

SoE - Mechanical Engineering

Alumni Guest Talk

**Driving the Future: Trends in Automotive Innovation s Autonomous
Mobility**



The department of Mechanical Engineering - SoE conducted a guest talk with their 2015-19 batch alumni Mr. Janamruth U. The session emphasized on the key advancements in autonomous driving technologies, including radar and LiDAR systems, and high-performance computing. Mr Janamruth highlighted Continental's commitment to sustainability with innovations like renewable and recycled material tires and carbon-neutral operations by 2040. The importance of software in modern vehicles was stressed, with developments in high-performance computing systems and virtual ECUs enhancing vehicle functionality and efficiency. He concluded the session by highlighting the shifting consumer preferences towards shared and green mobility solutions driven by regulatory and environmental concerns.