# Seminar on embedded system



### COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-63 1203, Tiruvallur TK & DT Approved by AICTE New Delhi & Affiliated to Anna University, Chennal (A Telugu Minority Institution)

### **EVENT REPORT**

Date: 25.09.2019

Name of Program

: Seminar on embedded system

Name of Resource person

: S.Nishanth

Date

: 24.09.2019

Time

: 09.00 AM to 3.30 PM

Venue

: ECE lab

**Programme Outcome** 

: PO9, PO10

Total number of student's benefitted : 79

Topic covered in seminar are

**Definition:** An embedded system is a computer system designed to perform specific tasks or functions within a larger system or device.

#### Components and Design Considerations

- Hardware: Microcontrollers or microprocessors, sensors, actuators, memory, and communication interfaces.
- Software: Operating systems (RTOS or bare-metal), application software, and firmware tailored to the specific requirements of the embedded system.
- Design Considerations: Power consumption, size and weight constraints, reliability, and real-time performance.

Applications of Embedded Systems Importance of Embedded Systems Future Trends in Embedded Systems

PLACEMENT OFFICER

Thirupachui

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### RESOURCE PERSON PROFILE



Name of the Resourse person : S.Nishanth

Qualification : ME

: 2 Years **Experience** 

S.Nishsnth has a solid background in embedded systems. He has two years of experience in teaching, likely involving courses related to embedded.here the topics she covered in teaching.

"Embedded Systems: A Contemporary Design Tool"

"Real-Time Operating Systems for Embedded Computing"

"Energy-Aware Computing: Challenges and Opportunities in Embedded Systems"

"Embedded Software: Facts, Figures, and Future"

"Security Challenges in Embedded Systems: Overview, Trends, and New Directions"

EMENT OFFICER

Thirupachur

PRINCIPAL Sri Venkateswara College of Engineering and Technology

**ICIPAL** 

Thirupachur, Thiruvallur - 631 203



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#### **REQUISITION LETTER**

Date: 09.09.2019

From

The Placement officer Sri Venkateswara College of Engineering and Technology Thirupachur

To

The Principal,
Sri Venkateswara College of Engineering and Technology
Thirupachur

Sub: - Reg - Seminar on embedded system.

Respected Sir,

On behalf of the Training & Placement cell at Sri Venkateswara College of Engineering & Technology, we would like to make a request for your permission to conduct the "Seminar on embedded system". The program will be held from 24.09.2019 for final Year electronics and communication students from Campus connect. kindly request you to grant permission to us to conduct the program successfully.

Thanking you.

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Date: 17.09.2019

#### **CIRCULAR**

Ref: SVCET/T & P/ Circular

This is to inform that the Training and Placement cell is planned to conduct the program "Seminar on embedded system" for all the students on 24.09.2019 by S.Nishanth for all the final year Electronics and communication students. All the students are asked to attend the session without fail.

PRINCIPAL

Copy Submitted To Chairman/Secretary/Treasurer-For Kind Information

Copy to:

1. Dean

2.All HODs

3. Notice board/file





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#### **BROCHURE**

Date: 17.09.2019



## SRI VENKATESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

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#### SEMINAR ON EMBEDDED SYSTEM

Mr.S.Nishanth

ECE LABORATORY
DATE: 24.09.2019
TIME:9.00AM

Seminar on embedded system

Thirupachur Pin: 631 203



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### DEPARTMENT OF TRAINING AND PLACEMENT CELL

### STUDENTS ENROLLMENT LIST

### LIFE SKILL PROGRAMME ON SEMINAR ON EMBEDDED SYSTEM

**ACADEMICYEAR: 2019-20** 

S.NO	REGISTER NO.	NAME	DEPARTMENT	YEAR
1	112417106001	AISWARYA C	ECE	IV
2	112417106002	AMALI.C	ECE	IV
3	112417106003	AMMINENI REVANTH	ECE	IV
4	112417106004	ASWINI.U	ECE	IV
5	112417106005	BANUMATHI.R	ECE	IV
6	112417106006	BHAVANI.K	ECE	IV
7	112417106007	BHAVANI.S	ECE	IV
8	112417106008	BHUVANESHWARI.P	ECE	IV
9	112417106009	CATHRIN K	ECE	IV
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14	112417106015	GEETHA RANI J	ECE	IV
15	112417106016	GNANAVEL M	ECE	IV
16	112417106017	GOKUL ESWARAN.N	ECE	IV
17	112417106018	GOMATHI S	ECE	IV
18	112417106019	GRACEYAS.M	ECE	IV
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20	112417106022	HIDAYATHULLAH.A.R	ECE	IV
21	112417106023	ILAKKIYA.P	ECE	IV
22	112417106025	KARANAM BHARATH KU	ECE	IV





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72	112417106080	VEERASEKARAN.G	ECE	IV
73	112417106082	VINITHA	ECE	IV
74	112417106083	YAMINI.K	ECE	IV
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### DEPARTMENT OF TRAINING AND PLACEMENT CELL

#### ATTENDANCE SHEET

### LIFE SKILL PROGRAMME ON SEMINAR ON EMBEDDED SYSTEM

YEAR: 2019-20

DATE-24 09 2019

DATE:24.09.20					
S.NO	REGISTER NO.	NAME	DEPT	SIGNATURE	
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PLACEMENT OFFICER



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#### **CERTIFICATE OF PARTICIPATION**

This is to certify that Mr/Ms	AMALI C	of
year, Department of	ECE	Engineering
has succesfully participated the "Seminar o	n embedded system" held on .	24.09.19
during the academic year 2019-2020.		
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GO-ORDINATOR	( PR	INCIPAL.

Seminar on embedded system





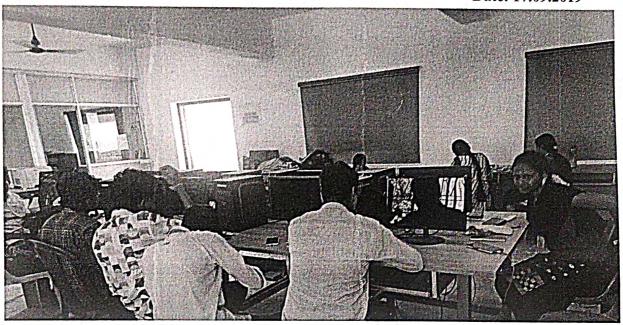
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Seminar on embedded system

#### **EVENT PHOTO**

Date: 17.09.2019



Seminar on embedded system



## Workshop on pspice



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### **EVENT REPORT**

Date: 22.10.2019

Name of Program

: Workshop on pspice

Name of Resource person

: Lydia Grace

Date

: 21.10.2019

Time

: 09.00 AM to 3.30 PM

Venue

: ECE lab

**Programme Outcome** 

: PO9, PO10

Total number of student's benefitted

50

### Simulation Capabilities

- ➤ Circuit Simulation: PSpice simulates analog, digital, and mixed-signal circuits. It can handle complex circuits with multiple components, including passive components (resistors, capacitors, inductors) and active components (transistors, operational amplifiers, ICs).
- > Transient Analysis: Simulates the circuit's response over time, useful for understanding dynamic behavior and transient effects.
- > AC and DC Analysis: Performs AC (frequency domain) and DC (steady-state) analyses to evaluate circuit performance across different operating conditions.
- > Parameter Sweeps: Allows variation of component values (e.g., resistors, capacitors) over a range to analyze circuit sensitivity and performance under different scenarios.
- Monte Carlo Analysis: Provides statistical analysis by simulating circuits with variations in component values to assess tolerance effects and reliability.
- Noise Analysis: Evaluates circuit noise performance, crucial for sensitive analog and mixed-signal designs.

PLACEMENT OFFICER

Thirupachur G

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### RESOURCE PERSON PROFILE



Name of the Resourse person

: Lydia Grace

Qualification

: M.E

Experience

: 5 Years

Lydia Grace completed her master degree in electronics and communication engineering. She train the students in PSPICE for 3 years. The list of topic in whic she is expert are Introduction to PSpice, Getting Started with PSpice, Creating Circuits in PSpice, Simulating Circuits, Analyzing Simulation Results, Advanced Features and Techniques.

PLACEMENT OFFICER

Thirupachur Pin: 631 203

PRINCIPAL Sri Venkateswara College o'

Engineering and Technology Thirupachur, Thiruvallur - 631 203



## COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-63 1203, Tiruvallur TK & DT
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(A Telugu Minority Institution)

#### REQUISITION LETTER

Date: 09.10.2019

From

The Placement officer Sri Venkateswara College of Engineering and Technology Thirupachur

To

The Principal,
Sri Venkateswara College of Engineering and Technology
Thirupachur

Sub: - Reg - Workshop on pspice.

Respected Sir,

On behalf of the Training & Placement cell at Sri Venkateswara College of Engineering & Technology, we would like to make a request for your permission to conduct the "Workshop on pspice". The program will be held from 21.10.2019 for third Year electronics and communication students from Campus connect. kindly request you to grant permission to us to conduct the program successfully.

Thanking you.

PRINCIPAL

Sri Venkateswara College of Engineering and Technology, Thirupachur, Thiruvallur - 631 203

Thirupachur Pin: 631 203



## COLLEGE OF ENGINEERING AND TECHNOLOGY Thirupachur-631203, Tiruvallur TK & DT

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Date: 14.10.2019

### **CIRCULAR**

Ref: SVCET/T & P/Circular

This is to inform that the Training and Placement cell is planned to conduct the program "Workshop on pspice" for the students on 21.10.2019 by Lydia Grace for all the third year Electronics and communication students . All the students are asked to attend the session without fail.

Copy Submitted To Chairman/Secretary/Treasurer-For Kind Information

Copy to:

1. Dean

2.All HODs

3. Notice board/file



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#### **BROCHURE**

Date: 14.10.2019



## SRI VENKATESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

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(A Telugu minority Institution)

#### **WORKSHOP ON PSPICE**

RESOURCE PERSON
Mrs.Lydia Grace

**ECE LABORATORY** 

DATE: 21.10.2019

TIME:9.00AM

Workshop on pspice

Thirupachur Golley Pin: 631 203



## COLLEGE OF ENGINEERING AND TECHNOLOGY

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### DEPARTMENT OF TRAINING AND PLACEMENT CELL

### STUDENTS ENROLLMENT LIST

#### LIFE SKILL PROGRAMME ON WORKSHOP ON PSPICE

**ACADEMICYEAR: 2019-20** 

S.NO	REGISTER NO.	NAME	DEPARTMENT	YEAR
1	112416106001	ARAVIND J	ECE	III
2	112416106002	ARUNODHAYA M	ECE	Ш
3	112416106003	ARUNTHATHI G	ECE	III
4	112416106004	BALAJI S	ECE	III
5	112416106005	DEEPAK KUMAR M	ECE	III
6	112416106006	DILLIRANI M	ECE	III
7	112416106007	EASWARI M	ECE	III
8	112416106008	GAYATHRI V	ECE	III
9	112416106009	GEETHA D	ECE	III
10	112416106010	GOMATHI D	ECE	III
11	112416106011	GREESHMA MOHAN	ECE	III
12	112416106012	JAIGANESH V	ECE	III
13	112416106014	KALAIVANI S	ECE	III
14	112416106015	KALAIVARMAN D	ECE	III
15	112416106016	KEERTHIKA G	ECE	III
16	112416106018	MOURRIYA HARRISH K	ECE	III
17	112416106019	NAVEEN KUMAR G	ECE	III
18	112416106021	PRIYA DHARSHINI G	ECE	III
19	112416106022	RAKESH A	ECE	III
20	112416106023	RAMYA N	ECE	III
21	112416106024	RAMYA S	EQE	III





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22	112416106025	SANDHIYA P S	ECE	III
23	112416106026	SANDHIYA S	ECE	III
24	112416106027	SANGAMITHRA V	ECE	III
25	112416106029	SATHYA E	ECE	III
26	112416106030	SENTHAMIZH SELVI R	ECE	III
27	112416106033	SHARAN M C	ECE	III
28	112416106034	SHATHIRKA R	ECE	III
29	112416106035	SHOBANA G	ECE	III
30	112416106036	SHOBANA M	ECE	III
31	112416106037	SRIDHAR S	ECE	III
32	112416106038	SRINIVASAN M	ECE	III
33	112416106039	SUMAN M	ECE	III
34	112416106040	SWAPNA R	ECE	III
35	112416106041	SWATHI S	ECE	III
36	112416106042	VANMATHI M	ECE	III
37	112416106043	VARALAKSHMI A	ECE	III
38	112416106044	VARSHA A	ECE	III
39	112416106045	VELU M	ECE	III
40	112416106046	VINODHINI V	ECE	III
41	112416106047	VINOTH KUMAR S	ECE	III
42	112416106302	ANUSUYADEVI.K	ECE	III
43	112416106304	D.W.EDWIN THILAK RAJ	ECE	III
44	112416106305	JAYASURIYA.S	ECE	III
45	112416106307	KISHORE .P	ECE	III
46	112416106308	MANIMEGALAI.G	ECE	III
47	112416106310	R.SATHYARAJ	ECE	III
48	112416106311	SUCHITRA ROY	ECE	III
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49	112416106312	SUNITHA.B	ECE	III
50	112416106313	SUVITHA.B	ECE	III

PLACEMENT OFFICER

PRINCIPAL



PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,

Thirupachur, Thiruvallur - 631 203



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### DEPARTMENT OF TRAINING AND PLACEMENT CELL

### ATTENDANCE SHEET

### LIFE SKILL PROGRAMME ON WORKSHOP ON PSPICE

YEAR: 2019-20

DATE:21.10.2019

S.NO	REGISTER NO.	NAME	DEPT	SIGNATURE
1	112416106001	ARAVIND J	ECE	Araud- J.
2	112416106002	ARUNODHAYA M	ECE	Another M.
3	112416106003	ARUNTHATHI G	ECE	Antha!
4	112416106004	BALAJI S	ECE	Balago
5	112416106005	DEEPAK KUMAR M	ECE '	Dook. w
6	112416106006	DILLIRANI M	ECE	Dillinus M'
7	112416106007	EASWARI M	ECE	Esun. M.
8	112416106008	GAYATHRI V	ECE	Courselvi .
9	112416106009	GEETHA D	ECE	Creatica
10	112416106010	GOMATHI D	ECE	Courti-
11	112416106011	GREESHMA MOHAN	ECE	Coo Auchun
12	112416106012	JAIGANESH V	ECE	Target V'
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14	112416106015	KALAIVARMAN D	ECE	Karlin binin
15	112416106016	KEERTHIKA G	ECE	Keenh. (. )
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18	112416106021	PRIYA DHARSHINI G	ECE	Almorkun -a'
19	112416106022	RAKESH A	ECE	That
20	112416106023	RAMYA N	ECE	John W.
21	112416106024	RAMYA S	ECE	Jonney N.
22	112416106025	SANDHIYA P S	ECE	Paule





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23	112416106026	SANDHIYA S	ECE	S. Souther
24	112416106027	SANGAMITHRA V	ECE	11 C
25	112416106029	SATHYA E	ECE	15 ON
26	112416106030	SENTHAMIZH SELVI R	ECE	Soliga
27	112416106033	SHARAN M C	ECE	C. Sharan
28	112416106034	SHATHIRKA R	ECE	Shathirem.
29	112416106035	SHOBANA G	ECE	G. Sholing
30	112416106036	SHOBANA M	ECE	Q Shortesta
31	112416106037	SRIDHAR S	ECE	S. Seidla
32	112416106038	SRINIVASAN M	ECE	M. Soi vivala
33	112416106039	SUMAN M	ECE	016
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36	112416106042	VANMATHI M	ECE	M. Varmathi
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38	112416106044	VARSHA A	ECE	111
39	112416106045	VELU M	ECE	7. Vaesha
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47	112416106310	R.SATHYARAJ	ECE	10 sainte
48	112416106311	SUCHITRA ROY	* H	K- Mthya Paj
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## SRI VENKATESWARA

COLLEGE OF ENGINEERING AND TECHNOLOGY
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(A Telugu Minority Institution) B. Sciutto SUVITHA.B 112416106313 **ECE** 

PLACEMENT OFFICER

**PRINCIPAL** 

Thirupachur Pin: 631 203



COLLEGE OF ENGINEERING AND TECHNOLOGY
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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms	GAYATHRI V		
year, Department of	ECE	Engineering	
has succesfully participated the "Workshop	on pspice" held on	13.08.2021	
during the academic year 2022-2023.			
Q <sub>M</sub>		PRINCIPAL	

Workshop on pspice





COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT

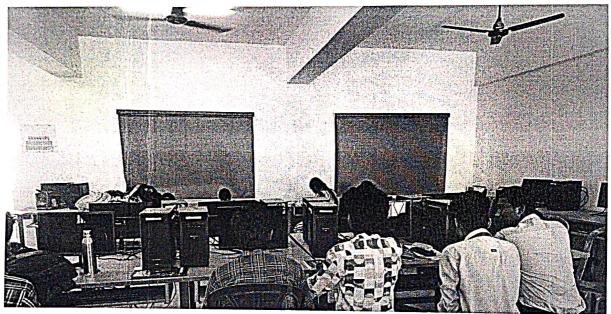
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Workshop on pspice

#### **EVENT PHOTO**

Date: 14.10.2019



Workshop on pspice

