VIDYA ACADEMYOF SCIENCE AND TECHNOLOGY, THALAKKOTTUKARA

DEPARTMENT OF CIVIL ENGINEERING

IN ASSOCIATION WITH VYVIDH '23
PRESENTS

VASTATVA 2023
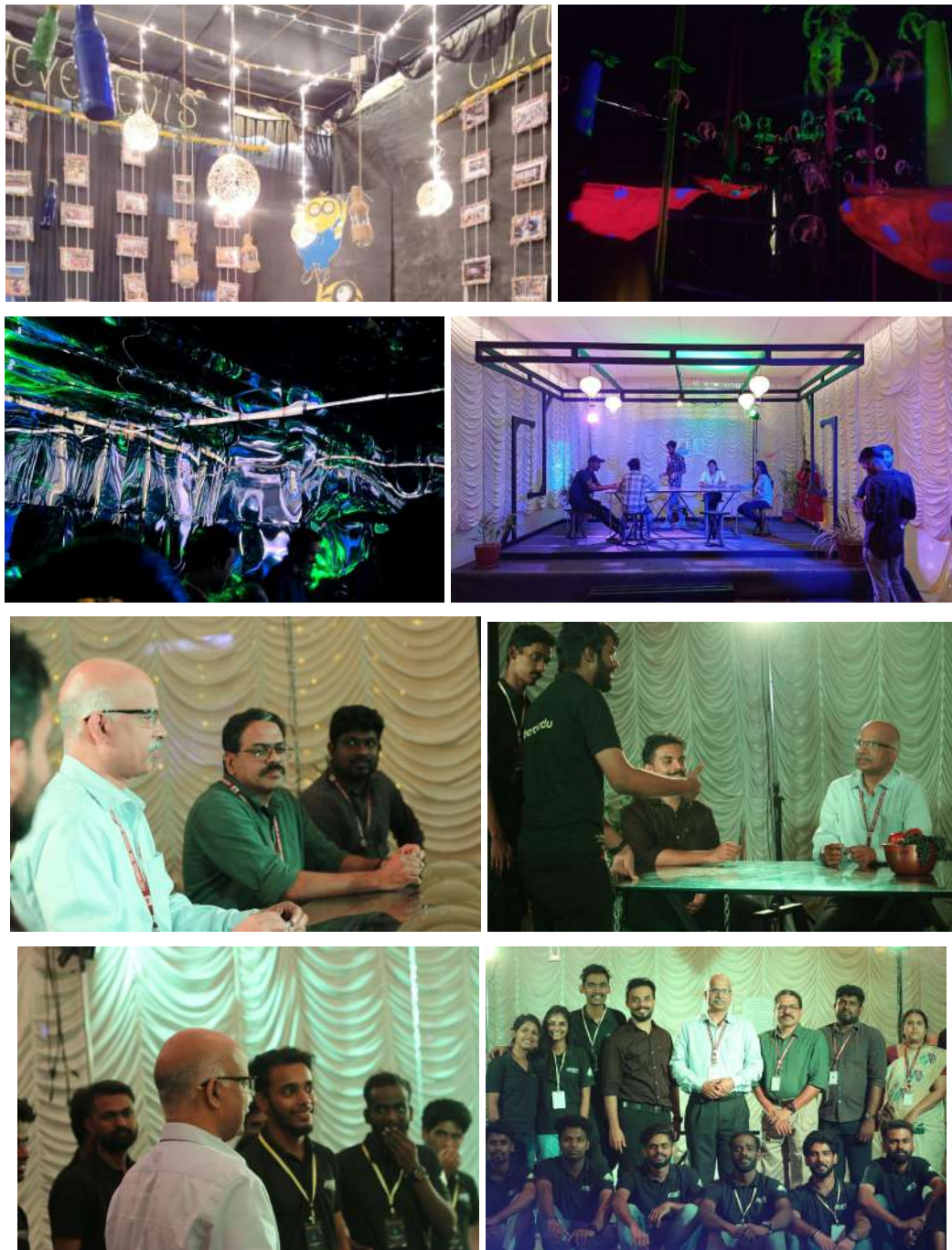
VASTATVA '23 REPORT

Introduction:
The Civil Engineering Department of Vidya Academy of Science and Technology conducted a two-day tech fest named "Vastatva" on March 17th and 18th, 2023. The event aimed to provide a platform for engineering students from various institutions to showcase their technical skills and knowledge.

Events and Pavilions:
The tech fest featured a wide range of technical and non-technical activities. The main attraction of the event was the *Vriddhi main expo*, which included a very well prepared *Department Pavilion* with placements, cultural events and other achievements of our department, the next in order was the *Inverted Forest* inverted plantain fluorescent color highlighted in dark room, then comes the *Infinity Room*, a room which covered

completely with mirrors which makes you feel that you are in an infinite room. At last the main attraction, *The Tensegrity Cafe*, a 9 feet high and 16 feet wide cafe with tables and chairs based on the same Tensegrity principle. Tensegrity structures are structures supported only by chains instead of the pillars that are normally used. What sets it apart is how it balances itself as chains and the fear of falling apart when shaken. A main structure bearing a weight of three thousand kg and a table bearing the same weight have been prepared. The middle chain supports the weight and the other chains are there for balance. All are made in completely different designs. Bridges and household appliances are made using these which are completely safe but surprising to see.

The next pavilion was *Prayaan Expo* which showcased the evolution in the field of civil engineering and also the innovative and sustainable solutions in civil engineering.It included four stages of evolution and a futuristic city. The students' hard work and dedication were clearly reflected in this expo.

Apart from the expo, the tech fest featured several technical games, such as CAD Master, Girder King, Workshop on Mixed Design, Surveyor, and Cube Cracker. These games provided a platform for students to showcase their technical skills and knowledge. The games were challenging and allowed students to demonstrate their creativity and problem-solving abilities.

- CAD Master

A CAD drawing is provided for the participants and the one who completed the replica of the given drawing first, meeting all the provided conditions, won the game. The event was conducted on the first day at 10.30 am.
Winner : Nandhan K V, S6 CE B - Rs 2000

- Girder King

Girder models are made with given ice-cream sticks and glue. The maximum load bearing girder wins the game. The event was conducted on the second day at 10.30 am.
Winner: Nandhan KV and Sreejith S, S6 CE B - Rs 2000

- Surveyvor

The participant who measured the levels of given land using a dumpy level with minimum time wins. The event was conducted on the second day at 2.00 pm.
Winner: Anna Mariya Paul, S6 CE A - Rs 2000

- Cube Cracker

The participant casted concrete cube with given materials and after 7 days, the cube with the most strength wins the game. The event was conducted on the second day at 2.00 pm. Winner will be announced after 7 days of casting.
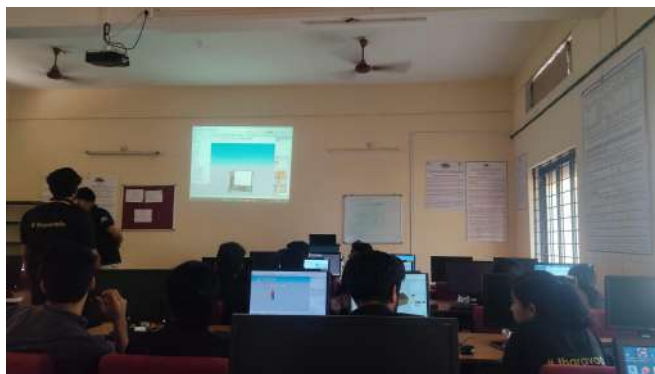
- Workshop on Concrete Mix Design

A free workshop on concrete mix design by Ms Nirmala Krishnan was conducted with full attendance. The event was conducted on the first day at 2.00 pm.

- Seminar on Introduction to Sketch Up Software

A free seminar on Introduction to Sketch Up Software by Mr Anix Samuel was conducted with full attendance. The event was conducted on the second day at 10.30 am.

In addition to technical events, non-technical events were also conducted to engage students from different backgrounds. These events included Neon Football, Spot Choreography, Face Painting, Horror House, Carnival Games, and Paintball. These events were aimed at providing a fun-filled experience to the participants and helped them to showcase their creative abilities.

- Neon Football

This is a 3s football game set within a dark room with neon lightings. The event was conducted on the first day.
Winners: Akhilandan FC- Rs 4000
Runner Up: Thilakan FC - Rs 1000

● Spot Choreography

Contestants have to spot choreography, two presongs and two songs of their wish. Judges determined the winner. The event was conducted on the second day at 2.00 pm.

Winner: Manuel Jacob - Rs 2500

Runner up: Akshay TA Rs 1000

● Carnival Games

A bunch of small games ensured maximum participation with minimal entry fee. The event was conducted on both days.

● PaintBall Arena

Participants shooted color bullets with guns wearing all safety measures. The event was

conducted on the first day.

● Face Painting

Visitors can do a painting on the body with any design they want. The event was conducted on both days.

● Horror House

A room setup which was created to experience the horror in real life for the visitors. The event was conducted on both days.

- Quad X Track

Visitors can ride on the Quad bike in the track specially made by students for this event. The event was conducted on both days.

The students did their part in the decoration too. They hand crafted many flowers and made a name board with threads.

Conclusion:

In conclusion, the Vastatva tech fest conducted by the Civil Department of Vidya Academy of Science and Technology was a remarkable event. It brought together engineering students from various institutions to showcase their technical skills and knowledge.

The tech fest was a great success and a fantastic opportunity for students to network with peers and experts in the field under the common name of Vyvidh. Overall, the event was a testimony to the efforts of the organizers, students, and faculty members who worked tirelessly to make the event a grand success. The students' hard work and dedication were clearly reflected in this fest. It was a wonderful opportunity for the participants to showcase their talents.