilized.



Winners- Ajay Shenoy, Priyanka V

Runner up- Chaitanya, Pooja, Harshitha

FAST & FURIOUS

Dates: 14/09/2019

Venue: 1st floor PG block (Open space), BMSCE

No. of participants: 17 TEAMS

Prize Money: 12000 INR:

Faculty coordinators: Ajay Kumar D

Student coordinators: Akhil Aithal, Vineet, Rakshitha.

Brief description:

Participants are expected to build the robot on their own. Ready-made robots are strictly not allowed. The models will be evaluated based on

different criteria. The event was conducted on 14th September from 10am to 1pm.

The participants had built an RC car using junk with specification given and there was a track build accordingly to move, the participants have completed the track through given timings and best one tops. Chiranjani and team got 1st prize as they finished their track in considerable

best time out of other participants and the prize money of 12,000/-INR was distributed.

The event sponsored by Sri Murugan Fabricators and ISA Section Bangalore.



Winner- chiranjani

SMART ROOMS WITH ALEXA

Date: 14th - 15th September 2019

Venue: Computer lab (EIE department)

No. of participants: 15 teams

Faculty coordinators: Dr Santhosh Desai

Student coordinators: Pranav M, Priyanka

Brief description:

SMART ROOM WITH ALEXA (Flag-ship Event: Department of Electronics and Instrumentation). This workshop cum event was conducted by the resource persons from

Modelicon Infotech Pvt. Ltd. It was held on both the days of Phase shift - 2019. The first day was the workshop and it witnessed around 35 participants from various colleges. In the course of the workshop, the participating teams got hands on training with the required hardware. They learnt about different sensors and actuators that goes into making an ordinary room smart, like a temperature and humidity sensor, IR sensor, LEDs and motor drivers.

The participants were very intrigued and curious to know about how they can connect their hardware to Alexa, which was planned for the following day. The following morning witnessed all participating teams learning about the required software and network protocols with complete enthusiasm. Finally, their thirst to observe Alexa controlling their circuit was quenched early in the afternoon. All teams were working dedicatedly with determination in getting Alexa to roll out their Smart Room circuit.

Post- Lunch, a competition was organized and evaluated by the resource people from Modelicon Infotech Pvt Ltd. All teams had completed the given task and were ready to be judged. The competition witnessed two winners, the first being from PES University and runners up from BMS COLLEGE OF ENGINEERING. This event was sponsored by Modelicon Infotech Pvt Ltd. The event was successfully conducted from both ends and all the participating teams mentioned in their feedback that they are looking forward to many more such workshops.



JAM

Date: 15th September 2019

Venue: RK hall, PG Block

No. of participants: 40

Faculty coordinators: DR. Mamatha M.N.

Student coordinators: Rachana S Raju, Sushmitha

Brief description:

One minute or less extempore speech that is carried out without any preparation or impromptu performances. Mental Preparation: Know what to speak before delivering speech. Ponder over the topic for some time and prepare the flow of delivery. Topics will be given based on the theme “Energy and Sustainability”. Just a minute is an impromptu speech where the speaker is supposed to express the ideas based on the given topic. This event was organized by the Department of Electronics and Instrumentation as a part of Phase Shift 2019, annual technical symposium of BMS College of Engineering. Participants were given topics based on ‘energy and sustainability’, which was the theme for Phase Shift 2019. This JAM session was judged by Mr. Rajshekar Uchil, senior engineer, Josts Engineering Company Ltd. The participants were judged based on their speech content, organization of materials, communicative ability and body language. Participants were given topics on the spot and were given a minute for preparation and a minute to deliver their content. Apoorva S, a student of BMSCE grabbed the first place with a cash prize of Rs.1000 and Anupriya Periwal also a student of BMSCE came second and won a cash prize of Rs.500. this event was sponsored by Sasmos.



Winner: Apoorva S

Runner up: Anupriya Periwal

INNOVIEW

Date: 14/09/2019

Venue: IT classroom 3, PG block.

No. of participants: 15 teams

Prize Money: 1st - 2000 INR; 2nd - 1000 INR

Faculty coordinators: Preethi K Mane, Dr Santhosh Desai

Student coordinators: Namrata N, Sonal

Brief description:

Controlling of temperature and humidity using a controller and display. The different available sensor sources and dashboard for changing the set points are to be included in innovating a working model. Workshop on using a dashboard to change the set points to control the humidity and temperature in a room.

Round 1: Screening (through puzzles)

Round 2: Hands on experience with the hardware component followed by a competition.

An event full of creativity. Innoview was an event sponsored by sunlux technovation and conducted by Mr. Jayadeva from sunlux . Mr. Jayadeva explained the participants the uses and working of the sensor. The event had 3 rounds, first being a treasure hunt – where the participants had to go around the college and collect components, second round was the assembling round- the participants had to assemble the components collected into a complete sensor called temperature and carbon dioxide sensor, third round was the creativity round- the participants were given ten minutes to think of one practical sustainable use of the sensor and present it.



Winners: Aniket Kumar Mandal ,B
Meghana ,Ayush Kumar

ASSETS UTILISATION USING IOT

Date: 14/09/2019

Venue: COMPUTER LAB EIE DEPT, PG block

No. of participants: 51

Faculty coordinators: K Narasimha Rao

Student coordinators: Deeksha Raj , Sanjana

Brief description:

This workshop was conducted by the resource persons from Wipro. It was held on 14th September of Phase shift - 2019.

It was a workshop and it witnessed around 40 participants from various colleges. In the course of the workshop, the participants got hands on training with the raspberry pi. They learnt about different sensors and how to connect them to raspberry Pi using different programming languages. The participants were very intrigued and curious to know about how they can connect their hardware to raspberry Pi using programming language python. Everyone received their certificate for participation.

This event was sponsored by BYJU'S. The event was successfully conducted from both ends and all the participating teams mentioned in their feedback that they are looking forward to many more such workshops.



Sponsors:

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