



NEW HORIZON
COLLEGE OF ENGINEERING

AUTOHORIZON

MAY 2023

Faculty Achievement-Dr. Sujin Jose

Kart Attack by SAE club

Automaniacs Club Event “ Tour De Horizon”

Winners in Project exhibition-QuantumX-22

2nd Prize in IDEAS2FUND-QuantumX-22

Winners in Fast Service -QuantumX-22

INDUSTRIAL VISIT TO VST TILLERS TRACTORS
LTD., MALUR in association with SAE club

Industrial Visit to Hindustan Aeronautics Limited,
Foundry and Forge Division, in association with
Automaniacs Club

Invited talk by Dr. Sujin Jose on “e-Waste Management

Design and Innovation Clinic 2023 by Central
Manufacturing Technology Institute (CMTI)-
First Runners-up

Workshop on Autotronics, advanced vehicle technologies
at Bosch Vocational Training Centre, Naganathapura,
Bengaluru



FACULTY ACHIEVEMENT-DR. SUJIN JOSE

Date: 11/11/2022

Dr. Sujin Jose from Department of Automobile Engineering delivered a guest lecture on "Patent filing and Publication" Jeppiaar Institute of Technology on 11/11/2022. The topics included: Introduction about IPR, Patent filing and publication.



KART ATTACK BY SAE CLUB

Date: 14/11/2022

KART ATTACK- yet another fun and exciting event organized by the SAE club from the automobile department. On the 14th of November 2022 the event kicked off at 11 am with 35 participants getting the opportunity to sit on the go- kart and showcasing their racing spirit. A Track layout was made by the club for the kart on basketball court to increase the racing level. Two rounds were planned for the participants to help them handling the kart easily. The first round was testing or a trial round so that the participants could feel the kart and learn the track layout to maximize their chance for winning in the next round by getting their turns right. The second rounds was about learning from their mistakes from the trial round and give their best in this round which is the time attack round. The club members ensured participants followed all the safety protocols before driving the kart.



AUTOMANIACS CLUB EVENT ' TOUR DE HORIZON'

Date:22/11/2022-23/11/2022

The Automaniacs Club of Department of Automobile Engineering, organised a 2-day mega event on 22nd and 23rd of November 2022, the event was called Tour De Horizon.

The event consisted of two rounds, 1st round was an exciting Automobile trivia round and the final round was to complete the custom laid track in a cycle, this round was also time based. The first round was for the participants to complete the Automotive Trivia in the time provided.



WINNERS IN PROJECT EXHIBITION- QUANTUMX-22

Date: 10/12/2022

Two 7th sem students, Mr. Varun R and Mr. Hemanth B from the Department of Automobile Engineering secured first place in project exhibition in the techno-management fest QuantumX-22 on 10/12/2022. The students exhibited their project all terrain buggy. Certificates and cash prize of Rs. 7000 were presented to the winners.



2ND PRIZE IN IDEAS2FUND- QUANTUMX-22

Date: 10/12/2022

Two 7th sem students, Rajarshi Chatterjee & Saaim Saad from the Department of Automobile Engineering secured second place in IDEAS2FUND event in QuantumX-22 techno-managerial fest on 10/12/2022.

Students had to present a business model solving a key problem, followed by a round where they had to present another business model and justify it in 2 minutes.

Certificates and cash prize worth 10 thousand was presented to the students.



WINNERS IN FAST SERVICE -QUANTUMX- 22

Date: 08/12/2022

A team of 7th sem students, Ranjith P, Jeevan D, Rynal Herald Dsouza from the Department of Automobile Engineering emerged as winners in Fast Service event in QuantumX-22 techno-managerial fest on 08/12/2022.

The event consisted of two rounds: Round 1-pitstop (2 tyres) and oil change of scooter and Round 2- pitstop (2 tyres) and piston assembly.



INDUSTRIAL VISIT TO VST TILLERS TRACTORS LTD., MALUR IN ASSOCIATION WITH SAE CLUB.

Date: 23/12/2022

INDUSTRIAL VISIT - Yet another informative event organized by the SAE club from the Automobile Department. On 23rd December 2022, at 8:45 Am we boarded the bus to VST TILLERS TRACTORS LTD. VST group is a manufacturing company of power tillers and power reapers. The students were then briefed about their factory. The students learned how a power tiller and a reaper were manufactured. The students gained knowledge on the manufacturing process and had a great learning experience.



INDUSTRIAL VISIT TO HINDUSTAN AERONAUTICS LIMITED, FOUNDRY AND FORGE DIVISION, IN ASSOCIATION WITH AUTOMANIACS CLUB

Date: 03/01/2023

The Automaniacs Club, organized an INDUSTRIAL VISIT, on 3rd of January 2023. This event had outcome of a practical exposure and knowing the exact industrial manufacturing procedures. The students had a theory session in the beginning, in which a detailed presentation on history, various manufacturing processes & components that is been manufactured were explained. Students got exposure to traditional methods and latest manufacturing technology.



INVITED TALK BY DR. SUJIN JOSE ON 'E-WASTE MANAGEMENT

Date: 25/03/2023

Dr.Sujin Jose, Associate Professor, IIC convener and innovation ambassador NHCE was invited as the chief guest for the Student's Exhibition on Innovative design collage using e-waste at T. John College, Bangalore on 16/03/23 and delivered a lecture on e-waste management.



DESIGN AND INNOVATION CLINIC 2023 BY CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE (CMTI)- FIRST RUNNERS-UP

Date: 11/04/2023-13/04/2023

Students from Department of Automobile engineering have Participated and Won 1st runner-up position among 86 teams in the Design and Innovation Clinic 2023 organised by Central Manufacturing Technology Institute (CMTI), Govt. Of India held on April 11-13,2023. The design challenge was a part of 48hrs contest. Title of the project was 'Auto-turn off indicators in two/three wheelers using angular measurements by a compass.' They have also won a cash prize of 16,000/-.



WORKSHOP ON AUTOTRONICS, ADVANCED VEHICLE TECHNOLOGIES AT BOSCH VOCATIONAL TRAINING CENTRE, NAGANATHAPURA, BENGALURU

Date: 24/04/2023-29/04/2023

Students of Department of Automobile engineering participated in 6 days workshop on Autotronics, advanced vehicle technologies at Bosch Vocational Training Centre, Naganathapura, Bengaluru from 24/04/2023 to 29/04/23. The students had hands-on experience in on-board diagnostics and sessions on working of various sensors and controllers used in automobile. The students got in depth knowledge on the autotronics and vehicle diagnostics, BS-VI norm vehicles.

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Faculty coordinator : Prof. Smitha B S
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