

Report For Tech Talk on “Connected AI in Trucks & Buses”

Date: 29/04/2025

Time: 02:00 pm to 04:00 pm

Mode of Conduction: offline: LH-3

Target Audience: 2nd Sem, 4th Sem Students - Dept of AIR, Students of AIML

Resource Person

Name: Mr. Jayaprakash Govindaraju

Current Position: Deputy General Manager – Senior Technical Manager

Company Name: Daimler Truck Innovation Centre, India

Faculty Coordinators

Dr Gangadhar T G, Associate Professor, Department of AI&R,

Dr. Rupam Bhaduri, Professor, Department of AI&R,

Dr. Bharath Kumar S, Assistant Professor, Department of AI&R

Dignitaries Present during session

Dr. Pramod Kumar Naik, Chairman, Department of AIR

On April 29, 2025, the Department of Artificial Intelligence and Robotics (AIR) at Dayananda Sagar University hosted a seminar-tech talk on " **Connected AI in Trucks & Buses,**" aimed to provide students with a vision of how Artificial Intelligence is transforming the future of transportation. Opening remarks of the session was given by the Dr. Pramod Kumar Naik, Chairman of AIR, who highlighted the details of **ADAS in vehicles these days**. Followed by the technical talk by Mr. Jayaprakash Govindaraju. The seminar featured prominent industry leader from Daimler Truck Innovation Centre, India, he shared their invaluable expertise on the emerging trends, challenges, and career prospects for AI in transportation. The event was meticulously organized **by** Dr. Gangadhar T G, Dr. Rupam Bhaduri, Dr. Bharath Kumar S, AIR Department at DSU. Their efforts facilitated engaging discussions between the students and industry professionals. Resource person highlighted the importance of innovation, practical skills, and continuous learning to stay competitive in the global tech industry.



Figure 1: Poster of the Event

As per the speaker, Highlights of the Session:

The transportation sector is experiencing a profound transformation with the advent of Connected Artificial Intelligence (AI) in trucks and buses. This advanced technology is driving significant improvements in operational efficiency, safety, and environmental sustainability, heralding a new era of intelligent mobility. From enabling real-time diagnostics and predictive maintenance to supporting autonomous driving and optimizing energy usage, AI is playing a pivotal role in reshaping commercial transportation systems on a global scale.

- Enhanced Fleet Management and Predictive Maintenance
- Autonomous and Semi-Autonomous Driving
- Route Optimization and Traffic Management
- Environmental Sustainability
- Improved Safety and Driver Assistance

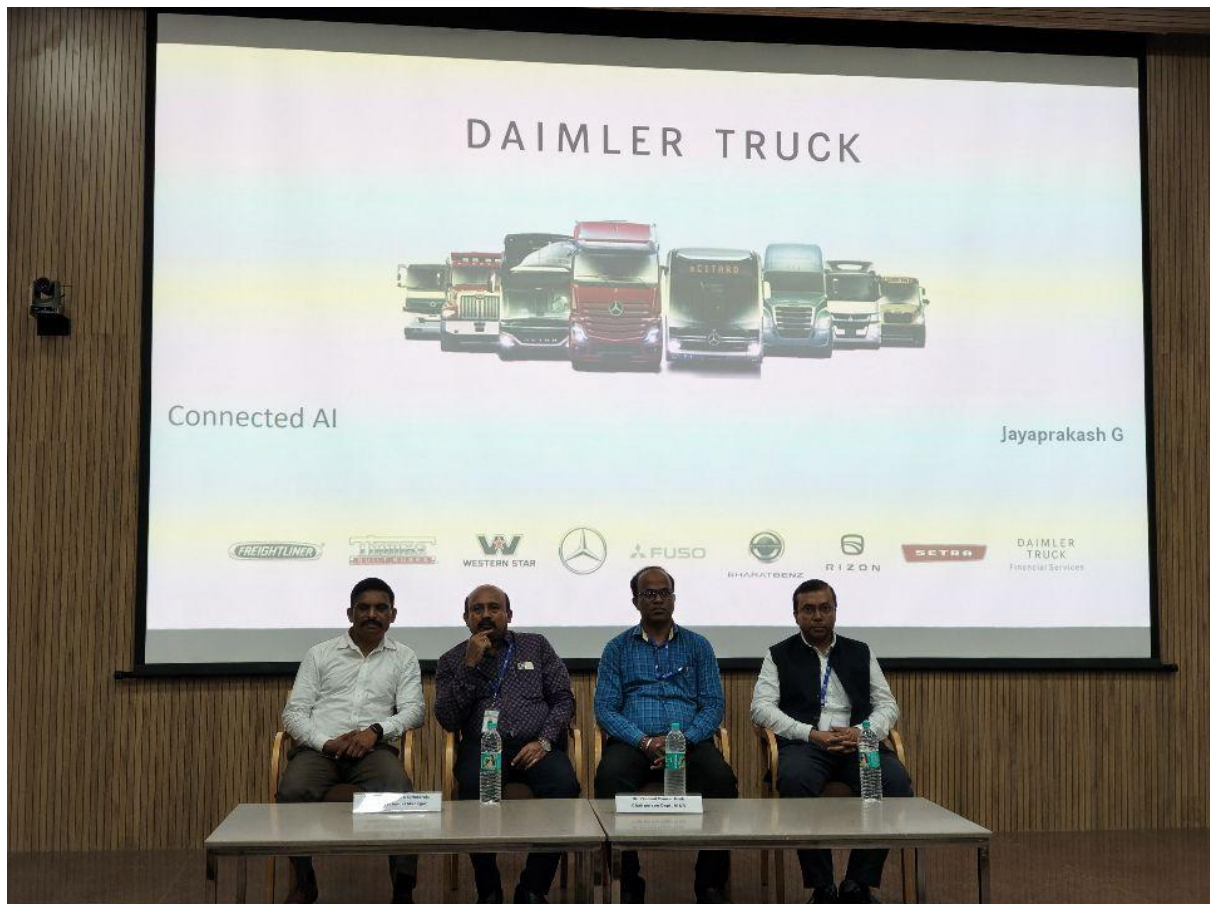


Figure 2: Resource Person with Dr. Pramod Kumar Naik, Dr. Rupam Bhaduri and Dr. Gangadhar T G

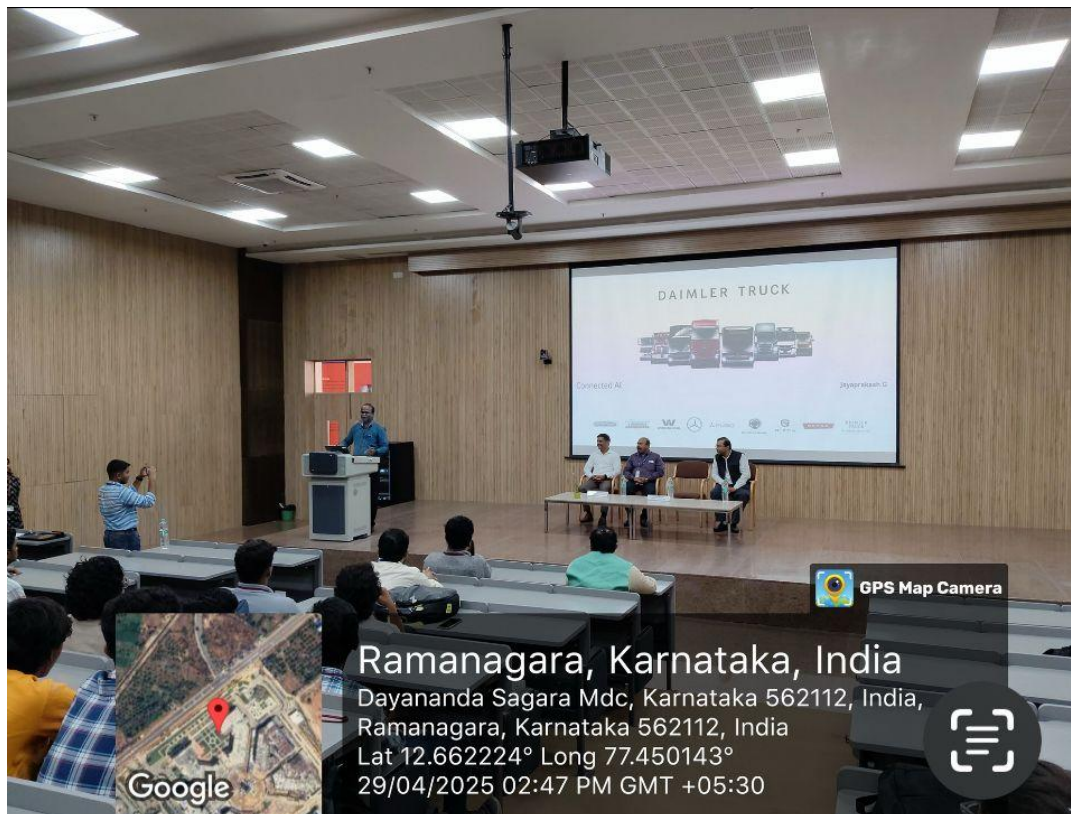


Figure 3: Opening remarks of the session given by Chairperson of AIR



Figure 4: Felicitation ceremony of the Resource person

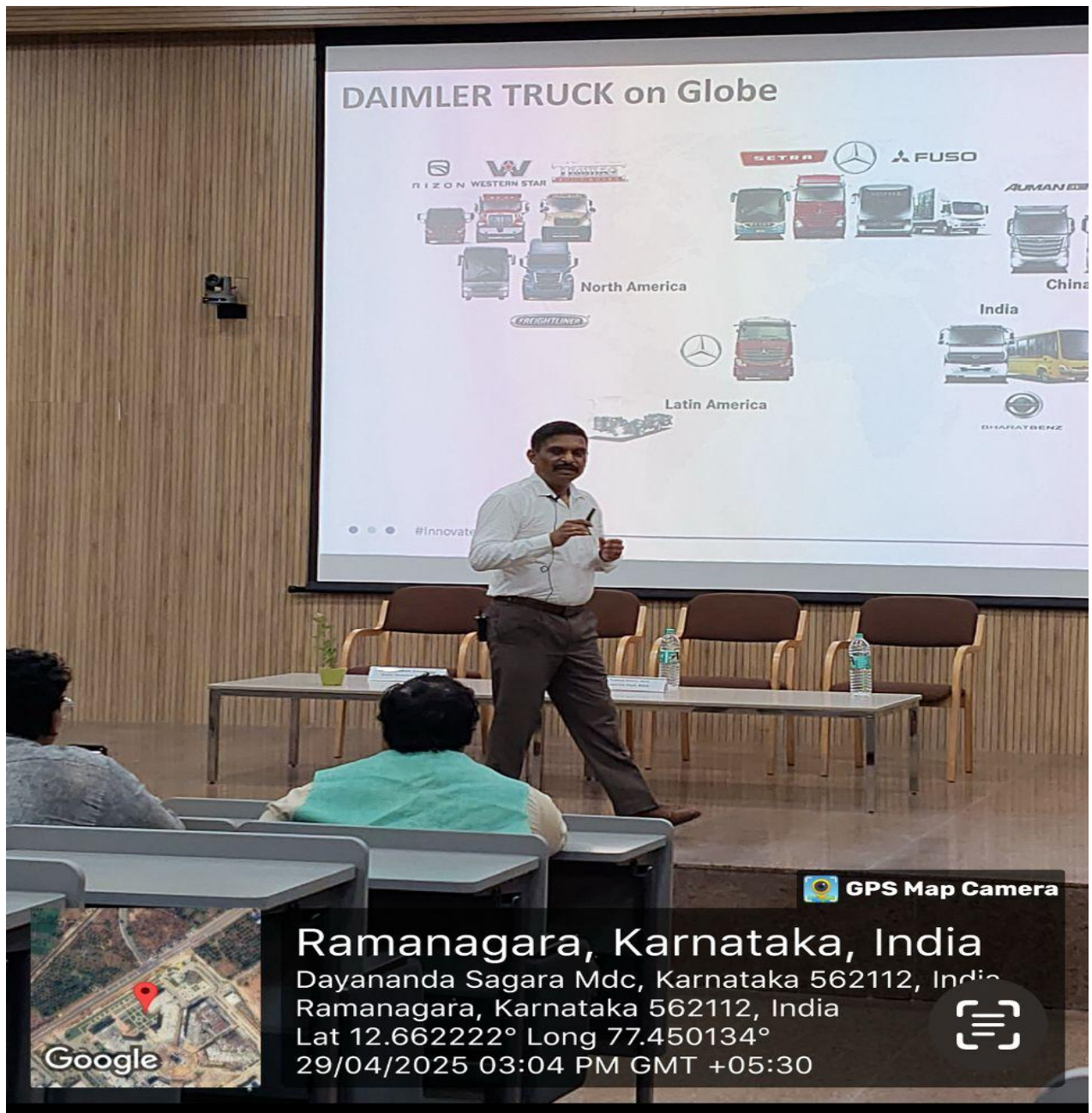


Figure 5: Presentation



Figure 6: Audience of the Event



Figure 7: Resource Person, faculty members and Student's coordinators

