

**KLEF**  
**Department of Mechanical Engineering**

**Alumni Knowledge Sharing Session**

An Alumni Guest lecture was delivered through **online(webex)** on 06/06/2020 to IV yr B.Tech Mechanical Engineering students and Faculty of ME DEPARTMENT, Time : 10.30 TO 11.30am topic on **Introduction to self driving Cars and importance of Finite Element Modelling in real life applications**” by 2014-2018 batch of Alumni of Mechanical Engineering Department **Mr. GEORGE LIN PRINCE (Regno:14007164)–RESEARCH ENGINEER-CRASH AND SAFETY - HYUNDAI MOBIS, Contact:7842706211.**

He talked about self driving cars like **NAVYA ARMA,RINSPEED OASIS, WAYMO: The Google self driving project, TESLA AUTO PILOT,OEDR** (Object-event –detection-response systems) and also he talked on SAE classification of driving levels of automotive systems(level0,1,2,3,4,5) and RADAR systems, pros and cons, ethical problems, and vehicle automation process like **MECHATRONICS,ARTIFICIAL INTELLIGENCE,MULTI AGENT SYSTEMS,VEHICLE HARDWARE, SENSORS.** He concluded vehicular communication systems are an emerging type of networks in which vehicles and roadside units are the communicating nodes,providing with other with information such as safety,warnings,and traffic information. **AUTONOMOUS CARS integrated with vehicular communication systems can be more effective in avoiding crashes and traffic congestions.**

**WEBEX Link :**

<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=m6fb5741ed69caf743d5d7353ed99633d>

**Some Glimses of Guest Lecture**

The screenshot shows a Cisco Webex Meeting interface. The main content area displays a presentation slide with the title "Introduction to Self Driving Cars" in white text on a dark purple background. Below the title, the speaker's name "George Lin Prince" is listed, followed by his title "RESEARCH ENGINEER, CRASH GROUP-CAE I" and affiliation "Hyundai Mobis Technical Centre of India (MTCI),R&D". Contact information includes "E Mail I.D : georgelinprince@gmail.com" and "Mobile : 7842706211". The slide also features the "Driving science" logo and the "MOBIS" logo. On the right side of the meeting window, there is a video gallery showing the host "Lin Prince (Host)" and several other participants. The bottom of the window shows the Windows taskbar with the time 10:35 and date 06-06-2020.

Cisco Webex Meetings

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Viewing Lin Prince's screen

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Lin Prince (Host)

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