

## VYVIDH - TECHNO CULTURAL FEST 2024

VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY, THRISSUR

Dept. of ELECTRICAL AND ELECTRONICS

### ELECSPIRE

Our college Vidya Academy of Science and Technology conducted a two day tech fest named 'Vyvidh 2024'.

The department of EEE organised Elecspire - colourful events for the fest.

The events are listed below:

Event No.	Event Name	Date of Event	Location	Time/Duration
1.	Arc Attack 2.O	29 Feb,1 March	South block courtyard	10am
2.	Anime Arcadia	29 Feb,1 March	South block courtyard	10am
3.	Pavillion	29 Feb,1 March	MB008	10am
4.	Psych Carnival	29 Feb,1 March	Staff Parking	10am
5.	Mastermind	1 March	Sb114	10 am
6.	Snap Circuit	29 Feb	MB009	10am
7.	Refocus	29 Feb,1 March	Nil	10am

### Inaugural ceremony

On 29/02/2024 ,the first day of Vyvidh, the electrical department fest named "Elecspire" was inaugurated at 10 am by Dr. Sudha Balagopalan - Dean Academics, later Dr. Mary P.Varghese, Mr. Rajesh S K, VS Sabu and Abhishek S Nair addressed the occasion. All the events started right after the inaugral ceremony.



## Arc Attack 2.0

Arc attack 2.0 was an exhibition based on different tesla coils which consists of:

### A. HIGH-VOLTAGE DEVICES:

1. Wireless Electricity Transmitter (2KW)
2. Solid state Ion Propulsion
3. Musical Tesla Coil
4. Static Generator using Voltage Multiplier
5. Eco-friendly explosive
6. Jacob's Ladder
7. Spark gap Tesla Coil

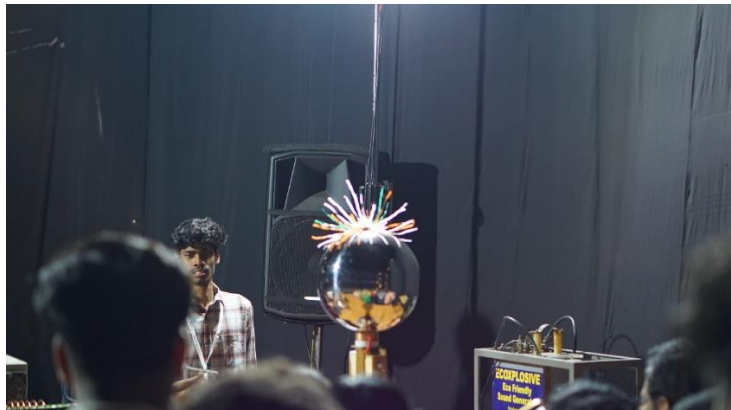
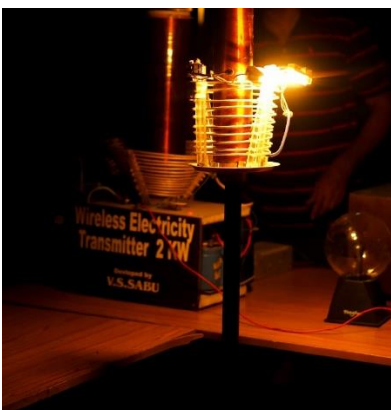
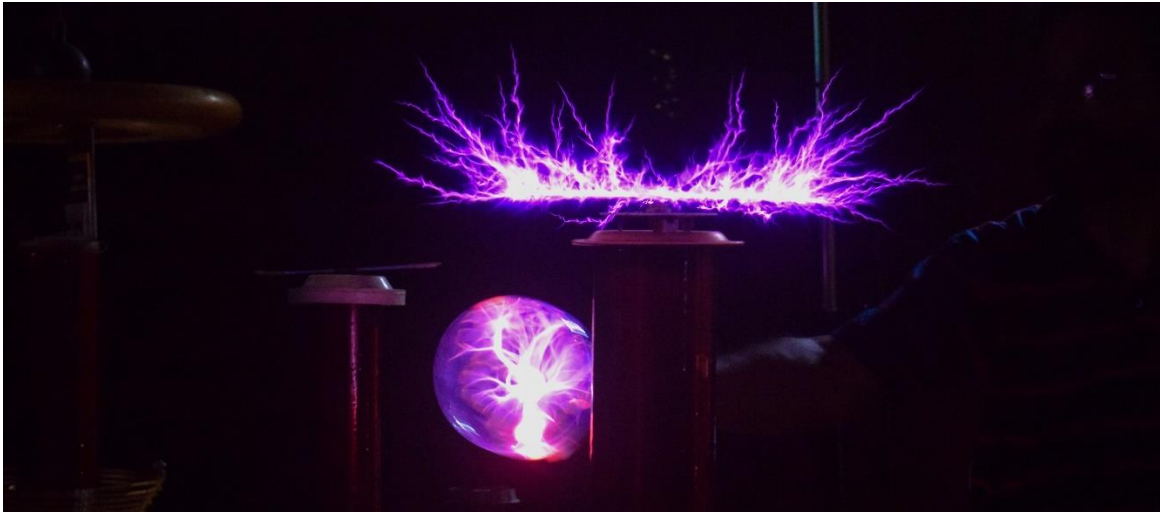
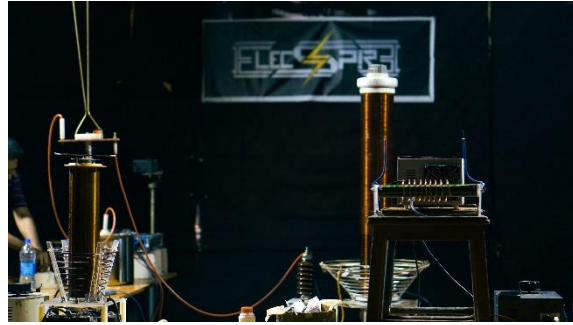
### B. LOW-VOLTAGE DEVICES:

1. Miniature Tesla Coil
2. Ionic propulsion Tesla Coil
3. Working of a Transformer
4. Demonstration of Faraday's Law
5. Electromagnetic Levitation

These tesla coils were presented by V.S Sabu, a technological enthusiast from Thiruvananthapuram who is the proprietor of "Intek Systems" TC 65/951 Near Christ nagar school Thiruvallam p.o Trivandrum 695027, phone number - 7356303133.

Geno Panakkal, Abishikth K Jose and team were the demonstrators from the student side.

The working and the arc produced from the 1 million volt tesla coil attracted the attention of the audience and the eco explosives made a thrilling experience.



## Anime Arcadia

One of our main event was Anime Arcadia.

Anime Arcadia showcased the following Anime characters:

1. **Levi** from Attack on Titan
2. **Ittachi** from Naruto
3. **Goku** from Dragon Balls
4. **Gojo** from Jujutsu Kaisen
5. **Zoro** from One Piece

These characters were showcased with their background themes and lighting to create a visual treat for the audience. The models and properties were built by the students. This helped in improving their creativity and artistic skills.







## Pavilion

The Pavilion showcased working models and still models related to Electrical branch along with the projects of students. The main highlights of the event were:

1. Ring Main unit from KSEB
2. Vertical wind turbines
3. Pumped hydro power station
4. Small hydro power station with wind turbines
5. Concentrated solar power
6. Nuclear power station
7. 2 way foot step energy generation
8. Substation model

These models provided the audience with knowledge about power transmission and energy conversions.



## Psych carnival

Psych carnival was a fun platform with lots of games for people to enjoy. The games were exciting and thrilling for every age group. It was decorated with paintings and paper cuttings. Gifts were provided for the winners.





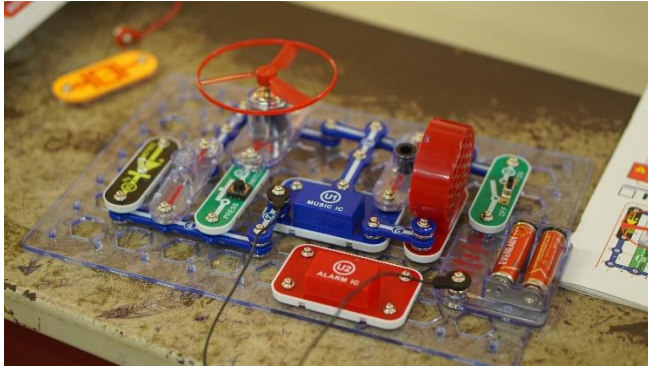
### Mastermind

Mastermind was conducted as a quiz based on Electrical domain. The event was conducted on March 1<sup>st</sup> from 10 am to 11 am. 38 students participated in the event. First prize was 500 Rs., Second prize was 300 Rs and Third prize was 100 Rs. Cash awards and certificates were given to the winners after the event.



### Snap Circuit

Snap Circuit was a circuit building competition. The event was conducted on 29<sup>th</sup> February from 10 am to 3:30 pm. The circuit kit was provided for the contestants. The contestant who completed the circuit first was selected as the winner. This competition tested the creativeness and innovation skills of the contestants. This was a student oriented program. Gifts were provided for the winners.



## Refocus

Refocus was a photography competition open to everyone. The photographer who took the best photo of Elecspire was chosen as the winner. The event was open for February 29<sup>th</sup> and March 1<sup>st</sup>. Cash Prize of 1000 Rs was given to the best photograph.

All the events was wrapped up by 4:15pm on 29/02/24. On 01/03/24, the second day of the fest, the events started by 10 am and was wrapped up by 4:30 pm. The entry ticket to our main event show costs 30 rupees.

All the events attracted a lot of audience. Arc attack and Anime Arcadia especially brought in a lot of audience. These two days of Elecspire garnered attention from a huge crowd and it enlightened them with concepts of science and especially the areas of electrical engineering.