

Report on Five Days Online Short Term Training Programme on “Embedded Systems, IoT and Security”, coordinated by the Department of Electronics and Communication Engineering in Collaboration with ISF SVCE

Event Name	Five Days Online Short Term Training Programme on “Embedded Systems, IoT and Security”
Centre (name)	Sri Venkateswara College of Engineering (Autonomous), Chennai
Venue (College/Institute)	Online Mode (Google Meet)
Date & Time	10/06/2024 to 14/06/2024 & 06 p.m to 07.30 p.m
Invited Speaker	<ul style="list-style-type: none"> ● Mr.C.Dhanasekar, Senior Electronics Team Leader, Valeo India Private Limited , Chennai. ● Mr.Rakesh Elamaran, Security Engineer 2, Comcast, Chennai. ● Dr.P.Rajasekaran, Assistant Professor, Department of Computing Technologies, SRM Institute of Science and Technology, Kattankulathur, Chennai. ● Mr. Tejwin Gehlot, Firmware Developer, Ortusolis Technology Solutions Private Limited, Bengaluru. ● Mr. D. Balabharathi, Software System Architect, Boat Lifestyle, Bangalore
Target Audience for the program	The target audience for the event were the Faculty members and Research Scholars from SVCE and other Institutions.
Brief Report including above information	The Department of ECE organized a Five Days Online Short Term Training Programme on “Embedded Systems, IoT and Security” in association with IETE Students Forum from 10.06.2024 to 14.06.2024 between 06.00 p.m to 07.30 p.m in Google Meet Platform. The session was handled by Mr.S.Lingesh, Python Developer, Simmer, Chennai. The event was really informative and interactive with participants to develop knowledge in the field of Embedded Systems. The Speaker has created many doubts during the queries session. The event was organized by Dr.T.J.Jeyaprabha, Associate Professor/ECE, Dr.M.Bindhu, Associate Professor/ECE, Mrs.R.Kousalya, Assistant Professor/ECE, Mrs.B.Sarala, Assistant Professor/ECE, Mr.L.K.Balaji Vignesh, Assistant Professor/ECE and Mr.A.Mahadevan, Assistant Professor/ECE under the guidance of Dr.S.Ganesh Vaidyanathan, Principal and Dr.G.A.Sathish Kumar, HOD/ECE.

Photographs (Max. 3) with short captions
(Resolution: 300 dpi, format: jpg)

Dhanasekar CHINNAPPAN (Presenting)

Emerging Trends in Embedded Systems - PowerPoint

Valeo

Emerging Trends in Embedded Systems

Prepared By ,
Dhanasekar CHINNAPPAN , Hardware Team Leader and Hardware Expert

SMART TECHNOLOGY FOR SMARTER MOBILITY

Participants: Dhanasekar CHINNAPPAN, Jencyfal Sampson ECE-S..., BINDHU M ECE, BALAJI VIGNESH ECE, 52 others, A MAHADEVAN

Rakesh Elamaran (Presenting)

TOP TRENDS

- Emergence of Automotive Cybersecurity Threats
- Harnessing the Power of Artificial Intelligence in Cybersecurity
- Mobile Devices: A Growing Target for Cyber Attacks
- Cloud Security Challenges and Solutions
- Data Breaches: A Persistent Concern
- IoT Security in the Era of 5G
- Embracing Automation for Enhanced Cybersecurity

Participants: Rakesh Elamar..., Jencyfal Samps..., Dr.R.Senthil Ga..., SUMA N MANJ..., MAGDALENE R..., Mary kannidi, Senthilkumar S, 60 others, MAHADEVAN ...

raja sekar (Presenting)

DDOS ATTACK IN PERVASIVE ENVIRONMENT

UNDERSTANDING THE THREAT LANDSCAPE

By Dr.Rajasekaran.P,Asst Prof,Dept of Clech,SRMIST,Kollonkualthur

Participants: Ranjitham G, NITHYASRI K S ECE, KOUSALYA R ECE, Mrs POORNIMA ..., Mary kannidi, Dr. Komala James, raja sekar, Pramodhini R, 14 others, MAHADEVAN A ...

MAHADEVAN A ECE (You, presenting)

Stop presenting

IoT Based Device in Industry 4.0

BY



Mr. Tejwin Gehlot,
Firmware Developer,
Ortusolis Tech. Solutions Pvt. Ltd,
Bengaluru

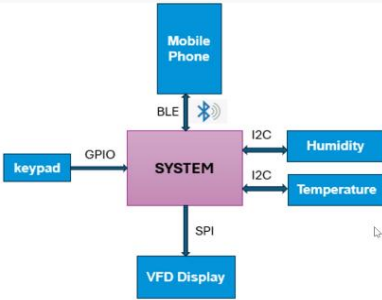
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Balabharathi D (Presenting)

Embedded System - Example

Environmental Monitoring System



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graph TD; MobilePhone[Mobile Phone] ---|BLE| SYSTEM[SYSTEM]; Keypad[keypad] ---|GPIO| SYSTEM; SYSTEM ---|SPI| VFD[VFD Display]; SYSTEM <-->|I2C| Humidity[Humidity]; SYSTEM <-->|I2C| Temperature[Temperature];
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