

**FACULTY ADVISOR**  
**NAFEES AHMAD II****CHAIRPERSON**  
**ARQUAM HASHIM SIDDIQUIE****FACULTY ADVISOR**  
**DR. SYED FAHAD ANWER**

Date: 13-07-2022

**Press Release**

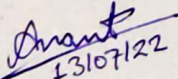
**Aligarh, July 13:** While the automotive sector has started to witness a switch to cleaner and eco-friendly alternatives of power generation, Team ZHCET Formula Racing EV of SAE ZHCET Collegiate Club, Zakir Husain College of Engineering and Technology, Aligarh Muslim University has taken a step in this direction by designing an ergonomic, efficient and powerful Formula-Student Electric Car. Competing among reputed institutions like IIT Madras, IIT Guwahati, IIT Kharagpur, IIT Goa, IIT (ISM) Dhanbad, VIT and other foreign teams at the 6th Annual FSEV Concept Challenge (Pi-EV 2022), the team bagged 13<sup>th</sup> rank (overall), 9<sup>th</sup> rank in Procurement Strategy, 12<sup>th</sup> rank in Engineering Design, 12<sup>th</sup> rank in Software & Intelligence Integration, and 17<sup>th</sup> in Team Management.

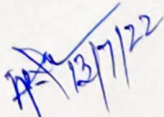
The vehicle is incorporated with a power transmission mechanism to improve the driving experience as well as a driving assistance system which consists of sensors like accelerometer, gyroscope, magnetometer sensors and digital speedometer using Raspberry pi. A well-equipped battery system using Orion Battery Management System capable of data acquisition will help the team to improve its future design and a cooling system designed to make battery and motor sufficiently cooled, proved to be a tough competitor to the other teams.

“The team members namely Syed Imaduddin (Captain), Syed Taimoor Ali (Vice-Captain), Abhishek Kumar (Manager), Md Ashraf (Technical head), Haisam Khurshid, Fawwaz Bin Tasneem, Mohd Saif Usmani, Ammar Salman, Faraz Khan, Shahil, Mohammad Areeb Siddiqui, Md Athar Zaid, Mohd Rehan, Mohd Ahad, Syed Haider Ali, Mohd Areeb, Mohd Saif, Abdul Rehman, Abu Athar, Ali Hesham Raza, Mohd Zeeshan Khan and Mohd Asad worked hard throughout the event.” said Mr. Nafees Ahmad, faculty advisor of the club.

“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.

  
ANANT AGARWAL  
(VICE CHAIRPERSON)  
SAE ZHCET COLLEGIATE CLUB

  
NAFEES AHMAD  
(FACULTY ADVISOR)  
SAE ZHCET COLLEGIATE CLUB