



Panipat Institute of Engineering and Technology

Approved by A.I.C.T.E. & Affiliated to Kurukshetra University, Kurukshetra
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Ref. No-PIET/ECE/ICT/2022/02

Date:15thNov,2022

NOTICE

The Department of Electronics & Communication Engineering is pleased to announce an online session on **“Processors & Advanced Electronic Control Units in Latest Vehicles.”** This event will be held on the Zoom platform on November 19th, 2022 at 2:30 pm. The whatsapp link will be shared in class groups 30 minutes prior to commencement of session.

Ms. Sapna Arora A.P, ECE department will coordinate this event.

Department of ECE
Panipat Institute of Engg. & Technology
Samalkha-132102, Panipat

Dr. Monika Gambhir

Head of Department

Cc:

Share in all whatsapp group



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Report on Session on Processors & Advanced Electronic Control Units in Latest Vehicles

Event Title: Session on Processors & Advanced Electronic Control Units in Latest Vehicles

Event Type: Session

Date & Time: 19th November 2022, 2:30 PM

Mode of Activity: Online

Resource Person (if any): Er. Ajay Singh Project Head, BMW, Germany.

Contact no- +491601844941

Coordinator: Ms. Sapna Arora, A.P ECE department.

Organized by: Department of ECE

On November 19, 2022, the Department of Electronics and Communication held a "Session on Processors & Advanced Electronic Control Units in Latest Vehicles." The occasion commenced with a heartfelt greeting from Dr. Monika Gambhir, the head of the ECE department.

The main objective of the session was to aware students about latest processors and their implementation in vehicles. Student learnt about working of processors in vehicles for wireless connectivity. Er. Ajay Singh conveyed detailed understanding of the latest processors and ECUs used in the automotive industry. Exposure to the real-world applications and importance of these technologies in modern vehicles was delivered to students. The newest developments and innovations in automotive electronics were also introduced to the students. The students learned the development of skills in programming, debugging, optimizing processors and ECUs. Er. Ajay Singh also gave the students an overview of the projects that he was working on in BMW Germany.

Total 40 students from ECE department attended the session. Prof. Dr Shakti Kumar Director, PIET also attended the session and interacted with Er. Ajay Singh. The session was very interactive where the students posted some queries and the speaker clarified their doubts. To conclude the meeting, a vote of gratitude was delivered by Ms. Sapna Arora A.P ECE department.

Er. Ajay Singh
Project Head, BMW , Germany

Education

- ❖ B.Tech in Electronics & Communication Engineering from Kurukshetra University, Kurukshetra, India
- ❖ ME in Electro Technik & Informatik from University of Wismar Germany.

Current Position

Project Head, Wireless Access in Vehicular Environment project of BMW, Germany.

Achievements

- Best research paper award by International Academy of Science, Engineering & Technology.

Research Publication

- Research Articles: 12
- Indian Patents: 14
- International book: 1

Participants (50)

- Panelists (13)
- Attendees (37)
- MUKUL SHARMA
- 2820461 ECE
- Aakash
- Aditya
- Aditya Yadav
- Akash
- ANMOL
- Anoop Tripathi
- Anuj Dixit
- Aryan kumar
- Deepak "Deepak" Bhardwaj
- Dikshant katyal

Screenshot illustrating Er. Ajay Singh's introduction

Webinar Chat

journey that now u started ur journey as a student and prepare urself that ended up in the bmw ??

Me to Everyone

<https://forms.gle/Rrqc7Tc5i3fkxKRv8>

Ms.Sapna Arora to Everyone

Feedback link has been shared

All are requested to fill and submit the form

ANMOL to Everyone

I would love to connect with Ajay sir on LinkedIn, if he could share his profile.

Who can see your messages? Recording On

To: Everyone

Type message here...

Er. Ajay Singh interacting with participants



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Report on Session on Processors & Advanced Electronic Control Units in Latest Vehicles

List of Attendees

Roll no.	Name	Email id	Year
2819251	AAKASH	akashkashyap544@gmail.com	ECE Final Year
2819252	TUSHAR GARG	tusharsmk@gmail.com	ECE Final Year
2819257	KANNU RANI	Kannurana025@gmail.com	ECE Final Year
2819258	HARSH	mudgil045@gmail.com	ECE Final Year
2819261	PRINCE KUMAR	sprince13579@gmail.com	ECE Final Year
2819262	SAQIB ABBAS	saqibabbas947@gmail.com	ECE Final Year
2819263	RAJESH KUMAR	Rajesh754495@gmail.com	ECE Final Year
2819264	ROHIT JAIN	vinayj076@gmail.com	ECE Final Year
2819267	NISHITA BHARDWAJ	bhardwaj.nishita9@gmail.com	ECE Final Year
2819269	SHYAM NANDAN SINGH	sshyamnandan930@gmail.com	ECE Final Year
2819270	LUCKY RAJ	luckyraj33448@gmail.com	ECE Final Year
2819272	SAURABH KUMAR	9402@gmail.com	ECE Final Year
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2819252	TUSHAR GARG	tusharsmk@gmail.com	ECE Final Year

2819277	VIKAS KUMAR	creativeboy.vk@gmail.com	ECE Final Year
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Ms. Sapna Arora

A.P,ECE Deaprtment