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Press Release

Aligarh, December 8: Today when the world is thriving to implement innovative technologies in the mobility sector, electric vehicles fit in to be the future means of transport. Team Green Warriors of the SAE ZHCET Collegiate Club, Zakir Husain College of Engineering and Technology, Aligarh Muslim University has taken a step in this direction by designing an ergonomic, efficient and powerful Hybrid Vehicle.

Participating in its first offline event post-COVID, the team performed magnificently competing amongst reputed institutions like IITs, NITs and other Central Universities at the EFFI-CYCLE 2022 held at the Lovely Professional University, Punjab. The team brought laurels to the university being awarded with **The Best Innovation Award** for their design.

"The team designed a 3-wheeled environment friendly vehicle powered by human and electric drivetrain. The vehicle consisted of a drowsiness alert system which can prevent accidents that are caused by sudden unconsciousness or drowsiness of drivers while driving. The team implemented this system with the help of an open CV, Raspberry Pi, and Pi Camera Module. The vehicle also has various other ADAS systems like Anti-theft system, reverse parking assist, mini-computer, speedometer, navigation, etc." said the captain, Shadab Khan.

"The team members namely Shadab Khan (Captain), Iram Abid (Vice-Captain), Ahraz Shamim (Manager), Kshitij Gupta (Treasurer), Sarim Khan (Business Lead), Pratyush Kaushik (Electronics Lead), Mirza Ahmed Beg, Mayank Awasthi, Mohd Munazir Mairaj, Mohammad Afzal, Mohd Sharib, Zoya Ahmad, and Saumya Agrawal (Volunteer) worked hard throughout the event." said Mr. Nafees Ahmad, faculty advisor of the club.

"The reason for the team's success was its dedication and hard work with consistency", said Dr. Syed Fahad Anwer, the faculty advisor of the SAE ZHCET Collegiate club, while congratulating the team.

"This achievement has definitely encouraged the students of the college to explore the realm of electric mobility with more interest and curiosity. The efforts have rewarded the team and we are sure of having more of such accolades in the future." mentioned Prof. M. Muzammil (Chairman, Dept. of Mechanical Engineering) while congratulating the team.

The team is grateful to its faculty advisors, Mr. Nafees Ahmad & Dr. Syed Fahad Anwer, and seniors for their constant support throughout the course of the competition.



Arquam Hashim Siddiquie
(Chairperson)
SAE ZHCET Collegiate Club



Nafees Ahmad
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