SAE COLLEGIATE CLUB OF SVCE

SVCE | Sri Venkateswara College of Engineering

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MGMT. SYS. RvA C 071

ASSOCIATION OF AUTOMOBILE ENGINEERS

in association with

ALUMNI ASSOCIATION OF SVCE

ORGANISES A WEBINAR ON

INTRODUCTION TO ROBOTICS & AUTONOMOUS CAR DESIGN

RESOURCE PERSON

MR. SUDHARSAN ANANTH

Alumnus : 2017 - 2021
M. S. Mechatronics, Robotics and Automation,
NYU Tandon School of Engineering, USA.
Currently working in AI4CE Lab.

SCHEDULED ON

March 11, 2023

from 10 am to 11 am

CONVENER

DR. J. VENKATESAN,
PROFESSOR AND HOD/ AUT.
DR. V. GANESH,
PROFESSOR AND A.HOD/AUT

COORDINATORS

MR. R. SAKTHIVEL,
ASSISTANT PROFESSOR.
MR. A. K. BOOBALASENTHILRAJ,
ASSISTANT PROFESSOR

SRI VENKATESWARA COLLEGE OF ENGINEERING

Meeting Link - https://meet.google.com/qts-hsmb-pmi

Report on Event

The lecture aimed to shed light on the significance of autonomous vehicles in the modern world and provide insights into the latest technological advancements in the field. Dr. V. Ganesh, Associate Professor, and Assistant Head of the Department of Automobile Engineering delivered the Welcome Address and introduced the esteemed Guest Speaker, **Mr. Sudharsan Ananth**, (Alumnus: 2017-2021 Batch), M.S. Robotics & Automation, NYU Tandon School of Engineering, USA.

The Guest Speaker started by highlighting the importance of autonomous vehicles in revolutionizing the transportation industry. Throughout the session, he elaborated on various aspects of the technology, its potential applications, and the challenges that come with its implementation.

Evolution of Transport and Current State of Autonomous Vehicles:

Mr. Sudharsan Ananth took the audience on a journey through the evolution of transportation, from traditional horse-drawn carriages to the present-day driverless vehicles. He shared remarkable milestones achieved in recent years, such as companies like Waymo, Aptiv, and Yandex offering autonomous taxi services in dedicated areas since mid-2018. However, he also discussed the unforeseen challenges that technology developers have encountered, leading some industry leaders to revise their expectations and express cautious optimism about the future.

Technical Aspect and Engineer's Perspective:

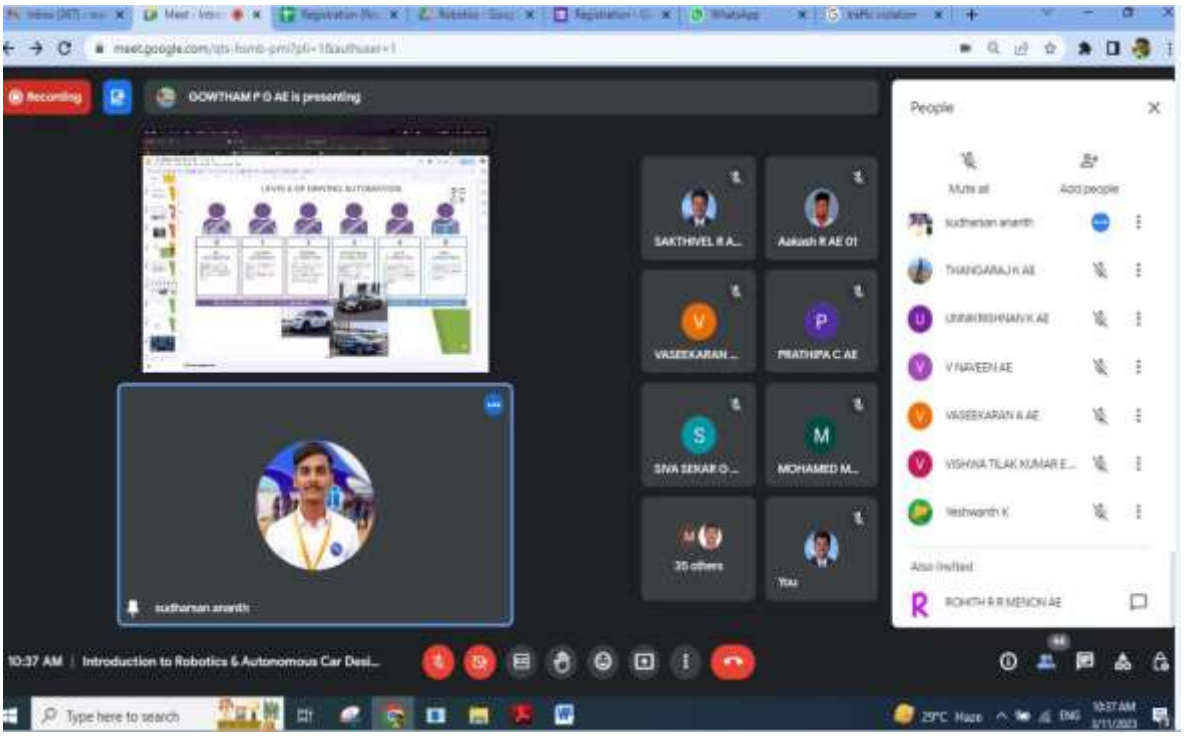
The speaker emphasized the technical intricacies of autonomous vehicles and their relevance to the engineering community. He mentioned that more than 22% of engineers visiting the Wevolver platform seek to expand their

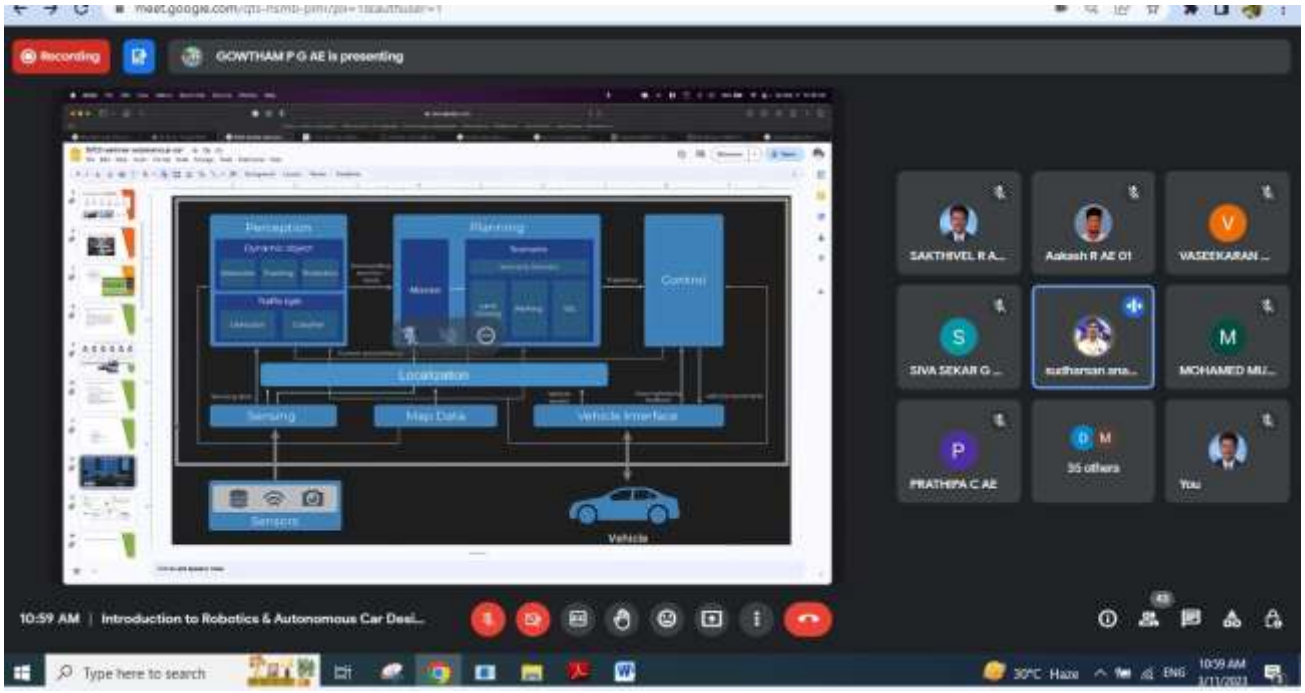
knowledge on autonomous vehicle technology. Despite media coverage on topics like market size and startup valuations, Mr. Sudharsan Ananth pointed out that there is still a need for comprehensive knowledge to fully grasp the current technical possibilities.

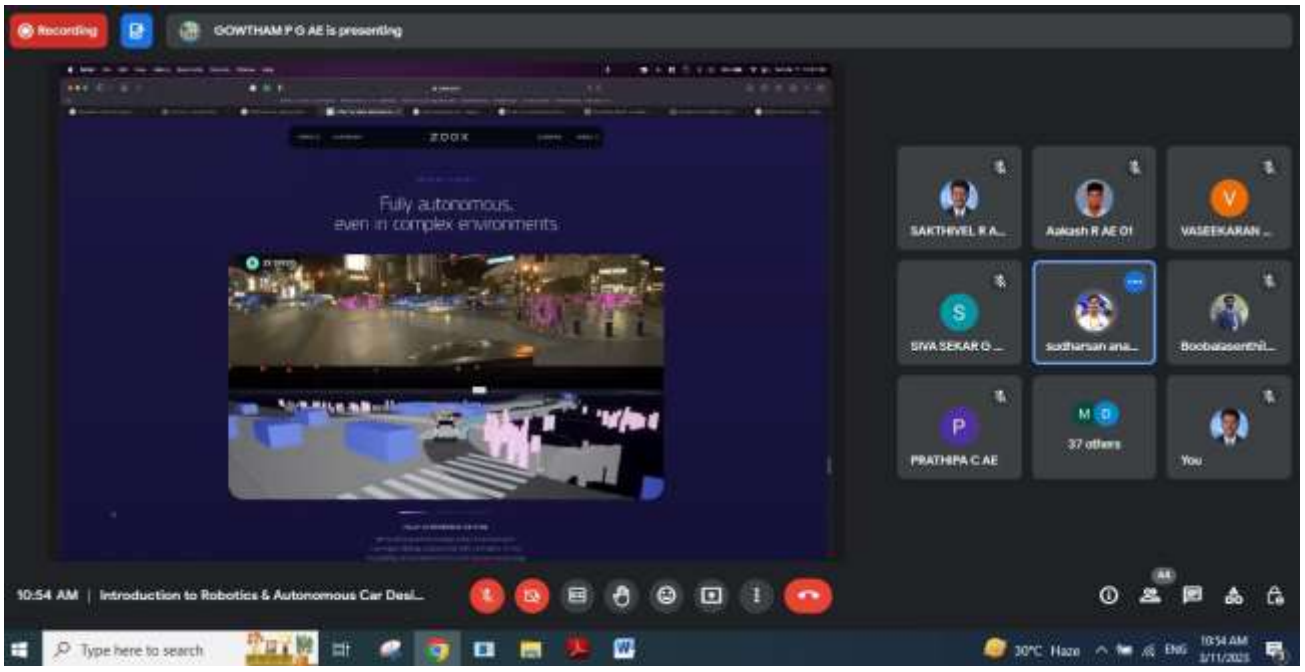
Interactive Session and Vote of Thanks:

Following the presentation, the audience actively participated in an interactive Q&A session. The speaker thoughtfully addressed the doubts and queries of the attendees, providing valuable insights and clarifications.

The Vote of Thanks was presented by Mr. R. Sakthivel, Assistant Professor, Deparment of Automobile Engineering. He expressed gratitude to Mr. Sudharsan Ananth for sharing his expertise and knowledge on autonomous vehicles, which was highly beneficial to both students and faculty members.







(Mr. R. Sakthivel, AP/AUT) **(Dr. J. Venkatesan, HoD/AUT)**