



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

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IGNITTRON022**NBA Accredited**
(CSE, ECE, EEE,
MECH, CIVIL)**IGNITTRON - RC ROBO& BOAT RACE**

Event No	IGNITTRON022
Organizing Department	Ignittron Clubs
Associate Dept. NSC	Anti-Ragging Cell
Date	21/01/2023
Time	09:30 AM to 03:00 PM
Event Type	Club Activity
Event Level	Institute
Venue	near bosh lab & backside of ARC club
Registration Link	https://rb.gy/wctgsz
Total Participants	152
Faculty - Internal	2
Students - Internal	150

Related SDG**Involved Staffs**

Sl	Name	Role
1	Udhayakumar N	Convenor
2	Arivazhagan Selvam	Co-convenor

Outcome

ARC club of Ignittron vision is to make students upskill their knowledge in aviation and robotics. From that point of view, events were framed. On Ignittron'23 RC boat and robot, the race engaged participants to create awareness of this event and learn terminologies to build and control effectively to cross all riddles. Participants learned the functions and processes of RC boats and robot races. Certificates provided physically

Event Summary

RC robot and boat race, the most expected event on Ignittron'23 started at 10:00 AM and engaged till 2:30 PM. Both events went so well, students actively participated. Nearly 150 students take part in this event and give their best performance to complete the event task. The RC boat race was conducted at the back side of the Mechanical department. In the RC boat race, participants were provided with a running model of a boat to control effectively and complete the task. Meanwhile, the RC robot race was conducted at the back side of the ARC lab, participants controlled the robot model and enjoyed learning about their working model. An RC (radio-controlled) boat event typically involves participants racing small boats that are controlled remotely using radio transmitters. The boats can be powered by various means such as electric motors, gas engines, or even wind power. The boats can vary in size, shape, and design, and the races can take place on various bodies of water such as lakes, ponds, or even swimming pools.

A Robo Race, on the other hand, is a competition where participants race small, autonomous robots against each other. The robots can vary in design and size, but they must be able to navigate a course without human intervention. The course may include various obstacles, and the robots are typically programmed to make decisions and navigate the course using sensors and other technology. The event can occur in indoor or outdoor arenas, on tracks, or in arenas set up specifically for the event. Both events went parallelly and were successfully completed. KPRIET faculty, Mr.Arivazagan, and Mr. Xavier Richards act as Jury of this event and played vital roles in this event. Winners and runners were selected based on the event guidelines, their control manner, and certain factors related to RC boat and Robot race norms. In the RC boat race, Mr.Sownesh and Mr.Prasana Kumar were badged winners and runners. In the RC Robot race, Mr. Naveen Kumar and Mr.Sriram.V were badged winners and runners.



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