

robotics

THE OFFICIAL ROBOTICS CLUB OF VIT

Academic Year 2021-2022

A photograph of a large, modern, multi-story building with a blue and white facade, likely a VIT campus building, set against a clear sky. The building is surrounded by greenery and a body of water in the foreground.

VELLORE INSTITUTE OF TECHNOLOGY

VIT Vellore, established in 1984, is one of the top private universities in India. The institution strives for excellence in research, quality of education and student welfare. In August 2019, the Indian government declared VIT as an Institute of Eminence. With students from over 60 countries as well as from every state in India, VIT ensures every individual benefits from education, grounded in ethics and critical thinking, for improvement of life.

roboVITics

The Official Robotics Club of VIT



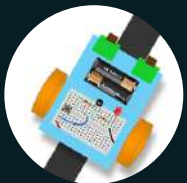
We, at RoboVITics, are a group of ardent tech enthusiasts with the zeal to learn, a forte to build and the thirst to be the best. Being the official robotics club of VIT, Vellore, our mission is to assist the budding roboticists in building projects and finding their niches by organizing various hands-on workshops, seminars & practical sessions. We collaborate on some incredible projects and nurture glorious teams that have several accolades to their name.

"Innovation is when Imagination meets Ambition"



MACHINE DESIGN

For all those who aspire for to create an artistic yet functional design, Machine Design with Fusion 360 is the perfect stage to learn. With an opportunity to interact with a great community of Fusion 360 designers and CAD experts who teach them the latest features of CAD designing, participants learn to design while our experts quench the curiosity budding in their minds.



Hands On Robotics, our annual workshop, provides young minds with an opportunity to learn the basic skills needed to design fully functional and the most stimulating mobile Arduino Robots. We bring forth a platform to build robots, like line follower, obstacle avoider and computer-controlled bots operating on different types of sensors.

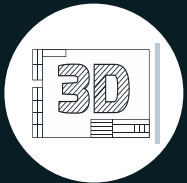


HANDS-ON-ROBOTICS



COSMOS 360

Cosmos360 is RoboVITics' mind-engaging design hack organized during Gravitas. The participants from all over the nation design in this two-day design hack using Fusion360. They work on unique problem statements and turn their cosmic imagination into reality. The participants get to indulge and become more proficient in their skills.



Vortex 360, powered by AutoDesk, is a CAD modelling hackathon. 'Design is nothing but thinking made visual & intelligence made visible'. With this hackathon We intend to encourage the designers to unleash the vortex of ideas within them & take them to another level by reframing their thoughts into unique and efficient designs.



VORTEX 360



ROBOWARS

Robowars, the flagship event of Gravitas, is an immense power-packed battle of bots that is sure to give you an adrenaline rush. Participants from all over the globe gather here to show off their fighting spirits and attain victory with their war machines.

15kg

30kg

60kg

WEIGHT CATEGORIES



36hr



Equinox offers its participants a platform to express their grit and zeal to create something inspiring and bring their imagination to life and come up with avant-garde solutions. All of this is bundled with resources, mini-workshops and mentors to guide the hackers in innovating and creating the next big breakthrough.



EQUINOX

KARTAVYA

We believe that it is our duty to give back to the society and we rise only by lifting others. Through our outreach initiative, Kartavya, we aim to impart knowledge to as many young minds as possible. We visit orphanages and teach hundreds of eager children. It is our mission to untap their hidden potential through fun activities, with the hope that it will help them build a better future for themselves.



OUR SPONSORS



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