SRI VENKATESWARA COLLEGE OF ENGINEERING

(Autonomous - Affiliated to Anna University)
Pennalur, Sriperumbudur - 602117
www.svce.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TECHVISTARA IN EMBEDDED SYSTEMS

presenting you training program that will ignite your minds!!!!

DAY 1

Mr. Bala Bharathi D
Embedded Consultant, Bengaluru
on
"Building Embedded System
in Scalable Architecture"

3:00 PM to 4:00 PM (IST)

DAY 2

Mr. Sowmyan K
Firmware Engineer, Apple Inc., USA
on
"Real Time Projects in
Embedded Systems"

6:00 PM to 7:00 PM (IST)

DAY 3

Mr. Visweswaran J
*Territory Manager
(Academic Programs-South India),
National Instruments, Bengaluru* **on**
"DO ENGINEERING" and
21st Century Circuit Designs

4:30 PM to 5:30 PM (IST)

6th to 8th September 2020

Register at: https://docs.google.com/forms/d/e/1FAIpQLScXgJjj-c-
qvZBAlg9K6NxcfFeoO7FOoDw0UwTtefG3r-VMRg/viewform?usp=sf_link

https://meet.google.com/pho-wjne-xam?
hs=122&authuser=0

*E-certificates will be provided to participants on
submission of feedback*

Chief Patron:
Dr.M.Sivanandham, Professor, Secretary, SVEHT

Patron:
Dr.S.Ganesh Vaidyanathan, Principal, SVCE

Convenor:
Dr.S.Muthukumar, HOD, ECE

Coordinators:
Ms.T.J.Jeyaprabha, Assistant Professor, ECE
Ms.R.Kousalya, Assistant Professor, ECE
Ms.B.Sarala, Assistant Professor, ECE

SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
REPORT ON "TECHVISTARA IN EMBEDDED SYSTEMS"

TECHVISTARA IN EMBEDDED SYSTEMS was a three day training program organized by Department of Electronics and Communication Engineering, Sri Venkateswara College of Engineering from 06.09.2020 to 08.09.2020

DAY 1

TOPIC: "Building Embedded System in Scalable Architecture"
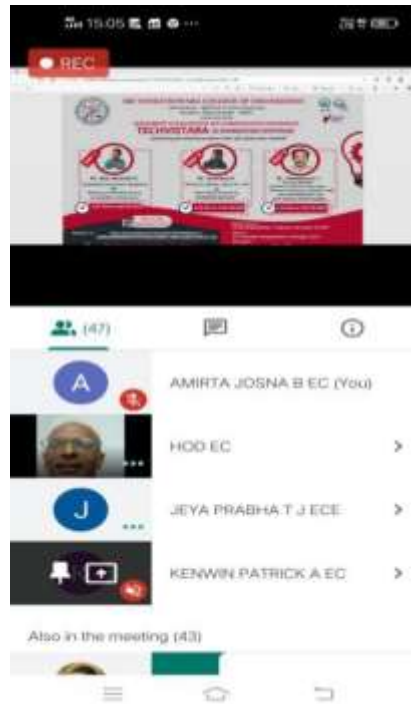
DATE: 06.09.2020

SPEAKER :   Mr. Bala Bharathi D (PG-ME-CS 2005 Alumnus), Embedded System Development Consultant

TIMINGS: 3.00 PM to 4.00 PM IST

NO OF PARTICIPANTS : 65+

Ms. Amirta Josna B, Executive Member, IETE-SF SVCE anchored the webinar, Dr.S.Muthukumar, HOD, ECE Department delivered the welcome address on **TECHVISTARA**

in EMBEDDED SYSTEMS and Mrs.T.J.Jeyaprabha, AP, ECE, introduced the speaker for Day 1.

Mr. Bala Bharathi D (PG Alumnus 2003-2005) is an Embedded System Development Consultant and is presently working for M/s Imagine Marketing Pvt. Ltd. – Doing TWS wearable Speakers for Indian Market (Brand name is BoAt). He has worked for Google Voice on Amazon's Alexa Project at M/s Sirena Technologies, Bengaluru. He has worked with Libre Wireless Technologies, Bengaluru in Audio products for 4 years. He was with M/S Jasmin Infotech, for 10 years. At Jasmin he was with Product Engineering Team, Denon Pioneer and Yamaha AVR (Home Theatre) Projects.

Key points about Day 1 Session:

The speaker asked the participants to write a code when a switch and LED are connected with MCU through GPIO. He gave a detailed view about scalable system and he explained that GPIO is a signal pin on an integrated circuit or a development board that can be used to perform input or output functions. The embedded scalable platforms are a novel approach to SOC design.

The session was very informative. All the participants grasped the knowledge portrayed by the speaker. It was an interactive session and active queries were put forth by the participants.

The session concluded with a "Vote of Thanks" by Ms. T.J.Jeyaprabha, Assistant Professor, ECE, SVCE.

DAY 2

TOPIC: "Real Time Projects in Embedded Systems"

DATE : 07.09.2020

SPEAKER: Mr. Sowmyan.K, (UG 2012 Alumnus), Firmware Engineer, Apple Inc. , USA

TIMINGS: 6.00 PM to 7.00 PM IST

NO OF PARTICIPANTS: 65+

Mr.Sowmyan is an UG alumnus who graduated from SVCE in 2012. He completed his Masters in Computer Engineering in the University of California Santa Barbara in 2013. He initially

worked in NXT semiconductors in San Jose California for 5 years. He is presently working as a Firmware Engineer at Apple Inc., USA.
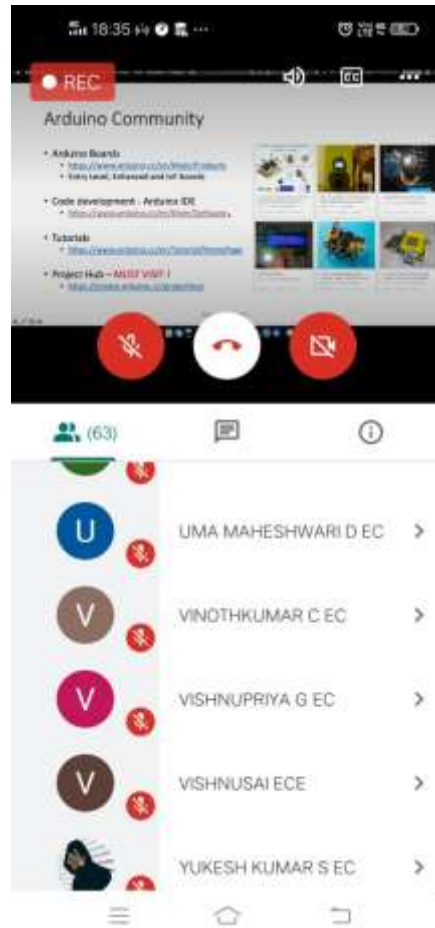

Ms.Saalini.D, Executive Member, IETE-SF, SVCE anchored the webinar. Ms.Sarala.B, Assistant Professor, ECE, SVCE delivered the welcome address and Ms.Kousalya R, Assistant Professor, ECE, SVCE introduced the speaker.

Key points of Day 2 Session:

The speaker gave a detailed outlook on the requirements for a project on Embedded Systems. He explained that VLSI, Digital System processing, Digital Signal processing, Control Systems and networks all together play an important role for projects related to Embedded Systems.

The session was very informative and interesting. All the participants grasped the knowledge provided by the speaker and the session motivated the participants to start their projects in the field of Embedded Systems.

The session concluded with a Vote of thanks by Ms.Sarala.B, Assistant Professor, ECE, SVCE.

DAY 3

TOPIC: "Doing Engineering" and "21st Century Circuit Designs"

DATE: 08.09.2020

SPEAKER :   Mr.Visweswaran.J, Territory Manager, South-India Zone, National Instruments, Bengaluru

TIMINGS: 4.30 PM to 5.30 PM IST
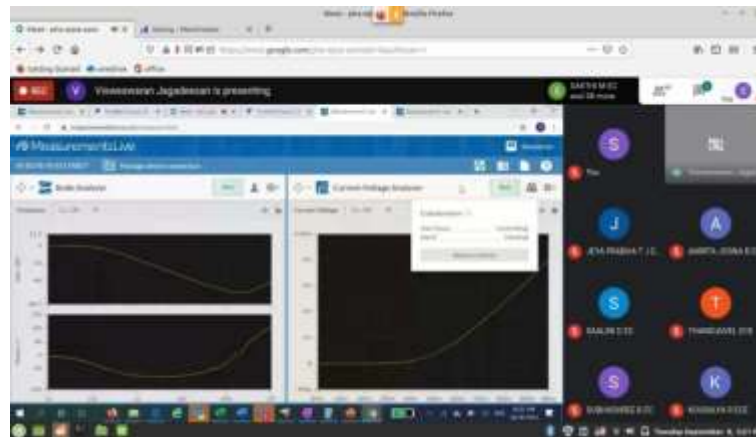
NO OF PARTICIPANTS: 50+

Ms.Saalini.D, Executive Member, IETE-SF, SVCE anchored the session. The welcome address was delivered by Ms. Kousalya.R, Assistant Professor, ECE, SVCE, and a short introduction about the speaker was given by Ms. Amirta Josna.B, Executive Member, IETE, SVCE.

The speaker Mr.Visweswaran.J, is Territory Manager, South-India Zone, National Instruments, Bengaluru.

Key points of Day 3 Session:

The speaker Mr.Visweswaran.J gave a detailed explanation of how a virtual Lab works and its effectiveness especially during the current COVID situation. He motivated the participants to "Do Engineering".

The session was very useful and motivating which made the participants think that virtual Lab is effective and fun too.

The session concluded with a "Vote of Thanks" by Ms.Kousalya.R, Assistant Professor, ECE, SVCE.

CHIEF PATRON:

Dr.S Ganesh Vaidyanathan, Principal ,SVCE

CONVENER:

Dr.S Muthukumar,Professor ,HOD ,ECE

FACULTY COORDINATORS:

Ms.T.J.Jeyaprabha, Assistant Professor, IETE-SF Coordinator, ECE, SVCE

Ms.Sarala.B, Assistant Professor, ECE, SVCE

Ms.Kousalya.R, Assistant Professor, ECE, SVCE

STUDENT COORDINATORS:

Mr.Thanigaivel, Honorary Treasurer, IETE-SF, SVCE

Executive Members of IETE-SF, SVCE

Mr.Akilesh Kumar B

Mr.Kenwin Patrick A

Mr.Siddique Afraaz N

Ms.Amirta Josna B

Ms.Krishnapriya S

Ms.Saalini D

HoD, ECE Department-

Sri Venkateswara College of Engineering

Department of Electronics and Communication Engineering

Techvistara in Embedded Systems - List of Participants

S. No.	Name of the Participant with salutation (Mr./Mrs./Dr./Prof.)	Year of study	Phone number
1	Mr. Siddique Afraaz N	II	8248698383
2	HARI PRASANNAA T R	II	6379220266
3	Mrs.Nisha	IV	9080647438
4	Ms.Sneha .S	II	8680935778
5	Mr. Vishnusai R	III	8056673333
6	Ms.Revilla Jyosthna	II	9361370133
7	Mr. SIVASUBRAMANIAN R	II	9952051048
8	ms.Sujitha R	II	7010030490
9	Mr.Kishore	II	6379659221
10	Mr. Sriman Narayan	II	9677037041
11	Mr.Maurya Vijayaramachandran	IV	9176316456
12	Mr.Gokul.	II	6383461823
13	Mr. Mukesh kumar	II	9361597243
14	Mr.Kathirvel R	II	9344838032
15	Mr. Kenwin Patrick . A	II	7397235424
16	Ms. Krishnapriya	II	8825635679
17	Ms.Vishnupriya G	II	9789304533
18	Mr.Pon Sai Raam.V	II	9384087040
19	Mr.Maheeraj J F	II	8610268358
20	Mr.R.ugendran	II	8778701330
21	Ms.DURGA G	II	7299776173
22	Ms.Amirta josna	II	9962401480
23	Ms.B.Gayathri	II	9940866677
24	Mr. SRIBALAJY N S	II	6385826339
25	Mr.Tharani balan SK	II	9499012742
26	Gnaneshwaran	II	9597885905
27	Ms. Srimathi S	III	6369212089
28	Ms.Radha G	II	9150722976

29	Mr. Rakesh Velavaluri	II	8142996128
30	Mr kishore kumar T	II	6369679299
31	Mr Suraj S.K	II	7550345693
32	A.Mannoj@Ramnadan	II	9003621500
33	Mr. Kishore	II	6381568309
34	Ms Keerthana M	II	7010687954
35	Ms. Sakthi M	II	9150769761
36	Ms.Varshini S	II	9361092072
37	Mr. SANTHOSH KUMAR.S	II	7904105050
38	Mr.M.Thanigaivel	III	9003188613
39	Mr.Kathirvel R	II	9344838032
40	Ms.Saranyaa	III	9962551264
41	Mrs.T.J.Jeyaprabha	others	9840742022
42	Swetha S	III	8939802333
43	Ms.Subhashree.B	II	9025824245
44	Ms Saalini.D	II	6380378409
45	Mr. VIJAY. V	others	7299217327
46	Mr. P. ARUL	others	9884372131
47	Mr.Hari Prasad P	II	8925623856
48	Mrs.S.Radhika	others	8489828970
49	Mrs.M.Vidhya	others	9840150933
50	Mr. M.Thanigaivel	III	9003188613

Coordinator

HoD-ECE