

AUTO HORIZON

February 2021

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Webinar on “Electric Vehicles: History, Types, Benefits & Challenges”



NEW HORIZON
COLLEGE OF ENGINEERING

50th Anniversary

WEBINAR

DEPARTMENT OF AUTOMOBILE ENGINEERING

**“ELECTRIC VEHICLES:
HISTORY, TYPES,
BENEFITS & CHALLENGES”**

Dr.S. Sheik Mohammed
Assistant Professor, EEE, TKM College of Engineering,
Kollam

Hosting on Webex

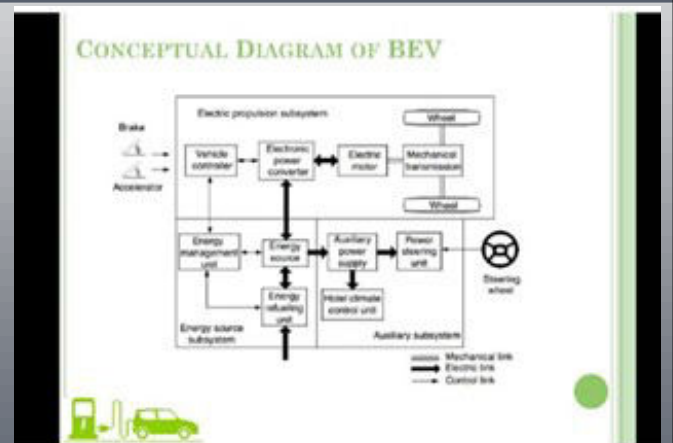
18th June
2020
@ 3.00 PM - 4.00 PM

The speaker for the webinar was Dr. S. Sheik Mohammed from TKM college of engineering, Kollam. The webinar mainly focused on introducing the Automobile Engineering students to the various aspects of electric vehicles and the challenges involved in it.

The Webinar was conducted on Google Meets on 18th June, 2020 from 3:00pm to 4:00pm. The speaker spoke on how the need for electric vehicles is expanding vastly and also as to how electric vehicle technology could fit into a lower carbon production and eco-friendly environment.



Dr Sheik Mohammed S



BOS MEETING

Smitha BS Shridhar Kurse shashidhara Karthik Nandakumar M B Ashoka Kumar...

VII SEMESTER

Sl. No.	Course Code	Course Name	Credit Distribution			Overall Credits	Contact Hrs Weekly	Marks		
			L	T	P			CIE	SEE	Total
1	AUT71	Vehicle Dynamics	3	1	0	4	5	50	50	100
2	AUT72	Air Conditioning and Heat Transfer	2	1	0	3	4	50	50	100
3	AUT73X	Professional Elective-IV	3	0	0	3	3	50	50	100
4	AUT74X	Professional Elective-V	3	0	0	3	3	50	50	100
5	NHOPX	Open Elective	3	0	0	3	3	50	50	100
6	AUL75	Automotive Simulation Lab	0	0	1.5	1.5	3	25	25	50
7	AUL76	Service and Recondition lab	0	0	1.5	1.5	3	25	25	50
8	AUL77	Project Phase-1	--	--	--	2	0	25	25	50
Total						21	24	325	325	650

BOS meeting was held by the department for the deliberation of scheme and syllabus for 5th to 8th semester Automobile Engineering. The meeting was chaired by Dr. Shridhar Kurse, HOD-AU. The eminent members of the board included Dr. Y M Shashidhara, HOD-AU, MCE Hassan, Mr. Ashok Kumar V A, Director; RV-Automotive electronics design Centre, Bangalore, Dr. Nanda Kumar, Associate Professor-AU DSCE Bangalore, Mr. Sagar Suri (Alumni).

Date: 26th June, 2020

Time: 10:00am to 12:30pm

Techorizon 2020 - National Level Project Exhibition

Date:
22th to 29th June,
2020



A National Level Project Exhibition TECHORIZON 2020 was conducted online for the final year students. It gave an opportunity for the students to showcase their innovative projects and compete for the best project award. The jury member for the event was Mr. Ankush Rana, Design Engineer, Sai Hydraulics. The event was a huge success with more than 50 participants.

Webinar on “Sustainable Development and Circular Economy” conducted by Automaniacs Club.

The screenshot shows a Zoom meeting in progress. The main content is a presentation slide titled "Cont...." which features a circular diagram of the circular economy. The diagram is a green circle with a white 'W' logo in the center. The cycle is divided into several stages: raw materials (with a tree icon), design (with a pencil icon), production, remanufacturing (with a factory icon), distribution (with a truck icon), consumption (with a person icon), repair, reuse (with a gear icon), and residual waste (with a trash can icon). Arrows indicate a clockwise flow from raw materials through the other stages back to recycling, which then feeds back into raw materials. The recycling stage is represented by a green arrow pointing left towards a recycling symbol. The Zoom interface includes a top bar with participant names and a right-hand sidebar with a list of 97 participants. The bottom toolbar shows options like Unmute, Start Video, Participants, Chat, Share Screen, Record, Reactions, and Leave.

The speaker for the webinar was Mr. Avinash Narayanaswamy Assistant Professor, Center of Incubation, Innovation, Research & Consultancy, Jyothi Institute of Technology Campus, Bengaluru.

The Speaker elaborated on sustainable development which is meeting the society’s requirements without compromising the ability of future generations to meet their own requirements and the discussion also included circular economy to which is benefit both financially as well as eco-friendly.

The Webinar was held on 10th November, 2020 and it comprised of nearly 100 participants. All the students were awarded E-certificates.

The session concluded with Q&A session by the students. On the whole, it benefitted both the students as well as the faculty members and also other college participants.

Webinar on “Setback to Comeback” conducted by SAE Club.

The screenshot displays a Zoom webinar in progress. The main content area shows a slide with the 'AKSHAYA PATHRA' logo and the text: "Vision: No child in India shall be deprived of education because of hunger." The slide features a background image of children in blue school uniforms running in a field. The Zoom interface includes a top bar with participant thumbnails, a 'Recording LIVE' indicator, and a right-hand sidebar with a list of 15 participants and their names.

The speaker for the webinar was Sri Vishnu Ravi, from Youth empowerment club, ISKON. The session started with a glimpse of “AKSHAYA PATHRA” foundation which provides mid-day meals across all over the country. This has the motto “Unlimited Food For Education” whose main aim was to provide food to students all over the country so no student is hungry while pursuing education.

The next part of the presentation was on “Setback to Comeback” where the speaker shared us examples on how to overcome setbacks and continue to gain success in life. He also spoke about the importance of having a spiritual approach and through yoga and meditation how to attain inner peace.

The webinar was conducted on 12th November, 2020 and comprised of over 100 participants. The webinar was conducted via Zoom.

AUTO QUEST



**NEW HORIZON
COLLEGE OF ENGINEERING**
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA
New Horizon Knowledge Park, Ring Road, Bellandur Post, Bengaluru 560 103



SAE CLUB PRESENTS **AUTO QUEST**

BRING OUT THE AUTO GEEK IN YOU!

FRIDAY DECEMBER 4
STARTS AT 2PM

For further details contact-
Rishabh : 8310956976
Himanshu : 9206783319
Abishek : 9657791664



SAE Club of Automobile Department conducted the event “Auto Quest”. The event was held on December 4th, 2020 and the event was conducted on online platform Zoom Meeting. The event was successful with 50 students from different domains and other colleges participating in it. The Auto Quest had three rounds to determine the winners of the event. The first round was namely crossword, second round was Logo quiz and final round was an interactive round to test the technical knowledge of the qualified participants. The first three participants were awarded the first, second and third place respectively.

Alumni talk on challenges in industries by Mr. Madan Venkatesh from Vexilum

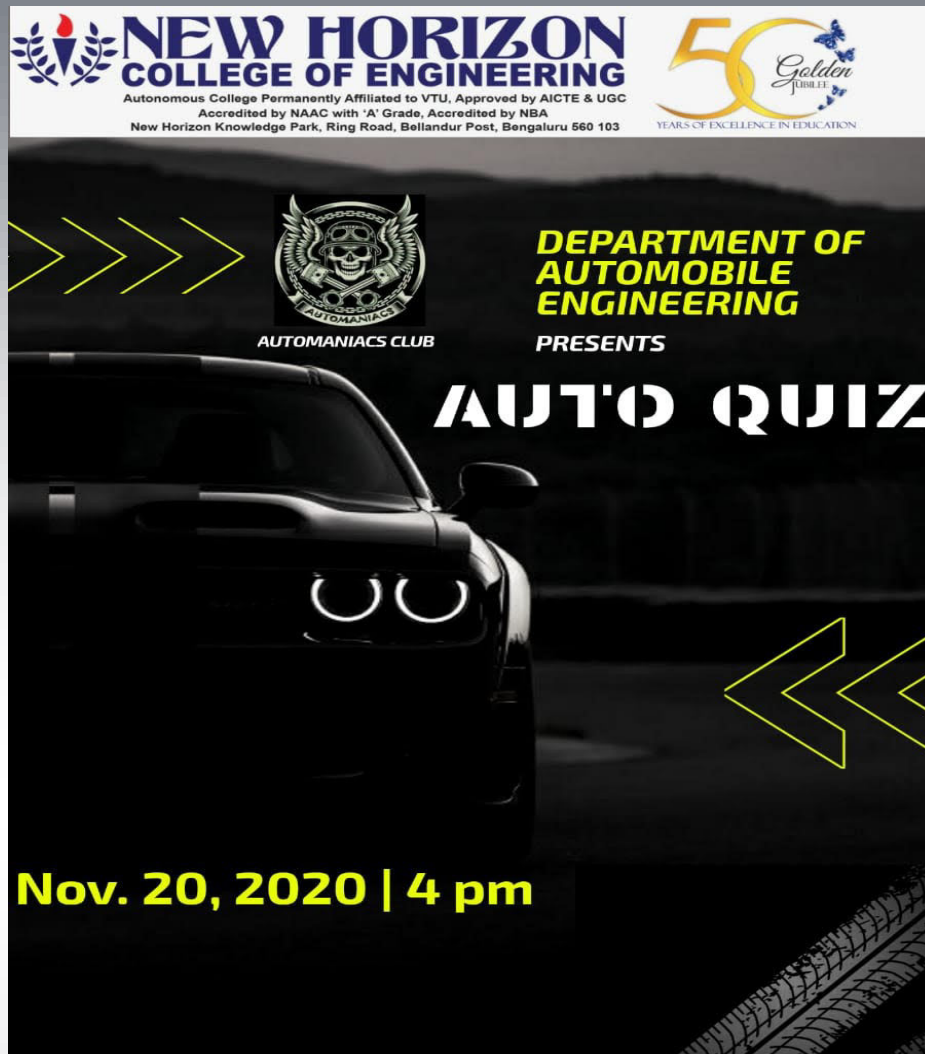
DATE : 14th December, 2020



The Automobile Department had organized Alumni talk on “Challenges in Industries”.

The speaker for the talk was Mr. Madan Venkatesh from Vexilum Labs. The motive of the talk was to help the final year automobile students to understand the present technical skills that the industry seeks and also to help the students achieve these skills and suggesting the students to take up some industry related courses to be prepared when they graduate. The aim of the talk was to make students understand the relevance of technical skills in the present day scenario and to meet the industrial requirements.

AUTOQUIZ



The Automaniacs Club of Automobile Department organized “Autotquiz” event. The event was conducted on online platform Zoom meeting. The event was held on November 20,2020. There was 35 participants from different engineering department who made the event successful and exciting. The event had three rounds and the participants who qualified moved to the next round and finally the top three were declared as the first, second and third respectively. The winners are as follows:

- | | | | |
|-----------|---|---------------------|-------------------------|
| 1st Place | - | Mayur Sachit | (Automobile Department) |
| 2nd Place | - | Amitoj Singh Sethi | (Mechanical Department) |
| 3rd Place | - | Prathik P Sampagavi | (Mechanical Department) |

All participants received participation certificates.

STUDENT ACHIEVEMENTS

Automobile Student secured 6524th rank in TCS Code Vita season 9



Shriram N, 7th semester student of Automobile Engineering participated in the TCS CodeVita season 9 that was held on 9th of August 2020 and secured the 6524th rank. Following this, he has secured TCS DIGITAL offer through the hiring process on 5th Oct 2020.

EDITORIAL BOARD

Publisher : Dr. Shridhar Kurse, HOD, Dept. of Automobile Engg., NHCE.

Faculty : Prof. Smitha B.S., Asst. Professor, Dept. of Automobile Engg., NHCE.

Student : Sabreesh S. (1NH18AU047) - V Semester

Tatvik Mahesh S.N. (1NH18AU058) - V Semester