DEPT of ELECTRONICS & COMMUNICATION

Staff Co-ordinator: Ms VANDANA M (Asst Prof, ECE Dept)

Student Coordinator: SANDRA J , ARJUN K (S8, ECE Dept)

Department of Electronics and Communication in association with Vyvidh 2023 were able to conduct a magnificent and rich Technical Festival on March 17th and 18th, to uphold the pride and status of the department and Vidya Academyof Science andTechnology.

It was a privilege on behalf of the department to be able to conduc t'The tuners expo HAULINTORQUE and 'ROBOTIC HACKATHON-LIGAROBOTRIX'3.0',and make a mark for the everlasting commitment of the department on encouraging further research and enthusiasm inthefield of Robotics and Automobiles.

It is with immense honor that we thank all the Coordinators, staff and students for their dedication andhardworkto make this eventa spectacleof success!
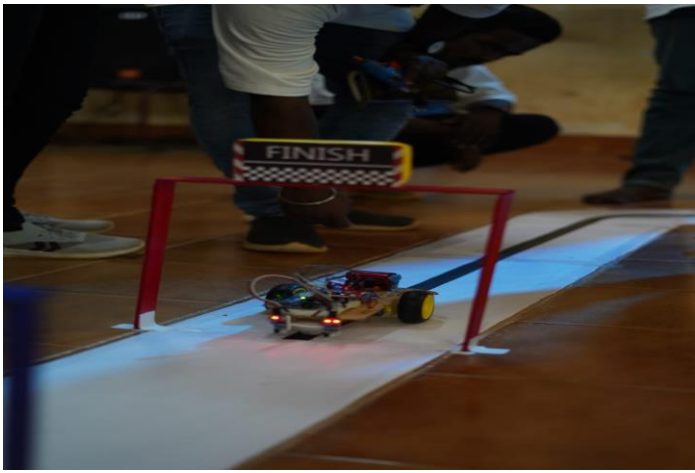
LIGAROBOTRIX3.0

The event comprises a set of task and participants has to built the robot according to it. Each task is designed as easy, medium,difficult and points for the same are allocated. The task completion and designing of the robot is analysed and the winner is decided.

Winners –First prize – Britto sunny and team
Second prize – Dijith C B and team
Third prize – Kannan suresh and team

HAULIN'TORQUE

"ADVANCEMENTSIN ELECTRONICS INAUTOMOBILESECTOR(TUNERSEXPO)"

Department of Electronics and Communication at Vidya Academy of Science and Technology presented an experience to study and participate in the latest advancements in the field of auto-tuning and the role of ELECTRONICS in the auto mobile sector. This focus onlive showcasing of ECU tuning and remapping of Automobiles. Aims to familiarize people with ECU and how Electronics play a great role in the Automotive industry.
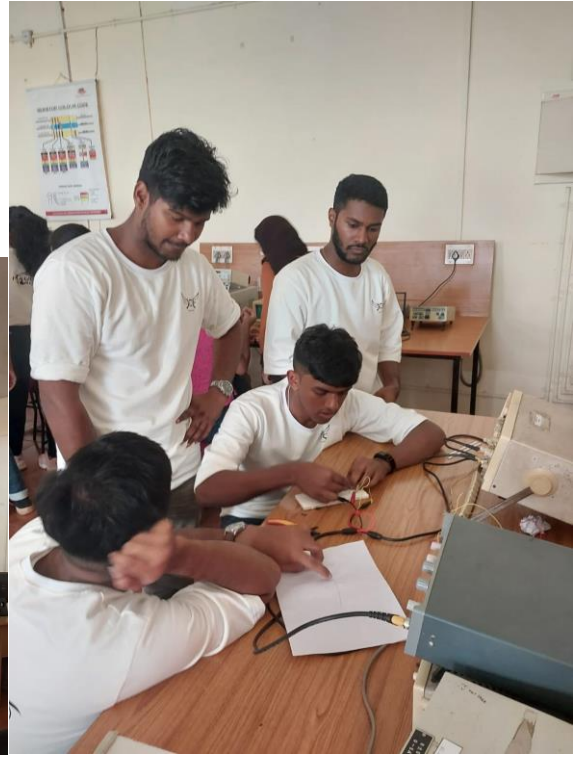
VRGAMES

"WORLD OF VIRTUAL & AUGMENTED REALITY"

TheprogrammewasanaudienceattractionpointduetotheuniquenessofVirtualRealityandAugmentedReality especiallyinIndia.TheeventwasorganisedbyKoorans,Ernakulam.Theaudiencewas introduced to a world of Virtuality using state-of-the-art equipment available in the market. Augmented Reality was exhibited in projectors and allowed the audience to feel this technology and click pictures to souvenir the moment.

CIRCUTRIX: "DEBUGGING CIRCUITS"

This technical event is exclusively conducted every year by the Department of E.C.E. and it challenges the designing and debugging skills of circuit students.Circuitrix is all about circuits and electronics. It is a platform for all electronics enthusiasts to exhibit their skill against the best in the specialization. Circuitrix is an event which will test a participant's knowledge on the basics of electronics and build a base in this field. The Team of 4 members have to solve the given wrong circuit in a allotted time

TREASURE HUNT

Treasure hunt mainly includes 4 stages with a series of tasks. The team of 4 Members will follow the clues and finally reaches the treasure. The team reach each clue and solve a series of electronic related task and move to next clue. Team complete the task with least time will be the winner.

SCAVENGER HUNT

It is a game in which the winner reaches the final envelop by solving various parallel and series combination circuits. The Team of 4 members can manually solve the circuit. After successful completion of task the team member receive each part of password to the envelope. The team open the envelope with the least time will be the winner. First and second prizes were awarded to teams from Vidya Academy of Science and Technology.

X86

Full PC teardown showcase all components inside computers with a PC building simulator. Also a competition where participants can build PC using the simulator

ROBOTICS SUPER LEAGUE

A Robot football competition where custom made robots face off each other for the ultimate glory.

LABYRINTH

The Ultimate Maze Runner event where participants must find their way out of a haunted maze filled with clues which unlocks a series of doors leading to the final checkpoint to win the game.

DRONE STORM

Exhibition and showcasing of Drones and technologically advanced UAVs and display of its flight and manoeuvrability.

DEPARTMENTPAVILLION

TheElectronicsandCommunicationDepartmenttookittotheheartoftheobjectivetoplanandexecutethe Department Pavillion with a lot of creative and innovative implementations. Each class wasprovided with certain areas and resources in the South Block to develop their designs. As expectedeveryclassexpressedgenuinespiritstomaketheirrespectiveareas/corridorscreativeandamazingt hanoneanother's.

Thedepartmentachievements,excellentresultsandplacementswereexhibitedasaformofappreciationtoth eeverlonghardworkingstaffandstudents.Variouslightingeffects,NeonWorldandFun&Gameswere alsoexhibited

COURTESY: