



HINDUSTAN
INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)

NEWSLETTER

JANUARY | 2024

VAHANAA

SCHOOL OF MECHANICAL SCIENCES

**DEPARTMENT OF
AUTOMOBILE
ENGINEERING**



THE **PASSION
DRIVE
FOCUS ON FUTURE MOBILITY**

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VAHANAA

SCHOOL OF MECHANICAL SCIENCES

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ABOUT THE DEPARTMENT

PROGRAMS OFFERED

- **B.Tech.** Automobile Engineering
- **B.Voc.** Automobile Servicing Technology
- **M.Tech.** Automobile Engineering (Automotive Technology)
- **Ph.D.** Automobile Engineering

HONORS

- Autotronics
- Motorsports Engineering
- Electric Vehicles and E-Mobility

INDUSTRY COLLABORATION CENTRES

- Centre for Automotive Electronics
- Royal Enfield Experiential Training Hub
- Bosch - HITS Joint Training Centre
- Electric One-HITS Skill Next Centre

LABORATORIES

- Automotive Engine Components Laboratory
- Automotive Chassis Components Laboratory
- Automotive Electrical and Electronics Laboratory
- Fuels and Lubricants Laboratory
- I.C Engines Laboratory
- Vehicle Dynamics Laboratory
- Vehicle Diagnostics Laboratory
- Virtual & Simulation Laboratory
- Ayrton Senna Motorsports Hub

PLACEMENT



Moola Maheshwar Reddy
B.Tech (Auto) -2023



Ummaraju Manikanta
B.Tech (Auto) - 2023



Pathy Akash
B.Tech (Auto) -2023



Subash Chandran
B.Tech (Auto) - 2023

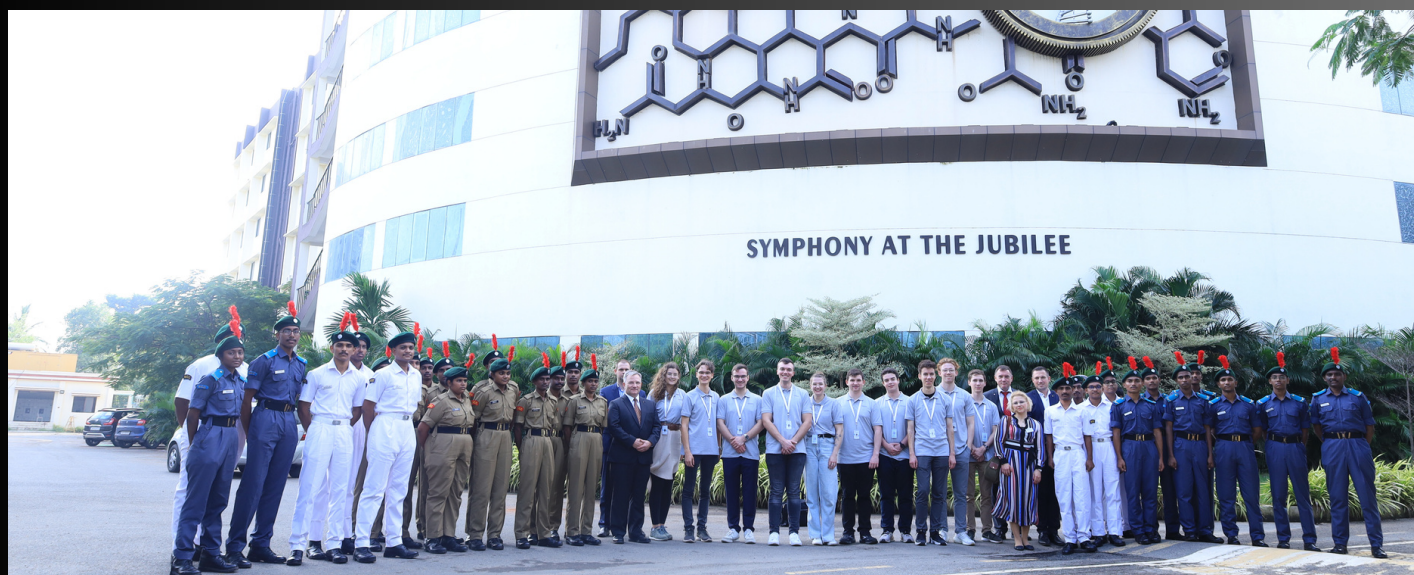


N Veerendra
B.Tech (Auto) - 2023

DADD & IURC



From the left **Dr. Karl Hofman**.,**Professor**, Trier University of Applied Sciences, Germany , **Dr.M.Jaikumar**., **Professor** and Head (Auto) HITS, **Mr. Ashok Verghese** Pro Chancellor HITS, **Mrs. Michaela Kuchler**, Cousul General Germany, **Sub Lt. Dr. T. Shanmuganathan**., **Assistant Professor (S.G.)**, HITS, **Mrs. Elisa Limbacher**., **Coordinator**, International Relations & Sustainability city of Trier, Mayor office, **Mr.Lukas Schmitt**., **Regional Managing Director**, Rhineland - Palatinate of the Maltese Order, Germany, As part of the **DADD Project Investigation and Excursion & IURC Project status meeting** at **ITC Grand Chola**, Chennai.



NCC students welcomes **Professors** and **students** from **Trier University of Applied Sciences, Germany** at **HITS Campus**.

DADD PROJECT INVESTIGATION AND EXCURSION & IURC PROJECT



DADD Project Investigation and Excursion & IURC Project status meeting held at HITS campus, between 13 to 16 December 2023.



(from left) **Dr. Peter Koeing**, Professor, Trier University of Applied Sciences (TUAS), Germany. **Mrs. Elisa Limbacher**, Coordinator, International Relations & Sustainability city of Trier, Mayor office. **Mr. Enid Verghese Jacob**, Dy. Director., HITS. **Dr. S.N. Sridhara**, Vice Chancellor., HITS. **Dr. Karl Hofman**, Professor, Trier University of Applied Sciences, and **Mr. Lukas Schmitt**, Regional Managing Director, Rhineland - Palatinate of the Maltese Order, Germany.



Dr.M.Jaikumar., Professor and Head (Auto) HITS and Dr.Peter Koeing., Professor,Trier University of Applied Sciences (TUAS) , Germany were presented the status of the project.

CULTURAL IMMERSION



Professors and students from Trier University of Applied Sciences, Germany were participated the event on Cultural Immersion at HITS Campus held on 16 December 2023.

SPORTS EXOTICA



Students ' from Trier University of Applied Sciences, Germany were participated the event on Sports Exotica at HITS Campus held on 16 December 2023.

LAUNCHPAD FOR INDIAN MOTORSPORTS ENGINEERS

Motorsports Club of Automobile Engineering Organised a 4-day workshop on Launchpad for Indian Motorsports Engineers in association with United Motorsports Academy from 27 to 30 October 2023 at HITS.



Dr. S. N. Sridhara., Vice Chancellor along with Dr.M.Jaikumar., Professor and Head, welcomed Mr Rex Keen, Race Engineer, Professor, University of Bedfordshire, England, who shared his rich experience on Race Engineering with Passionate Motorsports Engineer .



Dr. S. N. Sridhara., Vice Chancellor along with Dr.M.Jaikumar., Professor and Head and Dr.N.Sasikumar., Assistant Professor (S.G.), welcomed Mr.Karan Shah.,Advisor United Motorsports Academy.



Around 50 Participants with 2 Girl Participants from different part of the nation has participated in the workshop. Students from different parts of the nation have participated in the workshop. Among the 50 Participants, 10 are from HGI (9 from HITS and 1 from KCG and 2 HIET Alumni).



Workshop provided in-depth knowledge and world class experience in the field of Power-train, Drive-line , Vehicle System, Vehicle Dynamics, Braking, Dampers and Suspension Systems of Race Vehicles to the Participants. Hands on Training and Exclusive Track Experience at MMRT, Chennai added value to the workshop.

ROYAL ENFIELD- LEVEL 3 (GURU LEVEL)



Student's from **Automobile and Mechanical Engineering** have successfully completed **Level 3 (Guru level)** at **HITS- ROYAL ENFIELD EXPERIENTIAL TRAINING HUB**, HITS. Students were updated thier skills on Engines and sub systems of various models of **Royal Enfield Motorcycles**, **Dr.V.Ramanathan.**, **Associate Professor** and **Dr.E.Sangeethkumar.**, **Assistant Professor (S.G.)** were the trained the students.

DAAD GERMAN ACADEMIC EXCHANGE 2023



Students from final and Pre-final Year have been selected as Student Research Assistants through **DAAD German Academic Exchange 2023** to visit **Trier University of Applied Sciences, Germany** for Project Investigation on Vehicle Safety and Driver Assistance, from 19 November 2023 to 27 November 2023 along with three Professors (**Dr.M.Jaikumar.**, Prof and Head, Sub Lt **Dr.T.Shanmuganathan** and **Dr.J.Pradeep Bhasker**).

SAE INDIA TIFAN-2024 LEVEL 1 WORKSHOP



Students from final and Pre-final Year have attended **SAE INDIA TIFAN-2024 Level 1 workshop** on 1 November 2023 at **Bannariamman Institute of Technology (BIT), Sathyamangalam., Erode.**

PALS FLAGSHIP



Mr. S. Nandakumar., Assistant Professor (AUTO) and students of Department of ECE, HITS were attended PALS Flagship event on The Residential Student Workshop held at IIT Madras between 12 to 14 December, 2023.

INDUSTRIAL VISIT



3rd year Students' along with Faculty Members **Dr. S Sathishkumar**, **Mr. S. Nandakumar** of the Department of Automobile Engineering, HITS, visited to **Global Automotive Research Center (GARC)** on 13 October 2023. To understand how the testing, certifying, limitations, and all R&D activity has been accomplished.

INDUSTRIAL VISIT



Students along with Faculty Members **Dr. S Sathishkumar**, **Mr.C.Parthasarathy** of the Department of Automobile Engineering, HITS, visited **Passenger Vehicle Expo** at Chennai Trade Centre on 15 December 2023. The Passenger Vehicle Expo proved to be a **dynamic and informative event**, showcasing the diverse offerings in the **buses, vans, and cars segment**. Attendees gained valuable insights into the industry's direction.

STUDENTS' ACHIEVEMENTS



Mr Shahul Hussian, III Year Automobile Engineering, representing HITS @Pitstops of F4 Racing Championship of Indian Racing League (IRL) @ MMRT Chennai held on 19 November 2023.



Mr. Sai Mithun, III Year Automobile Engineering, received award for his arduous support towards SAEISS, SAE Awards Ceremony held at The Ramada Plaza, Guindy, Chennai on 21 October 2023 .

FACULTY ACHIEVEMENTS



Mr.C.Parthasarathy, Assistant Professor (S.G.), received award for the for his arduous support towards **SAEISS**, **SAE Awards Ceremony** held at The Ramada Plaza,Guindy,Chennai on 21 October 2023 .



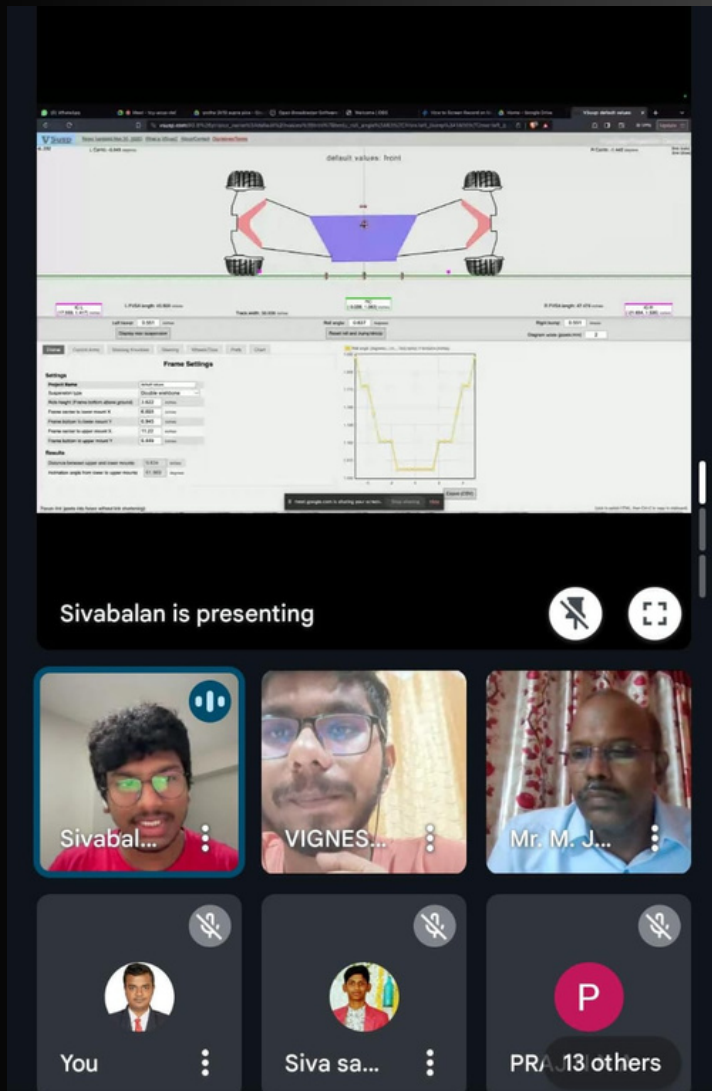
Sub Lt Dr.T. Shanmuganathan , Assistant Professor (S.G.) received a Best Teacher Award 2023 from Actor Srikanth through Aram Virudhugal, Chennai on 17 December 2023.

MOTORSPORTS ACTIVITIES



Department of Automobile Engineering of HITS is extremely happy to announce the Onboard of Team Yodha Racing for Supra 2024 .

MOTORSPORTS ACTIVITIES




Department of Automobile Engineering express its deep sense of gratitude to our Proud Alumni Mr A V Sivabalan (2017- 2021) B.Tech Automobile Engineering) Operations Manager, Waffle House, USA and Former Supra Team Captain for Delivering Online Guest Lecture on Passion and Race Engineering to the Yodha Racing Team, HITS . Session is highly informative and motivational to the team towards Supra 2024 held on 8 January 2024 .

UPCOMING EVENTS



Expert Lecture on

Advancement in Electric Vehicle Technology

Online 



Organized by
Department of Automobile Engineering
Hindustan Institute of Technology & Science, Chennai
In Association with
Politeknik Sultan Mizan Zainal Abidin, Malaysia

DATE 29 January 2024 **TIME** 3.30 pm.

Resource Persons



Dr. Mohd Hafizil Mat Yasin, PhD, PTech
Automotive Technology Center (ATeC)
Deputy Director (Academic Support)
Politeknik Sultan Mizan Zainal Abidin, Malaysia

Registration Link <http://surl.li/oxktd>



To join the video meeting,
click this link:

<https://meet.google.com/byw-uvks-eex>

For information

Dr. B. Prabakkaran

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Department of Automobile Engineering
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HITSEEE 2024

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HITSEEE 2024
Hindustan Institute of Technology and Science Engineering Entrance Examination
(B.Tech / B.Arch / B.Des.)

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Applications Open 16 th Dec 2023	Last Date for Applications 29 th Apr 2024	HITSEEE 2024 Exams 3 rd - 10 th May 2024
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Assistant Professor (S.G.) &
Editorial Coordinator
Department of Automobile
Engineering



Dr. Prem Shankar Pandey
Assistant Professor (S.G.) &
Technical Editor
Department of Languages

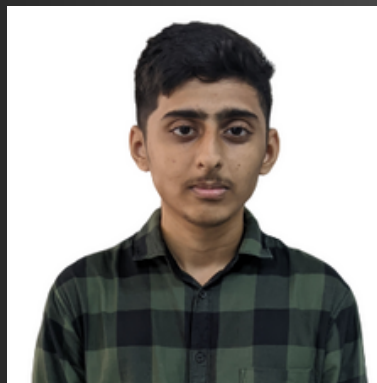
STUDENT EDITORS



DANIEL SOLOMON BRAINEE
B.Tech (Auto) - Third year



SHAHUL HUSSAIN
B.Tech (Auto) - Third Year



HRISHIKESH K N
B.Tech (Auto) - Third Year