

SRI BHARATHI

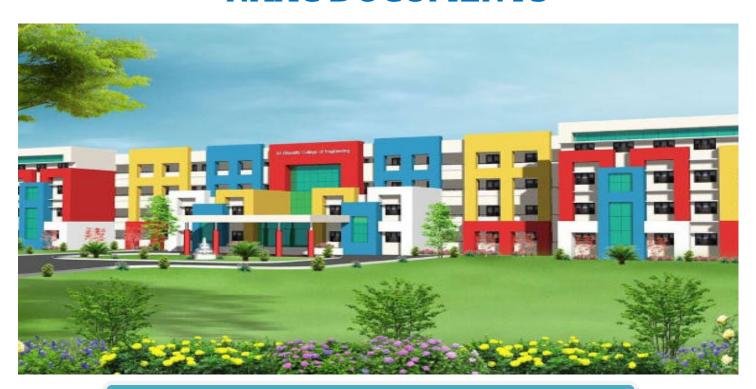
ENGINEERING COLLEGE FOR WOMEN

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

Kaikkurichi, Pudukkottai -622 303

www.sbec.edu.in

NAAC DOCUMENTS



Quality Indicator Frame Work

Criterion – 2

Teaching-Learning and Evaluation

Submitted by

IQAC
Internal Quality Assurance Cell

Sri Bharathi Engineering College for Women

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-25) Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Criteria 2 Teaching-Learning and Evaluation 350

Key Indicator- 2.3. Teaching- Learning Process (40)

2020-2021

ELECTRICAL AND ELECTRONICS ENGINEERING

EXPERIENTIAL LEARNING

Activity	Number of Students Attended	Page No.
Internship	18	3
Laboratory	16	24
In Plant Training	7	33
TOTAL STUDENTS ATTENDED	41	-

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-25) Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator- 2.3. Teaching- Learning Process (40)

2020-2021

ELECTRICAL AND ELECTRONICS ENGINEERING

EXPERIENTIAL LEARNING INTERNSHIP

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
Kaikkurichi, Pudukkottai, Tamilnadu – 622 303, India
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Experiential learning(In-Plant Training,Internship,Industrial visit)

ACADEMIC YEAR 2020-2021

EXPERIENTIAL LEARNING METHOD-INTERNSHIP

S.NO	REGISTER NO	NAME	YEAR / SEM	NAME OF THE LEARNING METHOD
	912619105001	AASHIKA R		
	912619105002	ABINAYA S		
	912619105003	ABITHA P	. 5	
	912619105004	ARTHY N		
	912619105005	DEEPIKA R		
1	912619105007	NISHA S	II/IV	
	912619105008	PAVITHRA M		
	912619105009	PRAGADEESHWARI A		
	912619105010	SIVARANJANI S		EXPERIENTIAL
	912619105301	RAGAVI R		LEARNING- INTERNSHIE - VI MICROSYSTEMS PVT
	912618105001	AARTHI G		LTD, CHENNAI.
	912618105002	AASHA R		
	912618105003	AGARI S		
	912618105004	JEEVITHA R		
2	912618105005	NISHA K	III/VI	
	912618105006	RAMANA R		
	912618105007	SNEHA S		
	912618105301	VINOTHINI V		

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

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. HoD/EEE

HOD EEE
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI
PUDUKKOTTAI



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Pudukkottai - Aranthangi Road, Kaikkurichi, Pudukkottai - 622 303.

This is to certify that the following students of our college are studying II, III of B.E / Electrical and Electronics Engineering during this academic year 2020-2021.

S.NO	REG.NO	NAME	
	II YEAR	EEE-IV SEM	
1.	912619105001	AASHIKA R	
2.	912619105002	ABINAYA S	
3.	912619105003	ABITHA P	
4.	912619105004	ARTHY N	
5.	912619105005	DEEPIKA R	
6.	912619105007	NISHA S	
7.	912619105008	PAVITHRA M	
8.	912619105009	PRAGADEESHWARI A	
9.	912619105010	SIVARANJANI S	
10.	912619105301	RAGAVI R	
	III YEAR	EEE-VI SEM	
11.	912618105001	AARTHI G	
12.	912618105002	AASHA R	
13.	912618105003	AGARI S	
14.	912618105004	JEEVITHA R	
15.	912618105005	NISHA K	
16.	912618105006	RAMANA R	
17.	912618105007	SNEHA S	
18.	912618105301	VINOTHINI V	

This certificate is issued only for the purpose of attending INTERNSHIP in Vi Microsystems Pvt. Ltd, Chennai.

> PUDUKKOTTAI DI ILAGAVATHI M.E., Ph.D., PRINCIPAL

KAIKKURICHI

185 + NO

SRI BHARATHI ENGINEERING SRI BHARATHI ENGINEERING **COLLEGE FOR WOMEN** COLLEGE FOR WOMEN

Mobile: 99422 28029 97509 28029 622 303. website: www.sbec.edu.in e-mail: sribharathiengdcollege@gmail.com



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

GERTIFICATE OF GOMPLETION

This is to certify that M_F/Ms <u>AASHIKA R</u> studying <u>B.E, II YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI</u> has successfully completed his/her Internship training programme on <u>EMBEDDED WITH IOT</u> in our company from <u>04-01.2021</u> to <u>15-01.2021</u> through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

We wish success in all future endeavors.

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

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. V. As Shank

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms ABINAYAS studying B.E, II YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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Dr. S.THILAGAVATHI M.E., PKD.,

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Talkholidi - 627 303 Pudukkolidi Di

V. Os Shank

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that MF/Ms ABITHAP studying B.E., II YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukköttai Dt. V. As Same

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

GERTIFICATE OF GOMPLETION

This is to certify that M_F/Ms ARTHY N studying B.E, II YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. V. Os Shank

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms DEEPIKAR studying B.E, II YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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

PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. V. As Shank

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that MF/Ms NISHAS studying B.E, II YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

We wish success in all future endeavors.

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

PRINCIPAL SRI BHARATHI ENGINEERING

COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukköttai Dt.

V. Os Shamk

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms PAVITHRAM studying B.E, II YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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

PRINCIPAL

COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.

V. O. A Shank

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms PRAGADEESHWARI A studying B.E. II YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurchi - 622 303, Pudukkottai Dt.

V. O. A Shank

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that M_F/Ms <u>SIVARANJANI S</u> studying <u>B.E., II YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on <u>EMBEDDED WITH IOT</u> in our company from <u>04-01.2021</u> to <u>15-01.2021</u> through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.</u>

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

PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurchi - 622 303, Pudukkottai Dt.

V. O. A Shank

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

GERTIFICATE OF GOMPLETION

This is to certify that MF/Ms RAGAVI R studying B.E. II YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH 10T in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

We wish success in all future endeavors.

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

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. V. As Alank

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

GERTIFICATE OF GOMPLETION

This is to certify that Mr/Ms AARTHI G studying B.E, III YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN. KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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Dr S.THILAGAVATHI M.E.,PKD.,

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. V. As Alamb

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that M_F/Ms <u>AASHA R</u> studying <u>B.E, III YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI</u> has successfully completed his/her Internship training programme on <u>EMBEDDED WITH IOT</u> in our company from <u>04-01.2021</u> to <u>15-01.2021</u> through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurchi - 622 303, Pudukkottai Dt.

V. As Same

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that MF/Ms AGARI S studying B.E, III YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. V. O. A Alamb

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

GERTIFICATE OF COMPLETION

This is to certify that M_F/Ms <u>IEEVITHAR</u> studying <u>B.E. III YEAR</u>, <u>ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI</u> has successfully completed his/her Internship training programme on <u>EMBEDDED WITH IOT</u> in our company from <u>04-01.2021</u> to <u>15-01.2021</u> through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurchi - 622 303, Pudukkottai Dt.

V. O. A Shank

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

GERTIFICATE OF GOMPLETION

This is to certify that MF/Ms NISHAK studying B.E, III YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI

BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

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

PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. V. O. A Shank

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that M_F/Ms RAMANA R studying B.E, III YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

We wish success in all future endeavors.

1. S.THULAGANATHI M.E., PA.D.,

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. V. As Alamb

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLET

This is to certify that Mr/Ms SNEHAS studying B.E, III YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

We wish success in all future endeavors.

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

SRI BHARATHI ENGINEERING **COLLEGE FOR WOMEN** Kalkkurchi - 622 303, Pudukkottai Dt.

MANAGER



Plot No: 75, Electronics Estate, Perungudi, Chennai- 600096

CERTIFICATE OF COMPLETION

This is to certify that MF/Ms VINOTHINI V studying B.E, III YEAR, ELECTRICAL AND ELECTRONICS ENGINEERING IN SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN, KAIKKURICHI has successfully completed his/her Internship training programme on EMBEDDED WITH IOT in our company from 04-01.2021 to 15-01.2021 through virtual mode. We appreciate his/her interest and the efforts taken to do this training programme. During the period his/her conduct and the performance is satisfactory.

We wish success in all future endeavors.

DE S. I HILAGAVATHI M.E., Ph.O.,

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. V. As Shank

MANAGER

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-25) Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator- 2.3. Teaching- Learning Process (40)

2020-2021

ELECTRICAL AND ELECTRONICS ENGINEERING

EXPERIENTIAL LEARNING LABORATORY



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurichi, Pudukkottai, Tamil Nadu - 622 303, India (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25) DEPARTMENT OF ELECRICAL AND ELECTRONICS ENGINEERING

Experiential learning(Project,In-Plant Training,Industrial visit,Local visit)

ACADEMIC YEAR (2020-2021)

LABORATORY COURSES -II YEAR

EE8311

ELECTRICAL MACHINES LABORATORY-I

LTPC 0 0 4 2

OBJECTIVES:

To expose the students to the operation of D.C. machines and transformers and give them experimental skill.

LIST OF EXPERIMENTS

- Open circuit and load characteristics of DC shunt generator- critical resistance and criticalspeed.
- Load characteristics of DC compound generator with differential and cumulative connections.
- 3. Load test on DC shunt motor.
- Load test on DC compound motor.
- 5. Load test on DC series motor.
- 6. Swinburne's test and speed control of DC shunt motor.
- 7. Hopkinson's test on DC motor – generator set.
- Load test on single-phase transformer and three phase transformers. 8.
- Open circuit and short circuit tests on single phase transformer. 9.
- 10. Sumpner's test on single phase transformers.
- Separation of no-load losses in single phase transformer. 11.
- 12 Study of starters and 3-phase transformers connections.

TOTAL: 60 PERIODS

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

PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN KAKKURICHI. PUDUKKOTTAI - 622 303.



Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25) DEPARTMENT OF ELECRICAL AND ELECTRONICS ENGINEERING

Experiential learning(Project,In-Plant Training,Industrial visit,Local visit)

ACADEMIC YEAR (2020-2021) LABORATORY COURSES -II YEAR

LIST OF EQUIPMENT FOR A BATCH OF 30 STUDENTS:

- DC Shunt Motor with Loading Arrangement 3 nos 1.
- DC Shunt Motor Coupled with Three phase Alternator 1 No. 2.
- 3. Single Phase Transformer – 4 nos
- DC Series Motor with Loading Arrangement 1 No. 4.
- DC compound Motor with Loading Arrangement 1 No. 5.
- 6. Three Phase Induction Motor with Loading Arrangement – 2 nos
- 7. Single Phase Induction Motor with Loading Arrangement – 1 No.
- 8. DC Shunt Motor Coupled With DC Compound Generator – 2 nos
- DC Shunt Motor Coupled With DC Shunt Motor 1 No. 9.
- 10. Tachometer -Digital/Analog 8 nos
- 11. Single Phase Auto Transformer 2 nos
- 12. Three Phase Auto Transformer 1 No.
- 13. Single Phase Resistive Loading Bank 2 nos
- 14. Three Phase Resistive Loading Bank. 2 nos

HOD ELE

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN KAIKKURICHI.

PUDUKKOTTAI - 622 303,

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

PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurchi - 622 303, Pudukkottai Dt.



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25) DEPARTMENT OF ELECRICAL AND ELECTRONICS ENGINEERING

Experiential learning(Project,In-Plant Training,Industrial visit,Local visit)

ACADEMIC YEAR (2020-2021) LABORATORY COURSES -II YEAR

BATCH LIST

S.No	Reg No	Name of the student	Batch	Laboratory Course	Year/ Branch
1	912618105001	AARTHI G			
2	912618105002	AASHA R	1		
3	912618105003	AGARI S	1	EE8311-	
4	912618105004	JEEVITHA R		ELECTRICAL	
5	912618105005	NISHA K		MACHINE	North States
6	912618105006	RAMANA R	II	LABOPRATO RY -I	II/EEE
7	912618105007	SNEHA S	- 11	K1-1	
8	912618105301	VINOTHINI V			

HoD/EEE
HOD EEE
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI
PUDUKKOTTAI - 622 303,

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

Internal Marks Report

College Code / Name

: 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Branch Code / Name

: 105 - B.E. Electrical and Electronics Engineering

Semester: 03

University: AUC

Regulation: 2017

S.No	Register Number	Name	EC8311	EC8353	EE8301	EE8311	EE8351	EE8391	MA8353	ME8792
1	912618105001	AARTHI G	20	18	17	20	17	18	17	17
2	912618105002	AASHA R	20	18	18	20	18	19	18	18
3	912618105003	AGARI S	20	18	17	20	18	18	17	17
4	912618105004	JEEVITHA R	20	19	18	20	19	19	18	18
5	912618105005	NISHA K	20	19	19	20	18	19	18	18
6	912618105006	RAMANA R	20	18	18	20	18	19	18	18
7	912618105007	SNEHA S	20	18	17	20	17	18	17	17
8	912618105301	VINOTHINI V	20	17	17	19	17	17	16	17

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

PRINCIPAL



Kaikkurichi, Pudukkottai, Tamil Nadu - 622 303, India (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25) DEPARTMENT OF CIVIL ENGINEERING

Experiential learning(Project,In-Plant Training,Industrial visit,Local visit) ACADEMIC YEAR (2020-2021) LABORATORY COURSES -III YEAR

EE8681 MICROPROCESSORS AND MICROCONTROLLERS

LTPC

LABORATORY

0 0 4 2

OBJECTIVES:

- To provide training on programming of microprocessors and microcontrollers and understand the interface requirements.
- To simulate various microprocessors and microcontrollers using KEIL or Equivalent simulator

LIST OF EXPERIMENTS

- 1 Simple arithmetic operations: addition / subtraction / multiplication / division.
- Programming with control instructions: 2
 - (i) Ascending / Descending order, Maximum / Minimum of numbers.
 - (ii) Programs using Rotate instructions.
 - (iii) Hex / ASCII / BCD code conversions.
- 3 Interface Experiments: with 8085
 - (i) A/D Interfacing. & D/A Interfacing.
- Traffic light controller. 4
- 5 I/O Port / Serial communication
- Programming Practices with Simulators/Emulators/open source
- 7 Read a key ,interface display
- Demonstration of basic instructions with 8051 Micro controller execution, including:
 - Conditional jumps & looping
 - (ii) Calling subroutines.
- Programming I/O Port and timer of 8051
 - (i) study on interface with A/D & D/A
 - (ii) Study on interface with DC & AC motors
- 10 Application hardware development using embedded processors.

TOTAL: 60 PERIODS

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

KAKKURICH! PUDUKKOTTAI - 622 303,

Dr. S.THILAGAVATHEM.E., Ph.D.,

PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMAN

Kaikkurchi - 622 303, Pudukkotta Dt.



Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25) DEPARTMENT OF CIVIL ENGINEERING

Experiential learning(Project,In-Plant Training,Industrial visit,Local visit)

ACADEMIC YEAR (2020-2021) LABORATORY COURSES -III YEAR

LIST OF EQUIPMENT FOR A BATCH OF 30 STUDENTS:

S.No.	Description of Equipment	Quantity required
1.	8085 Microprocessor Trainer with Power Supply	15
2.	8051 Micro Controller Trainer Kit with power supply	15
3.	8255 Interface boards	5
4.	8251 Interface boards	5
5.	8259 Interface boards	5
6.	8279 Keyboard / Display Interface boards	5
7.	8254 timer/ counters	5
8.	ADC and DAC cards	5
9.	AC & DC motor with Controller s	5
10.	Traffic Light Control Systems	5

HdD/EEE
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Dr. S.THILAGAVATHI M.E., Ph.D.,



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25) DEPARTMENT OF CIVIL ENGINEERING

 ${\bf Experiential\ learning (Project, In-Plant\ Training, Industrial\ visit, Local\ visit)}$

ACADEMIC YEAR (2020-2021) LABORATORY COURSES -III YEAR

BATCH LIST

S.No	Reg No	Name of the student	Batch	Laboratory Course	Year/ Branch
1	912617105001	NAZEERA BANU I			
2	912617105002	PARTHIKA S	1		
3	912617105003	PRIYA T	1	EE8681-	
4	912617105004	SAJINA K		MICROPROCESSOR AND	
5	912617105005	SELSIYA R		MICROCONTROLLER	III/EEE
6	912617105006	THENMOZHI J	II	LABORATORY	
7	912617105007	VANITHA E	111		
8	912617105302	SIYAMALADEVI S			

HoD/EEE

HOD EEL
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COLLEGE FOR WOMEN

KAIKKURICHI,

NG

PUDUKKOTTAI - 622 303.

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

PRINCIPAL

Internal Marks Report

College Code / Name

: 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Branch Code / Name

: 105 - B.E. Electrical and Electronics Engineering

Semester: 06

University: AUC

Regulation: 2017

S.No	Register Number	Name	EE8005	EE8601	EE8602	EE8611	EE8661	EE8681	EE8691	GE8075
1	912617105001	NAZEERA BANU I	10	11	12	19	19	19	10	12
2	912617105002	PARTHIKA S	10	11	10	19	19	19	9	7
3	912617105003	PRIYA T	9	10	10	19	18	19	9	8
4	912617105004	SAJINA K	8	10	9	19	18	18	8	6
5	912617105005	SELSIYA R	11	11	12	20	20	20	10	9
6	912617105006	THENMOZHI J	11	11	12	20	20	20	7	11
7	912617105007	VANITHA,E	9	10	10	19	18	19	10	7
8	912617105302	SIYAMALADEVI S	10	10	6	19	19	19	9	8

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

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Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator- 2.3. Teaching- Learning Process (40)

2020-2021

ELECTRICAL AND ELECTRONICS ENGINEERING

EXPERIENTIAL LEARNING IN PLANT TRAINING



(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai-25) Kaikkurichi, Pudukkottai, Tamil nadu - 622 303, India DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Experiential learning(In-Plant Training, Internship, Industrial visit)

ACADEMIC YEAR 2020-2021

EXPERIENTIAL LEARNING METHOD- IN-PLANT TRAINING

S.NO	REGISTER NO	NAME	YEAR / SEM	NAME OF THE LEARNING METHOD
	912617105001	NAZEERA BANU I		
	912617105003	PRIYA T		
	912617105004	SAJINA K		
1	912617105005	SELSIYA R	IV/VIII	EXPERIENTIAL LEARNING
	912617105006	THENMOZHI J		INPLANT TRAINING
	912617105007	VANITHA E		- TNEB, PUDUKKOTTAI.
	912617105302	SIYAMALADEVI S		

- HOD EEE SM BHARATHI ENGINEERING COLLEGE FOR WOMEN KAIKKURICHI. PUDUKKOTTAI - 622 303.

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



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Pudukkottai - Aranthangi Road,
Kaikkurichi, Pudukkottai - 622 303.

Date: 28:12:20

This is to certify that the following students of our college are studying IV of B.E $\!\!\!/$ Electrical and Electronics Engineering during this academic year 2020-2021.

S.NO	REG.NO	NAME
	IV YEAR	EEE-VII SEM
1.	912617105001	NAZEERA BANU I
2.	912617105003	PRIYA T
3.	912617105004	SAJINA K
4.	912617105005	SELSIYA R
5.	912617105006	THENMOZHI J
6.	912617105007	VANITHA E
7.	912617105302	SIYAMALADEVIS

This certificate is issued only for the purpose of attending IN-PLANT TRAINING in TNEB, Pudukkottai.

PRINCIPAL

PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN KAIKKURICHI - 622 303.

PUDUKKOTTALDISTRICT

Dr. S.THILAGAVATHI ME. Ph.D.

PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukköttai Dt.

Ph: 04322 - 242768 Mobile: 99422 28029, 97509 28029

website: www.sbec.edu.in e-mail: sribharathienggcollege@gmail.com



METER AND RELAY TEST PUDUKOTTAI

CERTIFICATE

This is to certified that Selvi. I.NAZEERA BANU D/o A.Irrahim Kalifullah of IV year B.E/EEE in Sri Bharathi Enggineering College for Women, Kaikurichi, Pudukkottai has completed her INPLANT TRAINING for the period from 04.01.2021 to 08.01.2021 in Meter and Relay Test sub division, TANGEDCO, Pudukkottai satisfactory.

EXECUTIVE ENGINEER
Meter and Relay Test

Pudukkottai

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



METER AND RELAY TEST PUDUKOTTAI

CERTIFICATE

This is to certified that Selvi. T.PRIYA D/o T.Thangasamy of IV year B.E/EEE in Sri Bharathi Enggineering College for Women, Kaikurichi, Pudukkottai has completed her INPLANT TRAINING for the period from 04.01.2021 to 08.01.2021 in Meter and Relay Test sub division, TANGEDCO, Pudukkottai satisfactory.

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EXECUTIVE ENGINEER
Meter and Relay Test
Pudukkottai

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



METER AND RELAY TEST PUDUKOTTAI

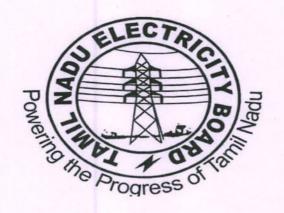
CERTIFICATE

This is to certified that Selvi. **K.SAJINA** D/o **S.Kumaravel** of **IV year B.E/EEE** in Sri Bharathi Enggineering College for Women, Kaikurichi, Pudukkottai has completed her **INPLANT TRAINING** for the period from 04.01.2021 to 08.01.2021 in **Meter and Relay Test sub division**, **TANGEDCO**, **Pudukkottai** satisfactory.

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Meter and Relay Test
Pudukkottai

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PRINCIPAL



METER AND RELAY TEST PUDUKOTTAI

CERTIFICATE

This is to certified that Selvi. R.SELSIYA D/o V.Ramaswamy of IV year B.E/EEE in Sri Bharathi Enggineering College for Women, Kaikurichi, Pudukkottai has completed her INPLANT TRAINING for the period from 04.01.2021 to 08.01.2021 in Meter and Relay Test sub division, TANGEDCO, Pudukkottai satisfactory.

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Pudukkottai

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METER AND RELAY TEST PUDUKOTTAI

CERTIFICATE

This is to certified that Selvi. J.THENMOZHI D/o K.Jeevanantham of IV year B.E/EEE in Sri Bharathi Enggineering College for Women, Kaikurichi, Pudukkottai has completed her INPLANT TRAINING for the period from 04.01.2021 to 08.01.2021 in Meter and Relay Test sub division, TANGEDCO, Pudukkottai satisfactory.

Dr. S.THILAGAVATHI M.E., Pb.D.,
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SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. EXECUTIVE ENGINEER
Meter and Relay Test

Pudukkottai



METER AND RELAY TEST PUDUKOTTAI

CERTIFICATE

This is to certified that Selvi. **E.VANITHA** D/o **K.Elangovan** of **IV year B.E/EEE** in Sri Bharathi Enggineering College for Women, Kaikurichi, Pudukkottai has completed her **INPLANT TRAINING** for the period from 04.01.2021 to 08.01.2021 in **Meter and Relay Test sub division**, **TANGEDCO**, **Pudukkottai** satisfactory.

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Kaikkurchi - 622 303, Pudukkottai Dt.

EXECUTIVE ENGINEER
Meter and Relay Test

Pudukkottai



METER AND RELAY TEST PUDUKOTTAI

CERTIFICATE

This is to certified that Selvi. **S.SIYAMALADEVI** D/o **R.Shanmuganathan** of **IV year B.E/EEE** in Sri Bharathi Enggineering College for Women, Kaikurichi, Pudukkottai has completed her **INPLANT TRAINING** for the period from 04.01.2021 to 08.01.2021 in **Meter and Relay Test sub division**, **TANGEDCO**, **Pudukkottai** satisfactory.

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

PRINCIPAL SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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