



**Department of Electrical, Electronics & Communication Engineering  
GITAM School of Technology  
GITAM Deemed to be University  
Hyderabad**

(Estd. u/s 3 of the UGC Act, 1956)  
NAAC Accredited with 'A+' Grade  
Rudraram, Patancheru Mandal, Sangareddy District - 502 329, T.S., India

**Department of Electronics and communications engineering  
News Letter**

**Jan- June 2023**

**Department of Electrical, Electronics and Communications Engineering**

On Jan 12, 2023 Department of Electrical, Electronics and Communication Engineering organized a guest lecture on "Role of VLSI and automobiles in shaping India's future prospective job opportunities". The speaker was a Mr. Preet Yadav. He is from NXP Semiconductors. The number of participants are 59 students.



The HAVANA Tech Fest 2.0, a national-level inter-collegiate technical fest held at GITAM Hyderabad on the 15<sup>th</sup> and 16<sup>th</sup> 2023, is a testament to the convergence of innovation, technology, and collaboration. Held under the esteemed presence of Chief Guest Dr. Sathish – Scientist at RCI , and under the valuable patronage of Prof. Rama Sastry Vedala – Dean, core engineering, director of GST Hyd, Prof. T. Madhavi – HoD of EECE, Mr. M Naresh Kumar - Faculty Coordinator & Convenor of HAVANA, and this two-day extravaganza unfolded with a grand inauguration ceremony, setting the stage for an immersive journey.

HAVANA 2023 has conducted various Events such as;

- PROJECT EXPO
- ROBO RACE
- DRONE COMPETITION
- E-SPORTS
- ROBO SOCCER
- 24-HOURS HACKATHON
- QUIZ COMPETITION



The HAVANA Tech Fest 2.0, a national-level inter-collegiate technical fest held at GITAM Hyderabad on the 15<sup>th</sup> and 16<sup>th</sup> 2023, is a testament to the convergence of innovation, technology, and collaboration. Held under the esteemed presence of Chief Guest Dr. Sathish – Scientist at RCI , and under the valuable patronage of Prof. Rama Sastry Vedala – Dean, core engineering, director of GST Hyd, Prof. T. Madhavi – HoD of EECE, Mr. M Naresh Kumar - Faculty Coordinator & Convenor of HAVANA, and this two-day extravaganza unfolded with a grand inauguration ceremony, setting the stage for an immersive journey.

HAVANA 2023 has conducted various Events such as;

- PROJECT EXPO
- ROBO RACE
- DRONE COMPETITION
- E-SPORTS
- ROBO SOCCER
- 24-HOURS HACKATHON
- QUIZ COMPETITION

### **Project Expo: A Showcase of Innovation and Excellence**

The Havana 2.0 Project Expo served as a dynamic platform, bringing together teams from various states and institutions to showcase their innovative skills across diverse domains. The event highlighted groundbreaking projects, where students demonstrated exceptional creativity, technical expertise, and problem-solving abilities. Through their innovative solutions, participants exhibited a deep understanding of emerging technologies, reinforcing the spirit of research, collaboration, and innovation.



### **Robo Race: An Exciting Showcase of Agility and Engineering**

The Havana 2.0 Robo Race witnessed enthusiastic participation from numerous teams, each showcasing their meticulously designed robots. The event captivated audiences as the robots navigated the designated pathway, overcoming obstacles with remarkable agility and precision. The competition highlighted the participants' technical expertise, innovation, and problem-solving skills, making it an exhilarating experience for both competitors and spectators.



### **Drone Competition: Demonstrating Precision, Innovation, and Expertise**



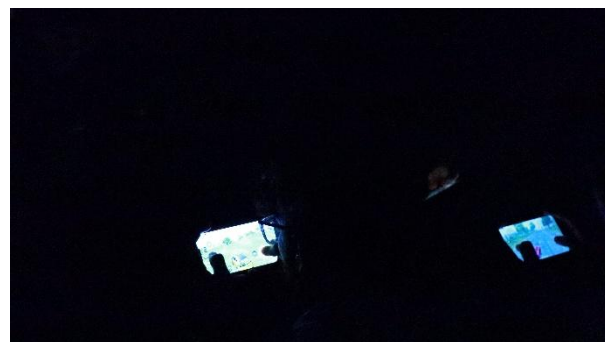
The Havana 2.0 Drone Competition brought together talented students who showcased their innovative drone designs and piloting skills. Participants maneuvered their drones through a designated pathway, successfully navigating four critical checkpoints before reaching the endpoint.

The competition's essence lay in speed and accuracy, with the drone completing the course in the shortest time being declared the winner. This exhilarating event underscored the participants' technical expertise and creativity, showcasing their ability to integrate innovation with precision.



### **E-Sports Tournament: An Electrifying Two - Day Gaming Battle**

The Havana 2.0 E-Sports Tournament spanned an exciting two days, featuring a series of competitive gaming events. Students from diverse backgrounds came together to showcase their exceptional gaming skills, competing fiercely across various rounds. Their strategic thinking, quick reflexes, and team coordination were put to the test as they battled for victory, making the event a thrilling experience for both participants and spectators. The tournament highlighted the growing popularity of e-sports and the remarkable talent within the student community.



### **Robo Soccer: Merging Robotics with Sports**

The Havana 2.0 Robo Soccer event brought an exciting twist to the soccer field as students showcased their innovative bots designed to compete in a thrilling match. Two bots faced off in a dynamic contest, skillfully maneuvering to score goals and outwit their opponents. The event combined technology with the thrill of soccer, as teams demonstrated not only their engineering expertise but also strategic thinking in directing their robots.



### **24-Hour Hackathon: A Test of Innovation and Endurance**

The Havana 2.0 24-Hour Hackathon provided a dynamic platform for students to tackle real-world challenges with creativity and precision. Over an intense 24-hour period, participants worked tirelessly on diverse problem statements, developing innovative solutions through both software and hardware prototypes. The event tested their ability to think critically under pressure, collaborate effectively, and apply their technical skills to solve complex problems.



## Quiz Competition: A Showcase of Knowledge and Quick Thinking

The Havana 2.0 Quiz Competition was a thrilling intellectual challenge that brought together sharp minds from various institutions. Participants showcased their knowledge across diverse topics, engaging in a battle of wits and quick thinking. The competition tested their ability to recall facts, think critically, and strategize under pressure, making it an exhilarating experience for both contestants and the audience. The event celebrated the spirit of curiosity and learning, encouraging participants to push their intellectual limits. It left a lasting impression on all who attended, highlighting the importance of knowledge and intellectual engagement.



On April 5<sup>th</sup>, 2023 Department of Electrical, Electronics and Communication organized a national level IoT Hackathon called TechEquinox. The resource persons are Mr. Narayana GPL Former Vice President and Chief Scientist, TCS. Mr. Sridhar Aranala Vice-President The Hindu. The session was attended by 63 students.



Inaugural event of TechEquinox, a National-level IoT Hackathon



Prize distribution of TechEquinox, a National-level IoT Hackathon



Participants in hackathon event

