



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS
Kilimanoor, Thiruvananthapuram
“A Unit of Vidya International Charitable Trust”
(Accredited by NAAC with B++ Grade)

LIKHA 25 - Tech Fest (Dept. of Civil Engineering)

The Department of Civil Engineering conducted the Techfest “LIKHA 2025” in association with RACE 2025 on 20th February 2025. Department Techfest coordinator was Mr. Nithin A.V (Asst. Prof., CE). Techfest provides a platform for students to showcase one's unique talents and are important in improving the technical acumen of the young and creative minds, providing a break from the monotonous routine of evaluation and academics. LIKHA 2K25 received overwhelming responses in all its events and there were participants from polytechnic and other engineering colleges. These students were welcomed by our Director Dr.Shaji Sir and Head of the Department Dr.K.Sargunan.

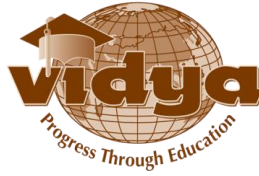
EVENTS OF LIKHA 2K25

CONSTRUCTO-25

CONSTRUCTO-25 event was conducted on college ground of VAST TC on 20th of February 2025. Mr. Lenin Babu was the staff coordinator who helped in making the event a grand success along with student coordinator Indrajith (S6 CE). A first of its kind event mainly showcased construction machineries. There was display of a bulldozer is a powerful, tracked vehicle with a large, front-mounted blade, dump trucks a most common type of hauling equipment, Excavators with Backhoe and Telehandler.

NIRMAAN: A TIMELOURVE

Nirmaan event was conducted on SB 804 on 20th of February 2025. Ms. Nayana Gopan was the staff coordinator who helped in making the event a grand success along with student coordinator Aromal S (S8 CE). Students made still models and working models of based traditional building



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practices and diverse civil engineering structures. The expo included models of traditional buildings, types of construction materials and equipment, types of footings, generation of building, light house and London Bridge. The model of London tower bridge done by S4 CE students was the main highlight as it was a working model done in collaboration with S4 ECE students. Our students made different types of footings by concrete casting along with their Skelton. There was display of construction materials like cement, sand, aggregates, fly ash, GGBFS etc., and construction equipment like trowel, vibrator. Generation of building is a project done S2 CE students. This event showcased the models from old thatched house to modern multi-stories buildings.

BUILD-OFF:

BUILD-OFF was one of the main projects showcasing the modern structures and construction practices, which was conducted on SB 804. Ms. Anjali Shaji was the staff coordinators who helped in making the event a grand success along with student coordinators Alfiya (S8 CE) and Jesna Fathima (S4 CE). The expo included student models like Eco Metropolis 2.0, Cable suspended bridge, cross section view of a plan of a residential building and sustainable habitats by S2 CE students.

ECO VISTA 2.0

The Eco Vista 2.0 event highlighted the beauty and structural perfection of bamboo works and project related to Environmental Engineering and was conducted in SB 805. MsAdheena V S was the staff coordinator who helped in making the program a grand success along with student coordinators Adarsh (S4 CE) and Harsha of S8 Civil. A bamboo hut and a sustainable bamboo bridge using locally sourced bamboo transcends aesthetics to engage students and visitors. A working model water treatment plant was displayed by S4 CE Students.



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HYDROSTRUCT

The HYDROSTRUCT event highlighted the student’s models related to hydraulic structures and was conducted in SB803. Ms. Pooja M Vijay was the staff coordinator who helped in making the program a grand success along with student coordinators Fayas (S6 CE) and Navneeth of S4 Civil. Aqueduct model was displayed by students. Dams were made by using concrete. Proper curing time was given for the setting of concrete. It was really a massive and attractive structure. Along with dam, aqueduct was made out of wooden boards. The hard work done by students was clearly visible on the structure and gained immense appreciations for its perfection. Another major structure constructed was working model of stepped spillway, that astonished the minds of audience by it’s structural perfection.

MARGA

The Marga event was based on advanced transportation systems and methods was conducted on SB 802 and Ms. Rini Madhav Rajeev was the staff coordinator who helped in making this program a grand success along with the student coordinator Sarath (S6). The event showcased life size model of a railway station platform by S6 CE students with ticket counter, track and signal systems. The models were built from scraps and sustainable materials. S4 CE students build a road intersection with roundabouts and flyovers displaying their knowledge and skills in transportation engineering. A model of different transportations modes were also displayed by S6 CE students where they shown bridge, road and tunnel passage.

BUILD-VR

The Build VR event was based virtual reality in building modelling and simulation and methods was conducted on SB 805 and Ms.Midhila M was the staff coordinator who helped in making this



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program a grand success along with the student coordinator Anuja Babu (S8). This event attracted all age groups from school students to senior faculties as it showcased 3D walk-through of seven wonders of modern world.

CAD-PUZZLE

One of major highlight of LIKHA 25, was the participation of diploma final year students in various inter-college events. The Cad-puzzle, an inter-college building plan jigsaw puzzle event was conducted on SB 806 at 10.00 am. Ms. Pooja M Vijay was the staff coordinator who helped in making this program a grand success along with the student coordinator Nikhil P S (S6). There were 14 participants from various polytechnic and B.Tech colleges and Rafna Basheer of SNPTC Kottiyam secured First Prize and Geethu M Nair of S4 CE VAST TC secured second place. Both were rewarded with cash prize and all participants received certificates from the Department of Civil Engineering.

CAD-MANIA

The Cad-mania, an inter-college Autocad competition event was conducted on CAD LAB ME at 11.00 am. Ms.Adheena V S was the staff coordinator who helped in making this program a grand success along with the student coordinator Mubarakali (S6). There were 18 participants from various polytechnic and B.Tech colleges and Gopika R S of SNPTC Kottiyam secured First Prize and Aneesh A of MGMPTC Kilimanoor secured second place. Both were rewarded with cash prize and all participants received certificates from the Department of Civil Engineering.



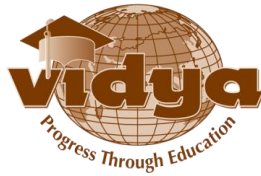
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FUN ZURA 2.0

The games corner was set up in the Boy’s Common Room, SB815. It was really active on both days of tech fest. The staff coordinator Mr. Lenin helped us in making the event a grand success along with the Student coordinator Joji (S8 CE). Many school students participated in the games set up in the zone and got variety of gifts.

EVENT GLIMPSES





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EVENT POSTERS

