



**DEPARTMENT
 OF
 ELECTRONICS & COMMUNICATION ENGINEERING**

SL.NO	DETAILS OF THE EVENT	
1.	TITLE OF THE EVENT	Embedded Systems and Automotive Software (AI and Gen AI)
2.	YEAR / ODD –EVEN SEMESTER	2024-25 / EVEN SEM
3.	DAY AND DATE	22-03-2025 Saturday
4.	VENUE	3 rd floor Seminar hall
5.	ORGANIZED BY	ECE Department
6.	CO-ORDINATED BY	ECE HOD and Faculty
7.	FACULTY INCHARGE	Mr. Nagesh H B and Dr. Durga Indira N
8.	PARTICIPANTS	2 nd ,4 th ,6 th semECE Students
9.	BRIEF SUMMARY OF THE EVENT	Report Enclosed
10.	PHOTOS	Photos Enclosed.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

INVITATION

We cordially invite you for Organizing Seminar on 'Embedded Systems
and Automotive Software (AI and Gen AI)'

On

22-03-2025

By

Mr. Shivamurthy Bharath Bhogavimata
R&D Manager
M/s. Bosh Global Software Technologies Pvt.Ltd

TIME: -11 AM to 12:30PM

Venue: 3rd floor Seminar hall



Report on seminar:

Name of event: -Seminar on 'Embedded Systems and Automotive Software' (AI and Gen AI).

Date of event: -22nd March 2025

Place of event: -ACS College of engineering

Organized by: -Electronics and Communication Engineering department

Resource person: -Mr. Shivamurthy Bharath Bhogavimata, R&D Manager M/s. Bosh Global Software Technologies Pvt.Ltd

Introduction: -

Embedded systems are specialized computer systems designed to perform a specific task within a larger system or device. They are typically composed of hardware and software components, and are often used in real-time applications where reliability, efficiency, and accuracy are critical. Examples of embedded systems include traffic lights, medical devices, industrial control systems, and automotive systems.

Automotive software refers to the software used in vehicles to control and monitor various systems, such as engine control, transmission control, braking systems, and infotainment systems. Modern vehicles rely heavily on software to provide advanced features, improve safety, and enhance the driving experience.

Description: -

The Department of Electronics and communication engineering conducted a Seminar on 'Embedded Systems and Automotive Software' (AI and Gen AI) for Electronics and Communication Engineering students on the date

of 22nd March 2025. The resource person for the event was Mr. Shivamurthy Bharath Bhogavimata, R&D Manager M/s. Bosh Global Software Technologies Pvt. Ltd.

Dr. S M Vijaya, Prof. & HOD of Electronics and Communication Engineering department welcomed the gathering and introduced the chief guest Mr. Shivamurthy Bharath Bhogavimata to the audience.

The program was presided over by the Mr. Shivamurthy Bharath Bhogavimata. Speaker gave an introduction about Embedded systems and automotive software from its basic which is useful and plays major role in present generation.

Topics covered: -

- Embedded systems
- Automotive software
- Artificial intelligence (AI)
- Integration of AI and Gen AI

Conclusion: -

The convergence of embedded systems, automotive software, and artificial intelligence (AI) is transforming the automotive industry in unprecedented ways. As vehicles become increasingly connected, autonomous, and intelligent, the role of embedded systems and automotive software is becoming more critical than ever.


The integration of AI and Gen AI in automotive software and embedded systems is enabling vehicles to perceive their environment, make decisions, and take actions in real-time. This is leading to improved safety, efficiency, and driving experiences.






However, the development and deployment of AI-powered automotive systems also pose significant challenges, including ensuring safety and reliability, managing complexity and cybersecurity risks, and meeting regulatory requirements.

PHOTOS OF SEMINAR:




EVENT POSTER:


ACS COLLEGE OF ENGINEERING
Affiliated to VTU, Belagavi Approved by AICTE, New Delhi & GoK
No. 207 Kambipura, Mysore Road, Bangalore – 560 074

**DEPARTMENT OF ELECTRONICS
AND COMMUNICATION**

Organizing seminar on
**‘Embedded Systems and Automotive
Software (Ai and Gen AI)’**


Speaker
Mr. Shivamurthy Bharath Bhogavimata
R&D Manager
M/s. Bosch Global Software Technologies Pvt. Ltd


Date - 22.03.2025
Time - 11 AM to 12.30 PM


Venue:
3rd Floor Seminar Hall,
ACSCE

Organizing Committee :
Dr. Durga Indhira, Associate Professor
Mr. Nagesh H B, Asst. Professor

Dr. S M Vijaya
Prof. & HOD ECE

Dr. Anandthirtha B Gudi
Principal

Visit our website
 www.acsce.edu.in

 **9008545678**

ATTENDANCE:

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 IV & VI SEM STUDENT LIST - EVEN SEM - 2024-2025**

Event:
Date: 22/03/2025

Sl.No	USN	Student Name	Signature
1	1AH23EC053	Apandana d Gorisya	Apandana d Gorisya
2	1AH23EC037	Ajyanka. Hironalli	Ajyanka Hironalli
3	1AH23EC018	Hanahitha S	Hanahitha S
4	1AH23EC056	Vaishnavi	Vaishnavi
5	1AH23EC058	Vaishnavi V	Vaishnavi V
6	1AH23EC046	Sakshi B S	Sakshi B S
7	1AH23EC068	Chaitra Sanjana K.S	Chaitra Sanjana K.S
8	1AH23EC014	G. Moulya	G. Moulya
9	1AH23EC007	Bhansika Y	Bhansika Y
10	1AH23EC048	Shalini K.R	Shalini K.R
11	1AH23EC020	Lavanya K.S	Lavanya K.S
12	1AH23EC017	Hanahitha P.V	Hanahitha P.V
13	1AH23EC002	Akash P	Akash P
14	1AH23EC021	Kithi M	Kithi M
15	1AH23EC001	Abhishek C	Abhishek C
16	1AH23EC009	Chethan S	Chethan S
17	1AH23EC043	Rukith Gowda J	Rukith Gowda J
18	1AH23EC055	Tharun M	Tharun M
19	1AH23EC050	Shruti Odhah B.K	Shruti Odhah B.K
20	1AH23EC004	Ashwath Bisadai	Ashwath Bisadai
21	1AH23EC406	Samudra B.P	Samudra B.P
22	1AH22EC053	Spoosthi S.J	Spoosthi S.J
23	1AH22EC033	Nikitha P.J	Nikitha P.J
24	1AH22EC011	Dhruv J	Dhruv J
25	1AH22EC026	Meghana	Meghana
26	1AH24EC030	Subramanya S	Subramanya S
27	1AH24EC005	Kithi Koj	Kithi Koj
28	1AH24EC039	W.S. Joe Rana	W.S. Joe Rana
29	1AH24EC002	Ashish Parvathy A	Ashish Parvathy A
30	1AH23EC035	Bren K Marathi	Bren K Marathi
31	1AH23EC029	Pallavi S	Pallavi S
32	1AH23EC028	P. Arpitha	P. Arpitha
33	1AH23EC059	Vani N.P	Vani N.P
34	1AH22EC038	Pratham L	Pratham L
35	1AH22EC061	Ujwal Gowda V	Ujwal Gowda V
36	1AH22EC021	Lakith Gowda K.N	Lakith Gowda K.N
37	1AH23EC404	Pravjal B.J	Pravjal B.J
38	1AH22EC032	Narameet Kishore Pamdey	Narameet Kishore Pamdey
39	1AH24EC401	Ferapogu Mallesh	Ferapogu Mallesh
40	1AH24EC407	Vijaya B.S	Vijaya B.S



ACS College of Engineering
Approved by All India Council of Technical Education, Bangalore
(A Unit of Rajarajawade Group of Institutions)



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
IV & VI SEM STUDENT LIST - EVEN SEM - 2024-2025**

Event:

Date: 22/03/2025

Sl.No	USN	Student Name	Signature
1	1AH24AE032	Poornika B Negalur	<i>Poornika</i>
2	1AH24AE004	Akshitha S	<i>Akshitha S</i>
3	1AH24AE003	Akshitha .M	<i>Akshitha</i>
4	1AH24AE027	Marissa Paul	<i>Marissa</i>
5	1AH24AE028	Muktha	<i>Muktha</i>
6	1AH24AE030	Nihar Asadhya	<i>Nihar</i>
7	1AH24AE020	Gagana .G	<i>Gagana</i>
8	1AH24AS016	Deeksha .V	<i>Deeksha</i>
9	1AH24AS025	Jayashree . R	<i>Jayashree</i>
10	1AH24AS022	Gunashree . K	<i>Gunashree</i>
11	1AH24EC011	Hemant Gowda .T.K.	<i>Hemant</i>
13	1AH24EC012	Jayanthi .M	<i>Jayanthi</i>
14	1AH24AE035	R. Deepah MANJATHKAAA	<i>R. Deepah</i>
15	1AH24AE033	Prasanna . T.S.S	<i>Prasanna</i>
16	1AH24AS031	Md. Mateen .M. Karidamal	<i>Md. Mateen</i>
17	1AH24AS043	Srikar . R. M	<i>Srikar</i>
18	1AH24AS018	Dinesh .M	<i>Dinesh</i>
19.	1AH24CE400	V. BABU .	<i>V. BABU</i>
20	1AH24EC039	R. Arvind Siddharth	<i>R. Arvind</i>
21	1AH24EC030	Subramanyam . S	<i>Subramanyam</i>
22	1AH24EC038	Vimal	<i>Vimal</i>

HOD
Dr. S.M Vijaya
HOD
Dept. of ECE
ACS College of Engineering
Bangalore

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