

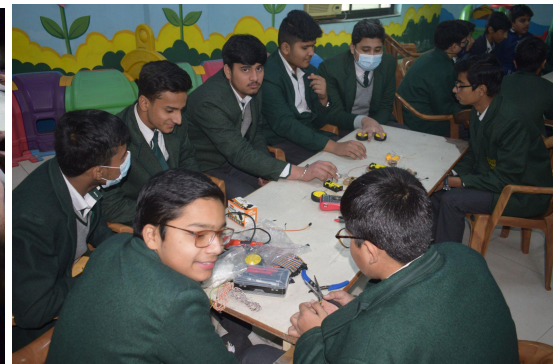


Marine Technology Society, Autonomous Underwater Vehicle Club, ZHCET, AMU (MTS AUV-ZHCET) conducted App Controlled Car Workshops with huge success and received amazing response from the students who participated in great numbers. The workshop was designed to provide hands-on, interactive learning opportunities for students to explore the concepts of core electronics and mechanical engineering concepts and how it can be applied to model cars. Our goal was to provide an educational experience that was engaging, informative, and fun, and we are thrilled to say that the workshop exceeded our expectations in every way.

We held the workshop with 3 different target audiences:-

1. Delhi Public School (DPS), Tala Nagri, Aligarh (23rd January):

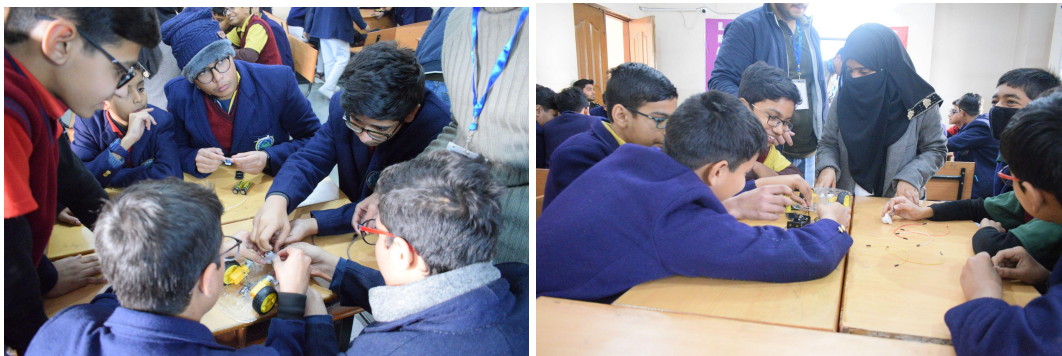
Workshop was held for boys and girls belonging to classes 8th-10th in the presence of Ms. Rajani Singh, Principal, DPS Civil Lines Aligarh Fraternity. The students were briefed about the various components involved in the assembly of an App Controlled Car such as Motor Driver, Batteries, ESP8266WiFi module etc. The students demonstrated a strong understanding of the concepts covered, and were eager to continue learning about app control technology and its applications. This was held in groups of 5 students with an instructor assigned to each one of them. There were a total of 12 such groups. We wrapped up the session with a short quiz based on the briefing given earlier during the assembly of bot. Students answered with enthusiasm and showed great interest in knowing more about the technology involved.



2. Al-Barkaat Public School Boys Section (28th January):

The workshop was organized for students from 6th to 9th grade boys. In a similar manner the workshop began with a presentation based on Robotics, Marine Technology and Automation; it covered aspects of how young students with a zeal to learn can access resources and build their interests in the above mentioned field. This was quickly followed by a basic explanation of the electronic and mechanical components involved in the assembly of App Controlled Car. The instructors who led the workshop were highly knowledgeable and experienced in the field of app control technology. Their ability to explain complex concepts in a clear and concise manner was evident from the start, and their approachable and supportive demeanour made the students feel at ease and eager to learn. They provided one-on-one support and guidance as students worked through the various stages of building and programming their app-controlled cars, and encouraged them to take risks and try new things.

Last but not the least students were familiarised with the concepts of drone and how the knowledge gained during the workshop can be further enhanced and implemented to higher technologies.

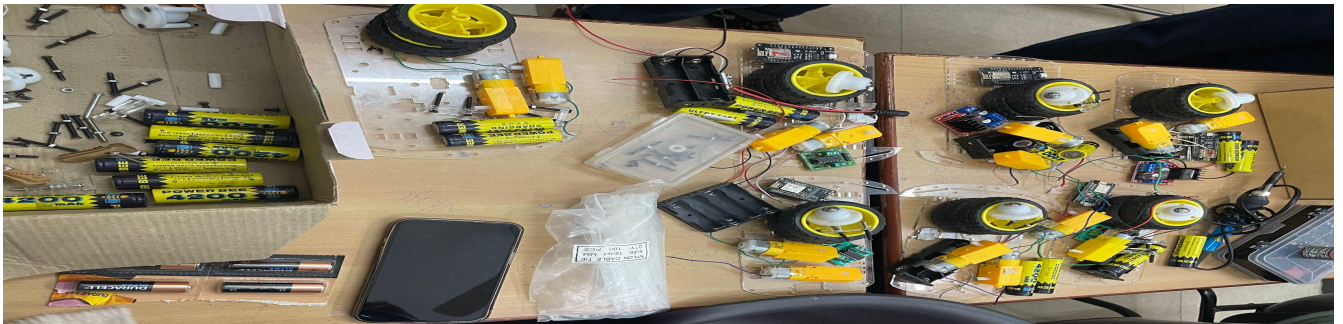


3. Al-Barkaat Qadiria Girls Section (30th January):

This time the workshop was arranged for 6th to 9th grade girls of the school. The event was a great success and I received positive feedback from all of you. The workshop started with an insightful presentation on Science Technology Engineering Mathematics (STEM) followed by basics of Robotics, which provided an overview of the latest developments and advancements in these fields. This was followed by a practical assembly of the bot, where they had the opportunity to assemble and understand the components of a robot. The hands-on session was the highlight of the workshop, as they got to apply their knowledge and see the bot in action. We were impressed by the enthusiasm and engagement during this session. We also had a question and answer session, where the students had the opportunity to ask questions and clarify any doubts they had. This session was very interactive and we all appreciated the insightful questions and comments that were raised. The session was wrapped up with a short quiz based on the outcome of the workshop and a certificate and medal was provided to the highest scorer, this encouraged students to pay attention during the presentation, ask doubts and clear their concepts during the course of the workshop.



The materials and tools provided were of high quality, and the students were able to work effectively and efficiently. The small group format allowed students to collaborate and share their knowledge with one another, while also providing ample opportunity for individual instruction from the instructors. The students were highly motivated and engaged, and it was clear that they were eager to learn and explore the concepts covered in the workshop.



Throughout the workshop, we received positive feedback from both students and teachers. The teachers appreciated the hands-on approach and the opportunity for their students to explore technology in a fun and interactive way.

In conclusion, the App Controlled Car Workshop was a resounding success and received amazing response from the students who participated. Our instructors did an excellent job of engaging the students and providing a valuable learning experience, and the students were highly motivated and engaged throughout the workshop. We are proud of the work that we put into making this workshop a reality and are already looking forward to our next opportunity to bring hands-on technology education to students. We believe that workshops like this provide a valuable opportunity for students to explore and learn about technology in a hands-on, interactive way, and we are committed to providing similar educational experiences in the future.

Thank you
Team MTS AUV-ZHCET