



# SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Kaikkurichi, Pudukkottai – 622 303

ACADEMIC YEAR (2022-2023) / ODD SEMESTER

## CIRCULAR

Date: 22.09.2022

One Day Research Methodology Workshop on “**Research Challenges in Embedded Systems**” will be conducted by EEE department on 24.09.2022 in computer lab-I at 9.45AM. All II, III and IV year students of EEE are instructed to attend the program without fail.

PRINCIPAL  
22/9/22

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SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI - 622 303.  
PUDUKKOTTAI DISTRICT

Cc:

- HoD/EEE & Faculty Members
- All II,III & IV Year B.E EEE classes
- IQAC Coordinator
- Notice board
- Office File

Dr. S.THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai Dt.



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KAIKKURICHI, PUDUKKOTTAI - 622 303

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*Cordially invites you for the*

### Research Methodology Workshop

ON

### \*6 Research Challenges in Embedded Systems\*<sup>9\*</sup>

Date : 24.09.2022

Venue: Computer Lab-I

**Shri. G. Dhanasekaran**

Chairman, Sri Bharathi Educational Institutions

*Will Preside*

**Dr. S. Thilagavathi**, Principal, SBECW

&

**Shri. Er. N. Kanagarajan**, Correspondent, SBECW

*Will offer felicitation*

**Resource Person**

**Ms. Madhubala**

Embedded Developer

GALWIN Technology, Trichy.

**Dr. S. THILAGAVATHI M.E., Ph.D.,**

**PRINCIPAL**

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## Research Methodology Workshop

on

### “RESEARCH CHALLENGES IN EMBEDDED SYSTEMS”

DATE : 24.09.2022

TIME: 10.00 A.M

Welcome Address

: Ms. SIVARANJANI S  
IV/EEE, SBECW

Chief Guest Introduction

: Ms. RAGABRINTHA S  
AP/EEE, SBECW

Resource Person

: Ms. MADHUBALA  
Embedded Developer  
GALWIN Technology, Trichy.

TOPICS:

Session I

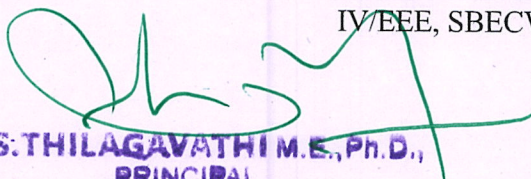
: *RTOS Challenges in Embedded  
Systems*

Session II

: *Power Management in Embedded  
Systems*

Vote of Thanks

: Ms. PAVITHRA M  
IV/EEE, SBECW

  
Dr. S. THILAGAVATHI M.E., Ph.D.,  
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India.

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2022-2023 / ODD SEMESTER

**Research Methodology Workshop**

on

**“RESEARCH CHALLENGES IN EMBEDDED SYSTEMS”**

STUDENTS PARTICIPATION LIST

Date: 24.09.2022

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/BRANCH
1	912621105001	GOKULAPRAVEENA A	II/EEE
2	912621105004	SUMITHRA S	II/EEE
3	912620105001	KAYALVIZHI K	III/EEE
4	912620105002	RAMADEVI S	III/EEE
5	912620105003	SRINANTHANA S	III/EEE
6	912620105302	KAVIYA R	III/EEE
7	912620105303	KOPPERUNDEVI S	III/EEE
8	912620105305	SRIBHARATHI S	III/EEE
9	912619105001	AASHIKA R	IV/EEE
10	912619105002	ABINAYA S	IV/EEE
11	912619105003	ABITHA P	IV/EEE
12	912619105004	ARTHY N	IV/EEE
13	912619105005	DEEPIKA R	IV/EEE
14	912619105007	NISHA S	IV/EEE
15	912619105008	PAVITHRA M	IV/EEE
16	912619105009	PRAGADEESHWARI A	IV/EEE
17	912619105010	SIVARANJANI S	IV/EEE
18	912619105301	RAGAVI R	IV/EEE

PROGRAM COORDINATOR

Dr. S. THILAGAVATHI M.E., Ph.D.

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ACADEMIC YEAR (2022-2023) / ODD SEMESTER

Research Methodology Workshop

on

**“RESEARCH CHALLENGES IN EMBEDDED SYSTEMS”**

STUDENTS ATTENDANCE LIST

Date: 24.09.2022

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/BRANCH	SIGNATURE
1	912621105001	GOKULAPRAVEENA A	II/EEE	A.Gokul
2	912621105004	SUMITHRA S	II/EEE	S.Sunithra
3	912620105001	KAYALVIZHI K	III/EEE	K.Kayal
4	912620105002	RAMADEVI S	III/EEE	R.Ramadevi
5	912620105003	SRINANTHANA S	III/EEE	S.Srinantha
6	912620105302	KAVIYA R	III/EEE	R.Kaviya
7	912620105303	KOPPERUNDEVI S	III/EEE	S.Kopperundevi
8	912620105305	SRIBHARATHI S	III/EEE	S.Sribharathi
9	912619105001	AASHIKA R	IV/EEE	R.Aashika
10	912619105002	ABINAYA S	IV/EEE	S.Abinaya
11	912619105003	ABITHA P	IV/EEE	P.Abitha
12	912619105004	ARTHY N	IV/EEE	N.Arthy
13	912619105005	DEEPIKA R	IV/EEE	R.Deepika
14	912619105007	NISHA S	IV/EEE	S.Nisha
15	912619105008	PAVITHRA M	IV/EEE	M.Pavithra
16	912619105009	PRAGADEESHWARI A	IV/EEE	A.Pragadeeshwari
17	912619105010	SIVARANJANI S	IV/EEE	S.Sivaranjani
18	912619105301	RAGAVI R	IV/EEE	R.Ragavi

PROGRAM COORDINATOR

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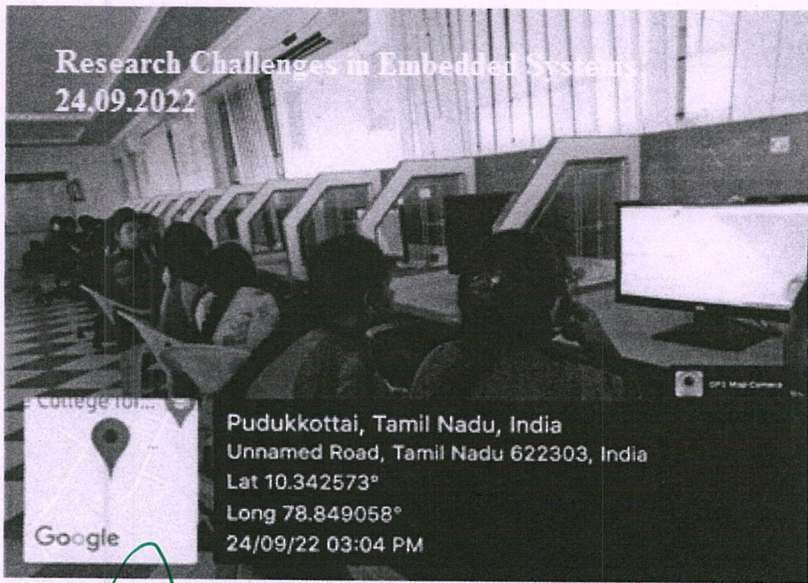


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## REPORT OF THE PROGRAM

1	<b>Program Name</b>	<b>Research Challenges in Embedded Systems</b>
2	<b>Date of program</b>	24.09.2022
3	<b>Resource person:</b>	<b>Ms.Madhubala,</b> Embedded Developer, GALWIN Technology, Trichy.
4	<b>Participants</b>	18
5	<b>Objective of program</b>	The main objective of the workshop is to identify and address the key obstacles and complexities associated with the design, development and research challenges of embedded systems.
6	<b>Program description</b>	The program commenced with a warm welcome address delivered by Ms.S.Sivaranjani, final year student and chief guest introduction given by Ms.S.Ragabrintha AP EEE Department. The workshop had a total of 18 participants. The resource person enlightened the Resource Constraints, Real-Time Operation, System Integration, Safety and Security, Power Efficiency and software complexity of the embedded systems. These challenges underscore the importance of ongoing research and innovation in the field of embedded systems to address the evolving needs of various industries and applications. All the participants were motivated to do research in embedded systems. The session demonstrated itself as exceptionally attractive and enlightening. The session concluded with a vote of thanks by Ms.M.Pavithra, final year student from EEE Department.
7	<b>Outcome of this program</b>	The students have acquired insights into how the research challenges within embedded systems reflect the complex nature of these specialized computing systems.
8	<b>Photo</b>	

  
PROGRAM COORDINATOR

  
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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**CERTIFICATE OF PARTICIPATION**

This is to certify that Ms. SUMITHRA S, II EEE of Sri Bharathi Engineering College for Women has participated in one day Research Methodology Workshop on “**RESEARCH CHALLENGES IN EMBEDDED SYSTEMS**” organized by department of Electrical and Electronics Engineering on 24.09.2022 during the academic year 2022-2023.

*B. Prasad*  
HoD/EEE

*[Signature]*  
Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
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*[Signature]*  
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**CERTIFICATE OF PARTICIPATION**

This is to certify that Ms. KAVIYA R , III EEE of Sri Bharathi Engineering College for Women has participated in one day Research Methodology Workshop on “**RESEARCH CHALLENGES IN EMBEDDED SYSTEMS**” organized by department of Electrical and Electronics Engineering on 24.09.2022 during the academic year 2022-2023.

*B. R. Srinivasan*  
HoD/EEE

*[Signature]*  
Dr. S. THILAGAVATHI M.E., Ph.D.,  
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*[Signature]*  
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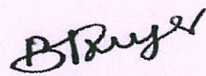
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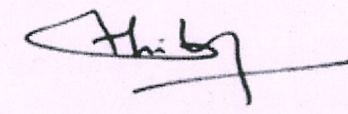
***DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING***

***CERTIFICATE OF PARTICIPATION***

This is to certify that Ms. ARTHY N , IV EEE of Sri Bharathi Engineering College for Women has participated in one day Research Methodology Workshop on “**RESEARCH CHALLENGES IN EMBEDDED SYSTEMS**” organized by department of Electrical and Electronics Engineering on 24.09.2022 during the academic year 2022-2023.

  
HoD/EEE

  
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