

Achievements

2019-2020

Department Achievements

1. The Kerala State Council for Science, Technology, and Environment (KSCSTE) recognized and recommended a student's project titled **Design, analysis, and fabrication of Solar panel system for reduced Land usage** from the Department of Mechanical Engineering for financial support of Rs 10,000/-.

	Asst. Professor NIDHEESH-P supervised the project.
	Mr. Adithya R Pradeep, Mr. Emmanuel Joy Martin and Mr. Gautham S are the student investigators

2. The Kerala State Council for Science, Technology, and Environment (KSCSTE) selected and recognized a student's project titled **Fabrication of natural fiber reinforced polymer composite** from the Department of Mechanical Engineering for financial assistance of Rs 10,000/-.

	Asst. Professor Ritwik A supervised the project.
	Mr. Abhishek, Mr. Adhithyan V and Mr. Adwaid are the student investigators

Students Achievements

Mr AJAI V K PILLAI, a sixth-semester Mechanical Engineering student, bagged the Third position in the 60 Kg. category in **Senior District Body Building Championship** organized by District Body Building Association, Kottayam held on 1st February 2020.



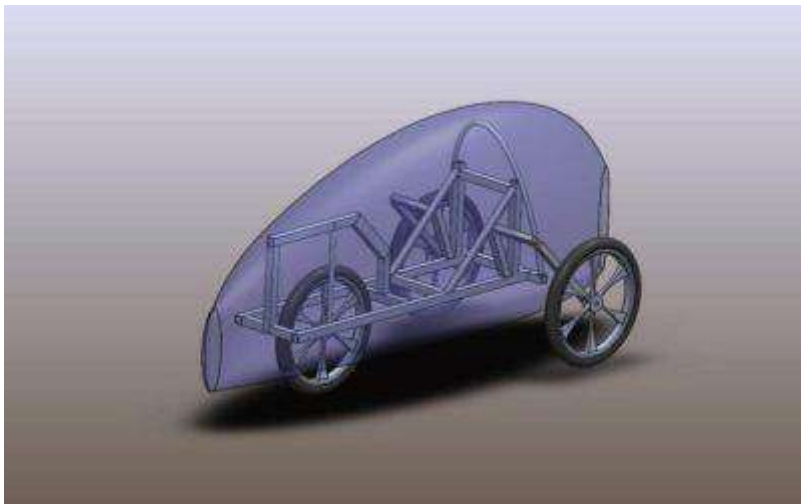
Mr Akhil Antony, a sixth-semester Mechanical Engineering student, won the **MR. JUNIOR KOTTAYAM TITLE** in the **District Body Building Championship**, organized by District Body Building Association, Kottayam held on 1st February 2020.

Mr Akhil also bagged the second position in the **Men Physique category** of the championship.



ASME HUMAN POWERED VEHICLE CHALLENGE 2020 – TEAM TRIDENT

Team **TRIDENT** from Toc H Institute of Science and Technology was shortlisted for American society of Mechanical Engineering, HPVC competition as part e-fest 2020, which is an international fest. This year e-fest for Asia is going to be held at Marvadi University Rajkot Gujarat on late February. The students have submitted their final report which has got comprehensive detail of their vehicle including design, structural analysis and fluid flow. The students are guided by Asst. Prof Rajesh Kocheril of the Mechanical department. The students are very much excited for this event because they are going to represent their nation on an international platform. They are confident that they will bring Kerala, its first HPVC trophy. The website of their team: www.thecq.org The Instagram link to their page: https://instagram.com/the_cq_org?igshid=1csnxaicy8u8

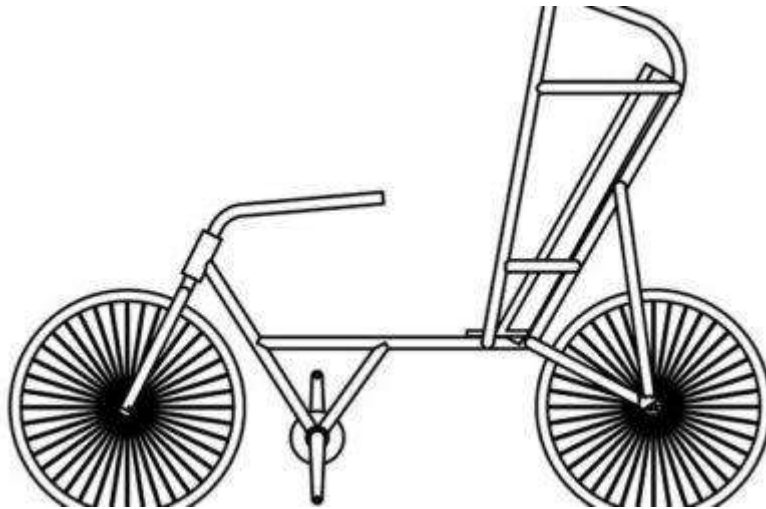


ASME HUMAN POWERED VEHICLE CHALLENGE 2020 – TEAM DELTA RACING

Delta Racing is a club formed by eight students from the Department of Mechanical Engineering of Toc H Institute of Science and Technology, Arakkunnam, as a part of the ASME student chapter. These students aim to revolutionize the fuel-less transportation sector, by designing a human powered vehicle that would replace the common commuting methods. “**Mothership**” is the first project undertaken by the Delta Racing team to participate in the ASME Human Powered Vehicle Challenge 2020, HPVC competition as part e-fest 2020 to be held at Marvadi University Rajkot Gujarat.

Mothership 1.0 has been designed to suit the comfort of the rider and to attain high speeds without compromising on safety. The design has been engineered through several analysis using software’s and practical tests. Thorough statistics have been taken to attain the maximum output from the design.





Miss Niharika Biju and Miss Pritikumari from the Department of Mechanical Engineering bagged second place in KTU Intercollege (Dzone) Handball tournament for girls, held at Rajagiri Engineering College, Kakkanad.



Mr. Sambath Sani Suresh, Mr. Arjun V Gopal, Mr. Govind Viswanath, Mr Nanda Kishor Varma, and Mr Sebin Antony Jose from the Department of Mechanical Engineering participated in the KTU Interzone Handball tournament, held at Government Engineering College, Thrissur. They bagged second place in KTU Intercollege (Dzone) Handball tournament, held at Rajagiri Engineering College, Kakkanad.





Audax India Randonneurs (AIR) is the all-India organisation of randonneurs, which is recognised by Audax Club Parisien (ACP) for conducting and overseeing all Brevets de Randonneurs Mondiaux (BRMs) and Audax events in India. Randonneuring is long-distance Endurance Cycling with rides of 200, 300, 400, 600 and 1000 kms called Brevets de Randonneurs Mondiaux (BRMs). Audax Club Parisien (ACP) is the international governing body for randonneuring that administers and oversees the conduct of BRMs worldwide. On 29th September 2019, our 2nd-year student Pulkit Deepak Khatri completed 200kms in less than 13 hrs. Congratulations Pulkit...



Abhilash Biju of S3 (2018 Admission) Mechanical Engineering won the second prize for the event “PLANT LAYOUT DESIGN”, conducted by the Institution of Engineers (India) Kochi chapter on 15th October 2019 as part of “The students day celebration. Almost 100+ students from various colleges participated in this event.

Mr Muhammed Shazin, Mr Nandakisor Sunil Varma and Mr Hythem Mohammed Ashraf of Mechanical Engineering Department (2017 Admission) become 1st runner up in the KTU D zone Table Tennis tournament held at FISAT on 13/10/19. They also bagged 4th place in KTU Interzone Table Tennis tournament held at Vidya Academy, Thrissur.



Arun Joy and Chacko G George of S7A (2016 Admission) bagged 3rd place for National-level design competition held at NIT Calicut.

