

IoTics

IoTics, the **IoT and Robotics wing** of Indian Institute of Information Technology, Nagpur, dedicated to fostering innovation and awareness in the field of IoT and Robotics. Founded in 2021, the club has since grown to become a vital part of the college community.

IoTics is driven by a passionate community of students and faculty advisors who share a common vision of harnessing technology to address real-world challenges. The club operates on a fundamental principle of **experiential learning**, empowering its members to gain practical insights into the fields of IoT and Robotics, and then share their knowledge with the fellow members. The club believes in the power of peer education, where members teach and learn from one another, fostering a collaborative and supportive environment for growth and exploration.

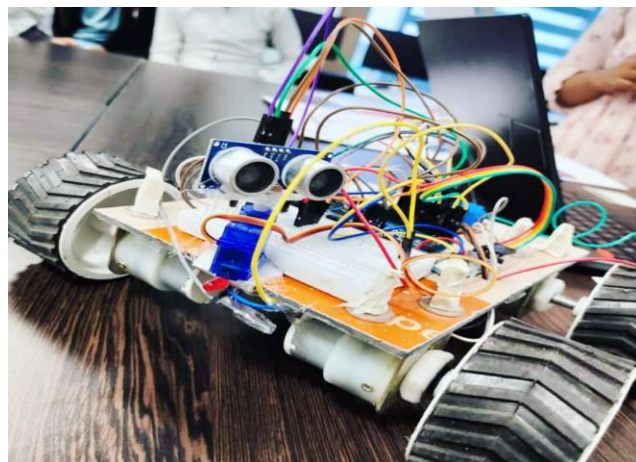
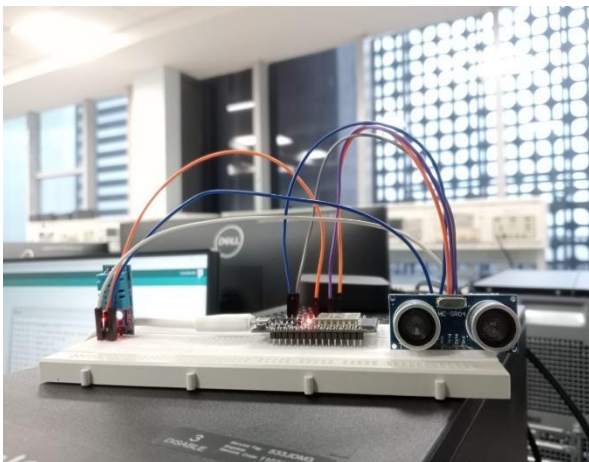
The club conducts a variety of initiatives, including workshops, seminars, and hands-on projects, these activities not only provide a platform for theoretical knowledge but also serve as a testing ground for innovative ideas to materialize. IoTics thrives on the shared spirit of exploration and discovery that each member brings to the table. The club is led by its head, who oversees its operations. In the club head's absence, decision-making authority is entrusted to the co-lead. Additionally, we have a dedicated team responsible for initiating and coordinating technical projects within the club.

Events /Activities

At TantraFiesta, we host several exciting events:

- **Robo Rumble:** This event challenges teams to navigate RC cars through a demanding obstacle course designed to test the robots under various conditions.
- **Bytecraft: AIoT Challenge:** Teams are tasked with creating innovative projects that blend IoT and AI, pushing the boundaries between imagination and reality. The project with the most impressive application and creativity wins.
- **Trail Tracer:** In this competition, teams develop bots that must follow a dark line on a light surface as quickly as possible, manoeuvring through loops, curves, and tricky intersections. This event promises a thrilling and fast-paced experience.

Photos:



Annual Plan

We are committed to fostering a culture of IoTics within our college by organizing a series of workshops aimed at all junior students. These workshops will provide valuable insights and hands-on experience in IoT and robotics. At the end of the year, we plan to host an exhibition to allow participants to showcase their projects and talents, highlighting the skills and innovations developed throughout the year. In addition, we will collaborate with various college clubs to host a hybrid event, enhancing the experience for all involved. Our ongoing projects will serve as a continual source of inspiration and motivation, helping to build a robust culture of IoT and robotics within the college community.

Social Media Handles

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