



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



Criteria 2

Teaching-Learning and Evaluation

350

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

2022-2023

**ELECTRONICS AND
COMMUNICATION ENGINEERING**

EXPERIENTIAL LEARNING

Activity	Number of Students Attended	Page No.
Internship	31	3
Project	10	37
Laboratory	21	46
Industrial Visit	58	53
TOTAL STUDENTS ATTENDED	120	-



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)

2022-2023

**ELECTRONICS AND
COMMUNICATION ENGINEERING
EXPERIENTIAL LEARNING
INTERNSHIP**

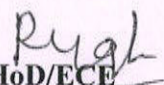


SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(EXPERIENCIAL LEARNING METHOD- INTERNSHIP)

ACADEMIC YEAR (2022 – 2023)

S.NO	REG.NO	NAME	YEAR/SEM	NAME OF THE LEARNING METHOD
1	912619106001	AASHIMA M	IV/VII	(EXPERIENCIAL LEARNING) (INTERNSHIP) (WITS SPIRE, TRICHY)
2	912619106002	ANANTHI P	IV/VII	
3	912619106004	JAFFARNISHA R	IV/VII	
4	912619106005	MAHESWARI K	IV/VII	
5	912619106006	MANISHA S	IV/VII	
6	912619106007	MEGAVADHANA A	IV/VII	
7	912619106008	PRIYANGA R	IV/VII	
8	912619106009	RAGAVI V	IV/VII	
9	912619106010	RAJAPRABA M	IV/VII	
10	912619106011	SASIKA K	IV/VII	
11	912620106001	ABIRAMI S	III/V	(EXPERIENCIAL LEARNING) (INTERNSHIP) (WITS SPIRE, TRICHY)
12	912620106002	ANUSHYA M	III/V	
13	912620106003	ARTHI S	III/V	
14	912620106004	JEYASRI K	III/V	
15	912620106006	SENPAGAHARINI V	III/V	
16	912620106007	SONIYA P	III/V	
17	912620106301	ABITHA S	III/V	
18	912620106302	DESIKA G	III/V	
19	912620106303	SABAREESWARI S	III/V	
20	912621106001	AMRIN M	II/III	(EXPERIENCIAL LEARNING) (INTERNSHIP) (GALWIN TECHNOLOGY,- TRICHY)
21	912621106006	KEERTHANA V	II/III	
22	912621106007	PAVITHRA P	II/III	
23	912621106009	SUBALAKSHMI M	II/III	
24	912621106301	JAYAPRIYA M	II/III	
25	912621106302	KIRUBASHINI C	II/III	
26	912621106002	BHUVANESWARI C	II/III	
27	912621106004	KALAIVANI R	II/III	
28	912621106005	KAVIYA K	II/III	
29	912621106010	SUGUNA C	II/III	
30	912621106008	RAJESHWARI R	II/III	(EXPERIENCIAL LEARNING) (INTERNSHIP) (MARCELLO TECH-TRICHY)
31	912621106003	DHANYASHREE A	II/III	
				(EXPERIENCIAL LEARNING) (INTERNSHIP) (ONLINE INTERNSHIP-KODACY)


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


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



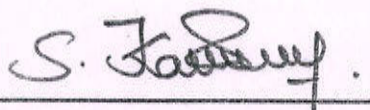
SPIRE

Inspiration To Innovation

TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. M. AASHITMA student of
SBEC FOR WOMENS Department ECE year IV
has successfully completed a internship on PYTHON
PROGRAMMING from 09-01-23 to 23-01-23
under guidance of Witspire Trichy.

During the period of her /his internship program with us, she/he
had been exposed to different processes and was found diligent
hardworking and inquisitive.



Trainer





Managing Director


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




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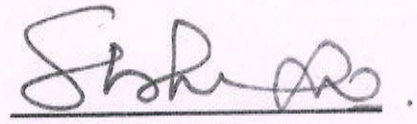
TO WHOM IT MAY CONCERN


This is to certify that Ms/Mr. P. ANANTHI student of
SBEC FOR WOMENS Department ECE year IV
has successfully completed a internship on PYTHON
PROGRAMMING from 09-01-23 to 23-01-23
under guidance of Witspire Trichy.

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Trainer




Managing Director


Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kankarai, 692 303, Pudukkottai Dt.



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TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. R. JAFFARNISHA student of SBEC FOR WOMENS Department ECE year IV has successfully completed a internship on PYTHON PROGRAMMING from 09-01-23 to 23-01-23 under guidance of Witspire Trichy.

During the period of her /his internship program with us,she/he had been exposed to different processes and was found diligent hardworking and inquisitive.

S. Karan
Trainer



[Signature]
Managing Director

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



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TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. K. MAHESINARD student of SBEC FOR WOMENS Department ECE year IV has successfully completed a internship on PYTHON PROGRAMMING from 09-01-23 to 23-01-23 under guidance of Witspire Trichy.

During the period of her /his internship program with us,she/he had been exposed to different processes and was found diligent hardworking and inquisitive.

S. Karthikeyan
Trainer



S. Thilagavathi
Managing Director

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



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TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. S.MANISHA student of
SBEC FOR WOMENS Department ECE year IV
has successfully completed a internship on PYTHON
PROGRAMMING from 09-01-23 to 23-01-23
under guidance of Witspire Trichy.

During the period of her /his internship program with us,she/he
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hardworking and inquisitive.

S. Jagan

Trainer



S. R. M.

Managing Director

Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kalkkudi - 622 003, Pudukkottai Dt.



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TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. A. MEGAVADHANA student of SBEC FOR WOMENS Department ECE year IV has successfully completed a internship on PYTHON PROGRAMMING from 09-01-23 to 23-01-23 under guidance of Witspire Trichy.

During the period of her /his internship program with us,she/he had been exposed to different processes and was found diligent hardworking and inquisitive.

S. Jagan
Trainer



[Signature]
Managing Director

[Signature]
Dr. S.THILAGAVATHI M.E.,Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kankarai - 622 003, Pudukkottai Dt.



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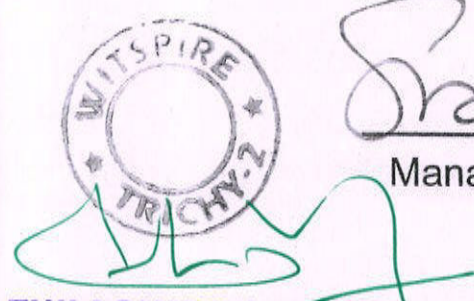
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TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. R. PRIYANGIA student of
SBEC FOR WOMENS Department ECE Year IV
 has successfully completed a internship on PYTHON
PROGRAMMING from 09-01-23 to 23-01-23
 under guidance of Witspire,Trichy.

During the period of her/his internship program with us, she/he
 had been exposed to different processes and was found diligent
 hardworking and inquisitive.

S. Karup
 Trainer



S. R.
 Managing Director

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



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TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. V. RAGHAVI student of
SBEC FOR WOMENS Department ECE Year IV
has successfully completed a internship on PYTHON
PROGRAMMING from 09-01-23 to 23-01-23
under guidance of Witspire,Trichy.

During the period of her/his internship program with us, she/he
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hardworking and inquisitive.

S. Karthikeyan

Trainer



S. Thilagavathi

Managing Director

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

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



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This is to certify that Ms/Mr. M. RAJAPRABA student of
SBEC FOR WOMENS Department ECE Year IV
has successfully completed a internship on PYTHON
PROGRAMMING from 09-01-23 to 23-01-23
under guidance of Witspire,Trichy.

During the period of her/his internship program with us, she/he
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hardworking and inquisitive.

S. Kalyani

Trainer



S. Thilagavathi

Managing Director

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



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This is to certify that Ms/Mr. K. SASIKA student of SBEC FOR WOMENS Department ECE Year IV has successfully completed a internship on PYTHON PROGRAMMING from 09-01-23 to 23-01-23 under guidance of Witspire,Trichy.

During the period of her/his internship program with us, she/he had been exposed to different processes and was found diligent hardworking and inquisitive.

S. Kalyani

Trainer



S. Thilagavathi

Managing Director

Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
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Kalkkurchi - 622 303, Pudukkottai Dt.



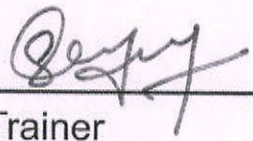
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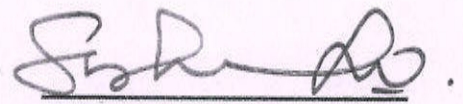
TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. S. ABIRAMI student of SRI BHARATHI ENGINEERING COLLEGE Department ECE year III has successfully completed a internship on PYTHON PROGRAMMING LANGUAGE from 30-12-22 to 18-01-23 under guidance of Witspire Trichy.

During the period of her /his internship program with us, she/he had been exposed to different processes and was found diligent hardworking and inquisitive.


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Managing Director


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622 303, Pudukkottai Dt.



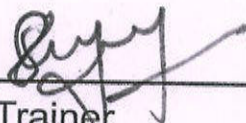
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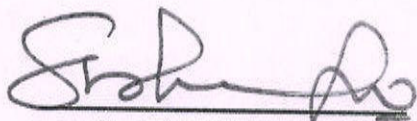
TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. M. ANUSHIYA student of SRI BHARATHI ENGINEERING COLLEGE Department ECE year 10 has successfully completed a internship on PYTHON PROGRAMMING LANGUAGE from 30-12-22 to 18-01-23 under guidance of Witspire Trichy.

During the period of her /his internship program with us, she/he had been exposed to different processes and was found diligent hardworking and inquisitive.


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COLLEGE FOR WOMEN
622 303, Pudukkottai Dt.



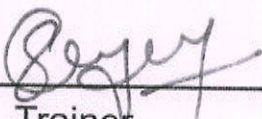
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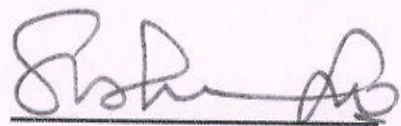
TO WHOM IT MAY CONCERN


This is to certify that Ms/Mr. S. ARTHI student of SRI BHARATHI ENGINEERING COLLEGE Department ECE year III has successfully completed a internship on PYTHON PROGRAMMING LANGUAGE from 30-12-22 to 18-01-23 under guidance of Witspire Trichy.

During the period of her /his internship program with us, she/he had been exposed to different processes and was found diligent hardworking and inquisitive.


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Managing Director


Dr. S:THILAGAVATHI M.E., Ph.D.,
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SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN



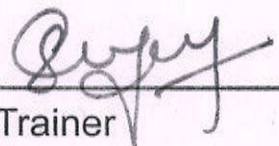
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This is to certify that Ms/Mr. K. JEYASRI student of SRI BHARATHI ENGINEERING COLLEGE Department ECE year III has successfully completed a internship on PYTHON PROGRAMMING LANGUAGE from 30-12-22 to 18-01-23 under guidance of Witspire Trichy.

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Trainer




Managing Director


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



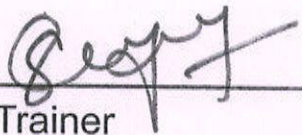
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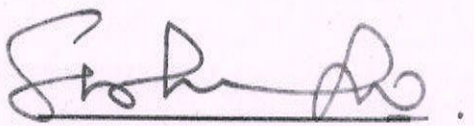
TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. V. SHENBAGAHARINI student of SRI BHARATHI ENGINEERING COLLEGE Department ECE year III has successfully completed a internship on PYTHON PROGRAMMING LANGUAGE from 30-12-22 to 18-01-23 under guidance of Witspire Trichy.

During the period of her /his internship program with us,she/he had been exposed to different processes and was found diligent hardworking and inquisitive.


Trainer




Managing Director



Dr. S.THILAGAVATHI M.E.,Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kankarai - 622 803, Pudukkottai Dt.



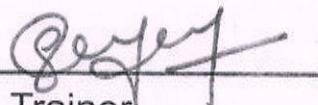
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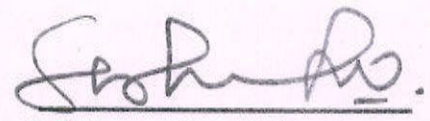
TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr: P. SONIYA student of SRI BHARATHI ENGINEERING COLLEGE Department ECE year III has successfully completed a internship on PYTHON PROGRAMMING LANGUAGE from 31-12-22 to 18-01-23 under guidance of Witspire Trichy.

During the period of her /his internship program with us, she/he had been exposed to different processes and was found diligent hardworking and inquisitive.


Trainer




Managing Director

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



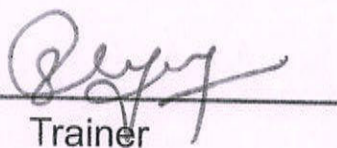
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TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr: S. ABITHA student of SRI BHARATHI ENGINEERING COLLEGE Department ECE year III has successfully completed a internship on PYTHON PROGRAMMING LANGUAGE from 31-12-22 to 18-01-23 under guidance of Witspire Trichy.

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Trainer




Managing Director


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



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TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. G. DESIKA student of SRI BHARATHI ENGINEERING COLLEGE Department ECE year III has successfully completed a internship on PYTHON PROGRAMMING LANGUAGE from 31-12-22 to 18-01-23 under guidance of Witspire Trichy.

During the period of her /his internship program with us, she/he had been exposed to different processes and was found diligent hardworking and inquisitive.

Trainer



Managing Director

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

SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN

Kancharchi - 622 303, Pudukkottai Dt.




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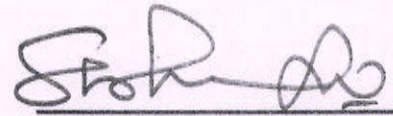
TO WHOM IT MAY CONCERN

This is to certify that Ms/Mr. S. SABAREESWARI student of SRI BHARATHI ENGINEERING COLLEGE Department ECE year III has successfully completed a internship on PYTHON PROGRAMMING LANGUAGE from 31-12-22 to 18-01-23 under guidance of Witspire Trichy.

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Trainer




Managing Director


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




**GAL
TECHNOLOGY**
Beyond Innovation

Certificate of Completion

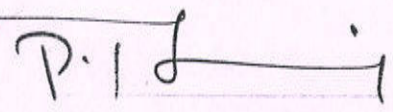
— INTERNSHIP —

This is to certify that M. AMRIN
(Reg no: 912621106001) ECE-D year Sri Bharathi Engineering
College for women has successfully completed his
Internship on Embedded System in our concern
from 21.6.23 to 30.6.23. We found his Performance during this internship period has
been satisfactory.

We wish all the best for his/ her future endeavors.


Lead Trainer


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


Managing Director



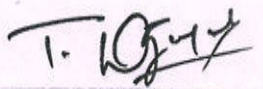
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Certificate of Completion

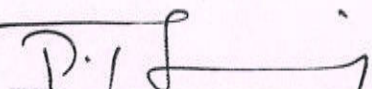
INTERNSHIP

This is to certify that V. KEERTHANA
(Reg no: 912621106006) ECF-II year Sri Bharathi Engineering
College for women has successfully completed his
Internship on Embedded System in our concern
from 21.6.23 to 30.6.23. We found his Performance during this internship period has
been satisfactory.

We wish all the best for his/ her future endeavors.


Lead Trainer


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


Managing Director



GALWIN
TECHNOLOGY
beyond innovation

Certificate of Completion

--- INTERNSHIP ---

This is to certify that P. PAVITHRA
(Reg no: 912621106007) ECE-II year Sri Bharathi Engineering
College for women has successfully completed his
Internship on Embedded System in our concern
from 21.6.23 to 30.6.23. We found his Performance during this internship period has
been satisfactory.

We wish all the best for his/ her future endeavors.

T. W. J. 14
Lead Trainer

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

P. I. S.
Managing Director



**GALWIN
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INTERNSHIP

This is to certify that M. SUBALAKSHMI
(Reg no: 912621106009) ECE-II year SRI Bhavathi Engineering
college for women has successfully completed his
Internship on Embedded System in our concern
from 21.6.23 to 30.6.23. We found his Performance during this internship period has
been satisfactory.

We wish all the best for his/ her future endeavors.

Lead Trainer

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

Managing Director



TM

GAL
TECHNOLOGY
Beyond Innovation

Certificate of Completion

— INTERNSHIP —

This is to certify that M. JAYAPRIYA
(Reg no: 912621106301) ECE-II year Sri Bharathi Engineering
College for Women has successfully completed his
Internship on Embedded System in our concern
from 21.6.23 to 30.6.23. We found his Performance during this internship period has
been satisfactory.

We wish all the best for his/ her future endeavors.

Lead Trainer

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

Managing Director



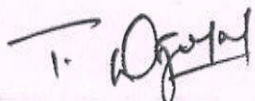
GAL
TECHNOLOGY
Beyond Innovation

Certificate of Completion

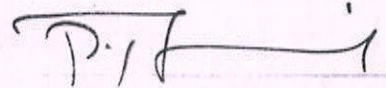
--- INTERNSHIP ---

This is to certify that C. KIROBASHINI
(Reg no: 912621106302) ECE-II year Sri Bharathi Engineering
College for Women has successfully completed his
Internship on Embedded System in our concern
from 21.6.23 to 30.6.23. We found his Performance during this internship period has
been satisfactory.

We wish all the best for his/ her future endeavors.


Lead Trainer


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


Managing Director



MARCELLO TECH



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सुक्ष्म, लघु एवं मध्यम उद्यम



CERTIFICATE

OF COMPLETION

Certificate No: MIINAI451

This is to certify that Mr./Ms./Mrs. C.BHUVANESWARI of
SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN has successfully

completed One Week Internship Programme on The Artificial Intelligence
Composition Exploring Creative Possibilities from 19.06.2023 to 26.06.2023

26.06.2023

DATE ISSUED

S. Anudayi

MANAGER



No-3 GEM plaza, Ground floor, Sankaranpillai Road, (SRC College Road) Trichy - 620 002.
Mobile No: 9442344796, Mail Id-info@marcellotech.com, Website-www.marcellotech.com

[Signature]
Dr. S. THILAGAVATHI M.E., Ph.D.

PRINCIPAL

SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN

Kalkkurchi - 622 303, Pudukkottai DL



MARCELLO TECH



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम



CERTIFICATE

OF COMPLETION

Certificate No: MIINAI446

This is to certify that Mr./Ms./Mrs. KALAIVANI R of
SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN has successfully

completed One Week Internship Programme on The Artificial Intelligence
Composition Exploring Creative Possibilities from 19.06.2023 to 26.06.2023

26.06.2023

DATE ISSUED

S. Arudaini

MANAGER



No-3 GEM plaza, Ground floor, Sankaranpillai Road, (SRC College Road) Trichy - 620 002.

Mobile No: 9442344796, Mail Id-info@marcellotech.com, Website-www.marcellotech.com

[Signature]
SITHILAGAVATHI M.E., Ph.D.
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.



MARCELLO TECH



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सुझा, लागू एवं प्रगल्भ विकास



CERTIFICATE

OF COMPLETION

Certificate No: MIINAI445

This is to certify that Mr./Ms./Mrs. K.KAVIYA of
SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN has successfully

completed One Week Internship Programme on The Artificial Intelligence
Composition Exploring Creative Possibilities from 19.06.2023 to 26.06.2023

26.06.2023

DATE ISSUED

S. Arudothi

MANAGER



No-3 GEM plaza, Ground floor, Sankaranpillai Road, (SRC College Road) Trichy - 620 002.

Mobile No: 9442344796, Mail Id-info@marcellotech.com, Website-www.marcellotech.com

[Signature]
NILAGAVATHI M.E., Ph.D
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikitorchi - 622 303, Pudukkottai Dt.



MARCELLO TECH



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम



CERTIFICATE

OF COMPLETION

Certificate No: MTINAI699

This is to certify that Mr./Ms./Mrs. SUGUNA C of
SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN has successfully


completed One Week Internship Programme on The Artificial Intelligence
Composition Exploring Creative Possibilities from 19.06.2023 to 26.06.2023

26.06.2023
DATE ISSUED

S. Arudaini
MANAGER



No-3 GEM plaza, Ground floor, Sankaranpillai Road, (SRC College Road) Trichy - 620 002.
Mobile No: 9442344796, Mail Id-info@marcellotech.com, Website-www.marcellotech.com


S. LAGAVATHI M.E., Ph.D.
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.



MARCELLO TECH



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम



CERTIFICATE

OF COMPLETION

Certificate No: MIINAI452

This is to certify that Mr./Ms./Mrs. R.RAJESHWARI of
SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN has successfully

completed One Week Internship Programme on The Artificial Intelligence
Composition Exploring Creative Possibilities from 19.06.2023 to 26.06.2023

26.06.2023

DATE ISSUED

S. Arundhati

MANAGER



No-3 GEM plaza, Ground floor, Sankaranpillai Road, (SRC College Road) Trichy - 620 002.
Mobile No: 9442344796, Mail Id-info@marcellotech.com, Website-www.marcellotech.com

[Signature]
D.S. THILAGAVATHI M.E., Ph.D.
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.

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SPACE
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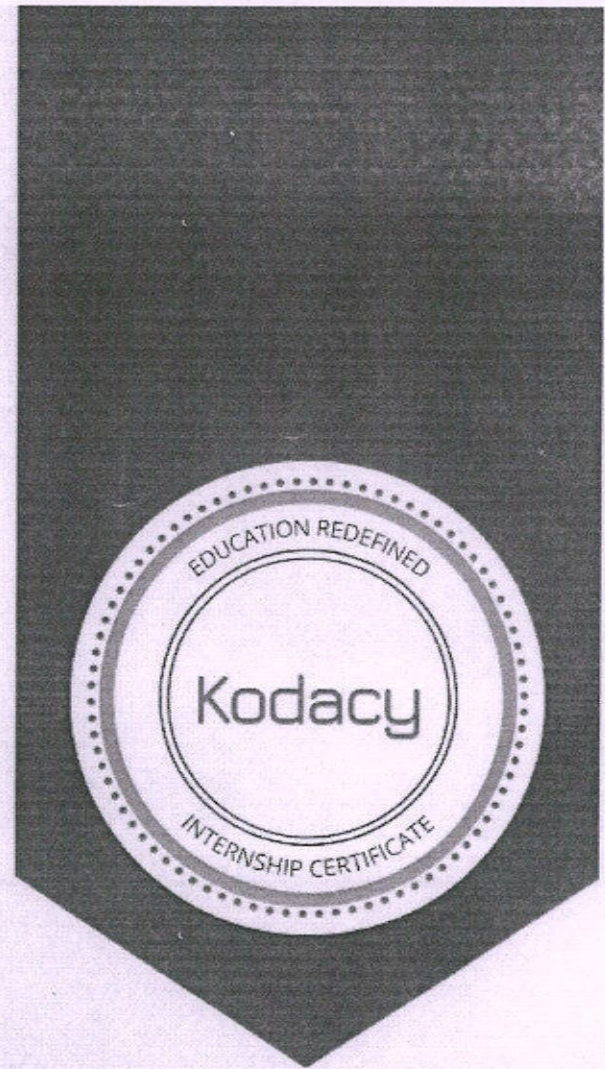
Certificate

OF INTERNSHIP

This certificate is presented to:

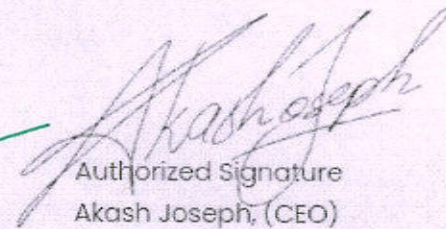
A Dhanyashree

for successfully completing the 15 day virtual internship program on "ROBOTICS" conducted by KODACY in association with Scientific Platforms And Cosmic Explorations (SPACE).



Date Of Completion: June 28, 2023
Certificate ID: 797173941688aa8f
< Scan this QR to check validity


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



Authorized Signature
Akash Joseph, (CEO)



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

ACADEMIC YEAR (2022 – 2023)
BATCH LIST

S.NO	BATCH	REG NO	NAME	PROJECT TITLE	PROJECT SUPERVISOR
1.	I	912619106004	JAFFARNISHA R	EFFICIENT MANAGEMENT SYSTEM FOR WASTE MONITORING AND CONTROLLING	Mr.M.Palaniappan
		912619106002	ANANTHI P		
		912619106005	MAHESHWARI.K		
2.	II	912619106010	RAJAPRABA M	IOT BASED COLLEGE BUS TRACKING AND NOTIFICATION SYSTEM	Mr.K.A.Muthulakshmi
		912619106007	MEGAVADHANA.A		
		912619106008	PRIYANGA R		
3.	III	912619106011	SASIKA K	AI BASED SMART CROP PROTECTION AGAINST WILD ANIMAL'S USING CNN ALGORITHM	Mrs.R.Yogeshwari
		912619106011	AASHIMA.M		
		912619106006	MANISHA S		
		912619106009	RAGAVI V		


PROJECT CO ORDINATOR

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


HOD

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


PRINCIPAL

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



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)

2022-2023

**ELECTRONICS AND
COMMUNICATION ENGINEERING
EXPERIENTIAL LEARNING
PROJECT**

**EFFICIENT MANAGEMENT SYSTEM FOR
WASTE MONITORING AND CONTROLLING**

A PROJECT REPORT

Submitted by

JAFFAR NISHA.R

(912619106004)

ANANTHI.P

(912619106002)

MAHESWARI.K

(912619106005)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN,

KAIKKURICHI, PUDUKKOTTAI-622 303.

ANNA UNIVERSITY : CHENNAI 600 025

MAY 2023


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

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report **“EFFICIENT MANAGEMENT SYSTEM FOR WASTE MONITORING AND CONTROLLING”** is the bonafide work of **“JAFFARNISHA.R (912619106004), ANANTHI.P(912619106002), MAHESWARLIK (912619106005)”** who carried out the project work under my supervision.


SIGNATURE

Mrs.R.YOGESHWARI M.E.,
HEAD OF THE DEPARTMENT
Department of ECE
Sri Bharathi Engineering
College for Women,
Pudukkottai-622 303.


SIGNATURE

Mr.M.PALANIAPPAN M.E.,
SUPERVISOR
Department of ECE,
Sri Bharathi Engineering
College for Women,
Pudukkottai-622 303.

Submitted for University Project Viva-Voce held on 19.05.2023


Internal Examiner


External Examiner

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

**IOT BASED SMART SCHOOL BUS TRACKING,
STUDENT ATTENDANCE MANAGEMENT &
NOTIFICATION SYSTEM**

A PROJECT REPORT

Submitted by

MEGAVADHANA.A (912619106007)

PRIYANGA.R (912619106008)

RAJAPRABA.M (912619106010)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

KAIKURICHI ,PUDUKKOTTAI (622303)

ANNA UNIVERSITY : CHENNAI 600 025

MAY 2023

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

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “ **IOT BASED SMART SCHOOL BUS TRACKING ,STUDENT ATTENDANCE MANAGEMENT & NOTIFICATION SYSTEM**” is the bonafide work of “ **MEGAVADHANA.A** (912619106007), **PRIYANGA. R** (912619106008), **RAJAPRABA.M** (912619106006), who carried out the project work under my supervision.


SIGNATURE

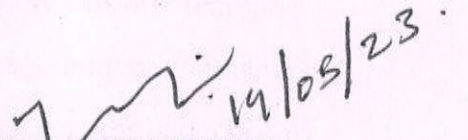
Mrs. R YOGESHWARI M.E.,
HEAD OF THE DEPARTMENT
Assistant Professor
Department of ECE
Sri Bharathi Engineering
College for Women,
Pudukkottai-622 303


SIGNATURE

Ms. K.A.MUTHULAKSHMI M.E.,
SUPERVISOR
Assistant Professor
Department of ECE,
Sri Bharathi Engineering
College for Women,
Pudukkottai-622 303

Submitted for University Project Viva-Voce held on 19.05.2023


INTERNAL EXAMINER


EXTERNAL EXAMINER


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

**AI BASED SMART CROP PROTECTION SYSTEM
AGAINST WILD ANIMALS ATTACK USING CNN
ALGORITHM**

A PROJECT REPORT

Submitted by

AASHIMA.M	(912619106001)
MANISHA.S	(912619106006)
RAGAVI.V	(912619106009)
SASIKA.K	(912619106011)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING



ANNA UNIVERSITY: CHENNAI 600 025

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN,

KAIKKURICHI, PUDUKKOTTAI - 622 303.

MAY 2023


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

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "AI BASED SMART CROP PROTECTION SYSTEM AGAINST WILD ANIMALS ATTACK USING CNN ALGORITHM" is the bonafide work of "AASHIMA.M (912619106001), MANISHA.S(912619106006), RAGAVI.V (912619106009), SASIKA.K (912619106011)" who carried out the project work under my supervision.


SIGNATURE

Mrs. R. YOGESHWARI M.E.,
HEAD OF THE DEPARTMENT

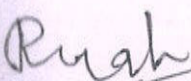
Department of ECE
Sri Bharathi Engineering
College for Women
Pudukkottai-622 303



SIGNATURE

Mrs. R. YOGESHWARI M.E.,
SUPERVISOR

Department of ECE
Sri Bharathi Engineering
College for Women
Pudukkottai-622 303

Submitted for University Project Viva-Voce held on 19-05-2023


Internal Examiner


External Examiner


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

Internal Marks Report

College Code / Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Branch Code / Name : 106 - B.E. Electronics and Communication Engineering

Semester : 08

University : AUC

Regulation : 2017

S.No	Register Number	Name	EC8094	EC8811	GE8076
1	912619106001	AASHIMA M	16	19	17
2	912619106002	ANANTHI P	17	19	17
3	912619106004	JAFFARNISHA R	14	19	15
4	912619106005	MAHESWARI K	17	19	18
5	912619106006	MANISHA S	17	19	18
6	912619106007	MEGAVADHANA A	15	18	15
7	912619106008	PRIYANGA R	14	18	16
8	912619106009	RAGAVI V	16	19	17
9	912619106010	RAJAPRABA M	16	19	19
10	912619106011	SASIKA K	16	18	17



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

ACADEMIC YEAR 2022-2023

EXPERIENTIAL LEARNING (LABORATORY COURSE-II YEAR)

EC3361 ELECTRONIC DEVICES AND CIRCUITS LABORATORY L T P C
0 0 3 5

COURSE OBJECTIVES

1. To implement the characteristics of PN Junction diode and Zener diode.
2. To describe the operation of rectifiers and filters.
3. To analyze the characteristics of amplifier.

LIST OF EXPERIMENTS

1. Characteristics of PN Junction Diode and Zener diode
2. Full Wave Rectifier with Filters.
3. Design of Zener diode Regulator.
4. Common Emitter input-output Characteristics.
5. MOSFET Drain current and Transfer Characteristics.
6. Frequency response of CE and CS amplifiers.
7. Frequency response of CB and CC amplifiers.
8. Frequency response of Cascode Amplifier
9. CMRR measurement of Differential Amplifier
10. Class A Transformer Coupled Power Amplifier.

TOTAL: 45 PERIODS

REFERENCE:

XYZ of Oscilloscope – Application note: Tektronix USA.

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

HoD/ECE
HOD / ECE

SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI,
PUDUKKOTTAI - 622 303



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)

2022-2023

**ELECTRONICS AND
COMMUNICATION ENGINEERING
EXPERIENTIAL LEARNING
LABORATORY**



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


ACADEMIC YEAR (2022-2023)

EXPERIENTIAL LEARNING (LABORATORY COURSE-II YEAR)

BATCH LIST

LABORATORY COURSE					
S.NO	BATCH	REG NO	NAME	LABORATORY COURSE	YEAR/SEM
1.	I	912621106001	AMRIN M	EC3361-Electronic Devices and Circuits Laboratory	II/III
		912621106002	BHUVANESWARI C		
		912621106003	DHANYASHREE A		
2.	II	912621106004	KALAIVANI R		
		912621106005	KAVIYA K		
		912621106006	KEERTHANA V		
3.	III	912621106007	PAVITHRA P		
		912621106008	RAJESHWARI R		
		912621106009	SUBALAKSHMI M		
4.	IV	912621106010	SUGUNA C		
		912621106301	JAYAPRIYA M		
		912621106302	KIRUBASHINI C		


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


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

Internal Marks Report

College Code / Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Branch Code / Name : 106 - B.E. Electronics and Communication Engineering

Semester : 03

University : AUC

Regulation : 2021

S.No	Register Number	Name	CS3353	CS3362	EC3351	EC3362	EC3353	EC3354	EC3361	GE3361	MA3355
1	912621106001	AMRIN M	33	53	33	37	34	35	56	90	31
2	912621106002	BHUVANESWARI C	31	50	28	30	32	33	55	100	30
3	912621106003	DHANYASHREE A	35	54	30	30	35	33	55	100	31
4	912621106004	KALAIVANI R	32	52	28	32	32	34	54	90	32
5	912621106005	KAVIYA K	35	56	34	37	36	37	59	80	31
6	912621106006	KEERTHANA V	34	54	35	37	34	39	59	100	35
7	912621106007	PAVITHRA P	32	53	36	32	35	34	58	100	31
8	912621106008	RAJESHWARI R	37	56	36	37	39	39	59	100	36
9	912621106009	SUBALAKSHMI M	30	52	28	29	31	33	54	90	29
10	912621106010	SUGUNA C	34	54	33	37	35	34	59	100	32
11	912621106301	JAYAPRIYA M	30	51	29	27	33	32	55	95	29
12	912621106302	KIRUBASHINI C	31	50	29	28	34	32	55	95	29


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

ACADEMIC YEAR (2022-2023)

EXPERIENCIAL LEARNING (LABORATORY COURSE-III YEAR)

EC8562 DIGITAL SIGNAL PROCESSING LABORATORY

L T P C
0 0 4 2

OBJECTIVES:

The student should be made:

1. To perform basic signal processing operations such as Linear Convolution, Circular Convolution, Auto Correlation, Cross Correlation and Frequency analysis in MATLAB
2. To implement FIR and IIR filters in MATLAB and DSP Processor
3. To study the architecture of DSP processor
4. To design a DSP system to demonstrate the Multi-rate and Adaptive signal processing Concepts.

LIST OF EXPERIMENTS: MATLAB / EQUIVALENT SOFTWARE PACKAGE

1. Generation of elementary Discrete-Time sequences
2. Linear and Circular convolutions
3. Auto correlation and Cross Correlation
4. Frequency Analysis using DFT
5. Design of FIR filters (LPF/HPF/BPF/BSF) and demonstrates the filtering operation
6. Design of Butterworth and Chebyshev IIR filters (LPF/HPF/BPF/BSF) and demonstrate the filtering operations.

DSP PROCESSOR BASED IMPLEMENTATION

1. Study of architecture of Digital Signal Processor
2. Perform MAC operation using various addressing modes
3. Generation of various signals and random noise
4. Design and demonstration of FIR Filter for Low pass, High pass, Band pass and Band stop filtering
5. Design and demonstration of Butter worth and Chebyshev IIR Filters for Low pass, High pass, Band pass and Band stop filtering
6. Implement an Up-sampling and Down-sampling operation in DSP Processor

TOTAL: 60 PERIODS

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

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



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


ACADEMIC YEAR (2022-2023)

EXPERIENCIAL LEARNING (LABORATORY COURSE-III YEAR)

BATCH LIST

LABORATORY COURSE					
S.NO	BATCH	REG NO	NAME	LABORATORY COURSE	YEAR/SEM
1	I	912620106001	ABIRAMI S	EC8562-Digital Signal Processing Laboratory	III/V
		912620106002	ANUSHYA M		
		912620106003	ARTHI S		
2	II	912620106004	JEYASRI K		
		912620106006	SENPAGAHARINI V		
		912620106007	SONIYA P		
3	III	912620106301	ABITHA S		
		912620106302	DESIKA G		
		912620106303	SABAREESWARI S		


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


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

Internal Marks Report

College Code / Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Branch Code / Name : 106 - B.E. Electronics and Communication Engineering

Semester : 05

University : AUC

Regulation : 2017

S.No	Register Number	Name	EC8501	EC8551	EC8552	EC8553	EC8561	EC8562	EC8563	GE8074	OMD551
1	912620106001	ABIRAMI S	20	19	18	19	20	19	20	19	20
2	912620106002	ANUSHYA M	16	15	15	16	19	19	18	17	16
3	912620106003	ARTHI S	15	15	14	14	18	19	18	15	16
4	912620106004	JEYASRI K	17	17	17	17	19	19	19	17	18
5	912620106006	SENPAHARINI V	17	15	17	18	19	19	19	17	16
6	912620106007	SONIYA P	18	16	17	17	19	19	19	15	16
7	912620106301	ABITHA S	15	13	14	13	17	15	15	14	14
8	912620106302	DESIKA G	14	13	14	14	16	16	15	14	14
9	912620106303	SABAREESWARI S	14	14	14	14	16	16	15	14	14


Dr. S. THILAGAVATHI M.E., Ph.D.
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 Kaikkurchi - 622 303, Pudukkottai Dt.




SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(EXPERIENTIAL LEARNING METHOD- INDUSTRIAL VISIT)

ACADEMIC YEAR (2022 – 2023)

S.NO	REG.NO	NAME	YEAR/SEM	NAME OF THE LEARNING METHOD
1	912619106001	AASHIMA M	IV/VII	EXPERIENTIAL LEARNING INDUSTRIAL VISIT- BHEL, THIRUMAYAM
2	912619106002	ANANTHI P	IV/VII	
3	912619106004	JAFFARNISHA R	IV/VII	
4	912619106005	MAHESWARI K	IV/VII	
5	912619106006	MANISHA S	IV/VII	
6	912619106007	MEGAVADHANA A	IV/VII	
7	912619106008	PRIYANGA R	IV/VII	
8	912619106009	RAGAVI V	IV/VII	
9	912619106010	RAJAPRABA M	IV/VII	
10	912619106011	SASIKA K	IV/VII	
11	912620106001	ABIRAMI S	III/V	
12	912620106002	ANUSHYA M	III/V	
13	912620106003	ARTHI S	III/V	
14	912620106004	JEYASRI K	III/V	
15	912620106006	SENPAGAHARINI V	III/V	
16	912620106007	SONIYA P	III/V	
17	912620106301	ABITHA S	III/V	
18	912620106302	DESIKA G	III/V	
19	912620106303	SABAREESWARI S	III/V	
20	912620106304	SUBBULAKSHMI.P	III/V	
21	912621106001	AMRIN M	II/III	
22	912621106002	BHUVANESWARI C	II/III	
23	912621106003	DHANYASHREE A	II/III	
24	912621106004	KALAIVANI R	II/III	
25	912621106005	KAVIYA K	II/III	
26	912621106006	KEERTHANA V	II/III	
27	912621106007	PAVITHRA P	II/III	
28	912621106008	RAJESHWARI R	II/III	
29	912621106009	SUBALAKSHMI M	II/III	
30	912621106010	SUGUNA C	II/III	
31	912621106301	JAYAPRIYA M	II/III	
32	912621106302	KIRUBASHINI C	II/III	


Dr. S. THILAGAVATHI M.E., Ph.D.,
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PUDUKKOTTAI - 622 303.



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)

2022-2023

**ELECTRONICS AND
COMMUNICATION ENGINEERING**

EXPERIENTIAL LEARNING

INDUSTRIAL VISIT



ENGINEERING COLLEGE FOR WOMEN

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

Pudukkottai - Aranthangi Road,

Kaikkurichi, Pudukkottai - 622 303.

Date : 20/9/2022

To

The HR Manager,
BHEL,
Thirumayam,
Pudukkottai-622507

Sec I/c
May be Permitted on
a Saturday / Friday after
Arrest

श्री. आरोक्यसामी / C. AROCKIASAMY
उप नि. उप महाप्रबंधक / SOGM
मानव संसाधन / Human Resources
बीएचएल - थिरुमयम / BHEL - PPU
तिरुमयम / Thirumayam - 622 507

Respected Sir,

Sub: Permission for Industrial Visit -Reg.

Greetings from Sri Bharathi Engineering College for Women. As a part of curriculum, our students need to undergo Industrial Visit to gain practical experiences. I am seeking approval for **EEE** (21 Students) and **ECE** (32 Students) along with 4 staff members to take part in an Industry visit to your Company on **30th September 2022**. We assure you that all our students will abide by the rules and regulations of your Company.

Security ile Gate 5
We are thankful for your response and look forward to your reply.

Kindly checked the college i/d card
and make necessary entry for Thanking you,
the above request on 29/10/22 (one day only)
X. Mobile phone, pen drive should not be allowed.

Date : 20-09-2022

Place : SBECW-Pudukkottai

[Signature]
T SARAVANAN
Inspector
Law & Order / Admin
Security & Fire / BHEL



PRINCIPAL

[Signature]
**SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI - 622 303,
PUDUKKOTTAI DISTRICT**

DR. S. THILAGAVATHI M.E., Ph.D.
PRINCIPAL Mobile: 99477 28070 07500 28070
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurichi - 622 303, Pudukkottai Dt.



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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

Pudukkottai - Aranthangi Road,
Kaikkurichi, Pudukkottai - 622 303.

Date : 28/10/22

BONAFIDE CERTIFICATE

This is to certify that the following students are bonafide students of this college studying II, III & IV Year of B.E/ Electronics and Communication Engineering during this academic year 2022-2023.

S.NO	REG.NO	NAME OF THE STUDENT
II YEAR		
1.	912621106001	AMRIN . M
2.	912621106002	BHUVANESWARIC
3.	912621106003	DHANYASHREE.A
4.	912621106004	KALAIVANIR
5.	912621106005	KAVIYA.K
6.	912621106006	KEERTHANA.V
7.	912621106007	PAVITHRA.P
8.	912621106008	RAJESHWARI.R
9.	912621106009	SUBALAKSHMI.M
10.	912621106010	SUGUNA.C
11.	LECE001	JAYAPRIYA.M
12.	LECE001	KIRUBASHINI.
III YEAR		
13.	912620106001	S.ABIRAMI
14.	912620106002	M.ANUSHYA
15.	912620106003	S.ARTHI
16.	912620106004	K.JEYASRI
17.	912620106006	V.SHENBAGAHARINI
18.	912620106007	P.SONIYA
19.	912620106301	S.ABITHA
20.	912620106302	G.DESIKA
21.	912620106303	S.SABAREESWARI
22.	912620106304	P.SUBBULAKSHMI

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



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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

Pudukkottai - Aranthangi Road,
Kaikkurichi, Pudukkottai - 622 303.

Date : 28.10.2022

S.NO	REG.NO	NAME OF THE STUDENT
IV YEAR		
23.	912619106001	AASHIMA.M
24.	912619106002	ANANTHI.P
25.	912619106004	JAFFARNISHA.R
26.	912619106005	MAHESWARI.K
27.	912619106006	MANISHA.S
28.	912619106007	MEGAVADHANA.A
29.	912619106008	PRIYANKA.R
30.	912619106009	RAGAVI.V
31.	912619106010	RAJAPRABA.M
32.	912619106011	SASIKA.K

Accompanied Staff Members:

1. Dr.Vijayasaro.V Assistant Professor/ECE
2. Mr.Palaniappan.M, Assistant Professor/ECE

This certificate is issued only for the purpose of attending **Industrial visit** in BHEL,
Thirumayam,Pudukkottai.



PRINCIPAL

PRINCIPAL 28/10/22

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

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

SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN

Kaikkurichi - 622 303, Pudukkottai Dt.

Ph: 04322 - 242768

Mobile: 99422 28029, 97509 28029

website : www.sbec.edu.in

e-mail : sribharathienggcollege@gmail.com



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN
(Approved By AICTE New Delhi & Affiliated to Anna University Chennai.)
Kaikuruchi, Pudukkottai
DEPARTMENT OF EEE

INDUSTRIAL VISIT - SUMMARY REPORT

The industrial visit is scheduled for **one** day (**29.10.22**) for ECE (32) and EEE (21) departments. 53 students and 4 staffs visited Bharath Heavy Electricals Limited, Thirumayam in Pudukkottai. BHEL manufactures pipes and tubes for the boiler, petroleum and chemical industries. The students visited the Power Plant Piping Unit (PPPU). Mr. Deepak and Mr. Velmurugan, Maintenance Engineer explained about pipe manufacturing process and the machines used in this process.



It was a very good learning experience for all students. This industrial visit gave us an insight of how a manufacturing plant actually works and what all the things have to keep in mind when working practically.


Dr. S. THILAGAVATHI M.E., Ph.D.,
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Kaikuruchi, Pudukkottai, Dt.


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KAIKKURICHI,
PUDUKKOTTAI - 622 303



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

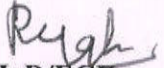
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(EXPERIENTIAL LEARNING METHOD- INDUSTRIAL VISIT)

ACADEMIC YEAR (2022 – 2023)

S.NO	REG.NO	NAME	YEAR/SEM	NAME OF THE LEARNING METHOD
1	912619106001	AASHIMA M	IV/VII	EXPERIENTIAL LEARNING INDUSTRIAL VISIT- ISRO, TRIVANDRUM
2	912619106004	JAFFARNISHA R	IV/VII	
3	912619106005	MAHESWARI K	IV/VII	
4	912619106007	MEGAVADHANA A	IV/VII	
5	912619106008	PRIYANGA R	IV/VII	
6	912619106011	SASIKA K	IV/VII	
7	912620106001	ABIRAMI S	III/V	
8	912620106002	ANUSHYA M	III/V	
9	912620106003	ARTHI S	III/V	
10	912620106004	JEYASRI K	III/V	
11	912620106006	SENPAGAHARINI V	III/V	
12	912620106007	SONIYA P	III/V	
13	912620106301	ABITHA S	III/V	
14	912620106302	DESIKA G	III/V	
15	912620106303	SABAREESWARI S	III/V	
16	912621106001	AMRIN M	II/III	
17	912621106002	BHUVANESWARI C	II/III	
18	912621106003	DHANYASHREE A	II/III	
19	912621106004	KALAIVANI R	II/III	
20	912621106005	KAVIYA K	II/III	
21	912621106006	KEERTHANA V	II/III	
22	912621106007	PAVITHRA P	II/III	
23	912621106008	RAJESHWARI R	II/III	
24	912621106009	SUBALAKSHMI M	II/III	
25	912621106010	SUGUNA C	II/III	
26	912621106301	JAYAPRIYA M	II/III	


Dr. S.THILAGAVATHI M.E., Ph.D.,
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Kaikkurichi - 622 303, Pudukkottai Dt.


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



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurichi, Pudukkottai- 622 303.

DEPARTMENT OF ECE, EEE, CSE & CIVIL

ACADAMIC YEAR 2022-2023(EVEN SEMESTER)

Date:21.03.2023

From

Mrs.R.Yogeshwari, Mrs.B.Priya, Mrs.G.Sugapriya, Mrs.R.Padmarani,
HOD/ECE/EEE/CSE/CIVIL,
Sri Bharathi Engineering College for Women,
Kaikkurichi, Pudukkottai Dt- 622303.

To

The Principal,
Sri Bharathi Engineering College for Women,
Kaikkurichi, Pudukkottai -622303.

Approved
23/3/23

Madam,

Sub: Tentative Industrial Visit programme for All Departments Students-Approval requested – Reg.

I am submitting herewith a tentative Industrial Visit programme for students of ECE, EEE, CSE & CIVIL departments scheduled to be on 31.03.2023(Friday) and 01.04.2023(Saturday) for an educational visit to ISRO, Thiruvananthapuram, Kerala. We are furnishing herewith the particulars that may be required for favour of information and approval.

Number of IV year Students of ECE, EEE, CSE & CIVIL	= 06+09+19+10=44
Number of III year Students of ECE, EEE, CSE & CIVIL	= 09+06+19+1=35
Number of II year Students of ECE, EEE, CSE & CIVIL	= 10+02+19+8=39
Total number of students	= 118
Number of accompanying Faculty	= 10

List of accompanying Faculty

1. Mrs.R.Yogeshwari, Assistant Professor/ECE Department
2. Mrs.K.A.Muthulakshmi, Assistant Professor/ECE Department
3. Mrs.G.Sugapriya, Assistant Professor/CSE Department
4. Mrs.S.Jayapratha, Assistant Professor/CSE Department
5. Mrs.S.Yogalakshmi, Assistant Professor/CSE Department
6. Ms.R.Padmarani, Assistant Professor/CIVIL Department
7. Mrs.P.Dennis Flora, Assistant Professor/CIVIL Department
8. Mrs.Raci.Mahizhini, Assistant Professor/CIVIL Department
9. Mr.T.Parthiban, Assistant Professor/EEE Department
10. Mr.S.Rameshraj, Assistant Professor/English Department

Yours truly,

1. *Rugh*
2. *Dr. S. Thilagavathi*
3. *Dr. Sugapriya* [R. PADMA RANI]
4. *B. Priya* (B. PRIYA)

Place: *Kaikkurichi*
Date: *21/3/23*



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

From: <no-reply@vssc.gov.in>
Date: Mon, Mar 20, 2023, 8:56 AM
Subject: VSSC Space Museum visit - Confirmation
To: <bloomyworld@gmail.com>

Dear Sugapriya G,

Your request to visit space museum has been APPROVED.

Visit ID: 303232

Date of visit :31-03-2023 9:30 AM

Nos. of Visitors :141

Guidelines

- Printed entry pass can be obtained either from the Public Relations Office, VSSC near Veli Church or from the security gate at Canal gate, near Stationkadavu at the northern boundary of the VSSC campus . For this purpose the group leader should furnish the details of the assigned request ID along with the registered proof of identity at the above identified points. On verification, the pass will be printed and issued. The pass will be valid only for the date of issue.
- Limited number of vehicles will be allowed up to Space Museum. Group leader should provide the details of the vehicle while seeking entry pass.
- Entry will be allowed only from the Canal gate.
- Mobile phone, camera, CD, USB drive, floppy or other electronic gadgets are **strictly prohibited** inside the campus.
- A visit to the space museum will take more than an hour. There will be regular film shows on all days. Special shows will be arranged for groups with not less than 40 visitors,on request.
- Sounding rockets are generally launched from TERLS on every third Wednesday at 11:45 hours (subject to change for technical reasons) for scientific purposes. Those who wish to witness the launch should be present at space museum before 10:30 hrs.
- VSSC will not be responsible for any accident to the visitors or for any loss/damage to their belongings during their visit to VSSC or to any of its facilities, or while launching rockets.

For any further queries, please contact public Relations : 0471-2564292, 2565649


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SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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

Pudukkottai - Aranthangi Road,
Kaikkurichi, Pudukkottai - 622 303.

Date : 30/08/2023.

BONAFIDE CERTIFICATE

This is to certify that the following students of our college are studying II, III & IV Year of B.E/Electronics and Communication Engineering during this academic year 2022-2023.

II YEAR		
S.NO	REG.NO	NAME OF THE STUDENT
1.	912621106001	AMRIN . M
2.	912621106002	BHUVANESWARI.C
3.	912621106003	DHANYASHREE.A
4.	912621106004	KALAIVANI.R
5.	912621106005	KAVIYA.K
6.	912621106006	KEERTHANA.V
7.	912621106007	PAVITHRA.P
8.	912621106008	RAJESHWARI.R
9.	912621106009	SUBALAKSHMI.M
10.	912621106010	SUGUNA.C
11.	912621106301	JAYAPRIYA.M
III YEAR		
12.	912620106001	S.ABIRAMI
13.	912620106002	M.ANUSHYA
14.	912620106003	S.ARTHI
15.	912620106004	K.JEYASRI
16.	912620106006	V.SHENBAGAHARINI
17.	912620106007	P.SONIYA
18.	912620106301	S.ABITHA
19.	912620106302	G.DESIKA
20.	912620106303	S.SABAREESWARI


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

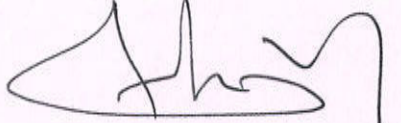
Page 1 of 2

IV YEAR		
21.	912619106001	AASHIMA.M
22.	912619106004	JAFFARNISHA.R
23.	912619106005	MAHESWARI.K
24.	912619106007	MEGAVADHANA.A
25.	912619106008	PRIYANKA.R
26.	912619106011	SASIKA.K

Accompanying Staff Members:

1. Mrs.R.Yogeshwari, Assistant Professor/ECE Department
2. Ms.K.A.Muthulakshmi, Assistant Professor/ECE Department

This certificate is issued only for the purpose of attending **Industrial visit** in Vikram Sarabhai Space Centre(ISRO),Thiruvananthapuram, Kerala


PRINCIPAL
30/03/23

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


Dr. S.THILAGAVATHI M.E.,Ph.D.,
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SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN
(Approved By AICTE New Delhi & Affiliated to Anna University Chennai.)

kaikuruchi, Pudukkottai



DEPARTMENT OF ECE

REPORT ON INDUSTRIAL VISIT

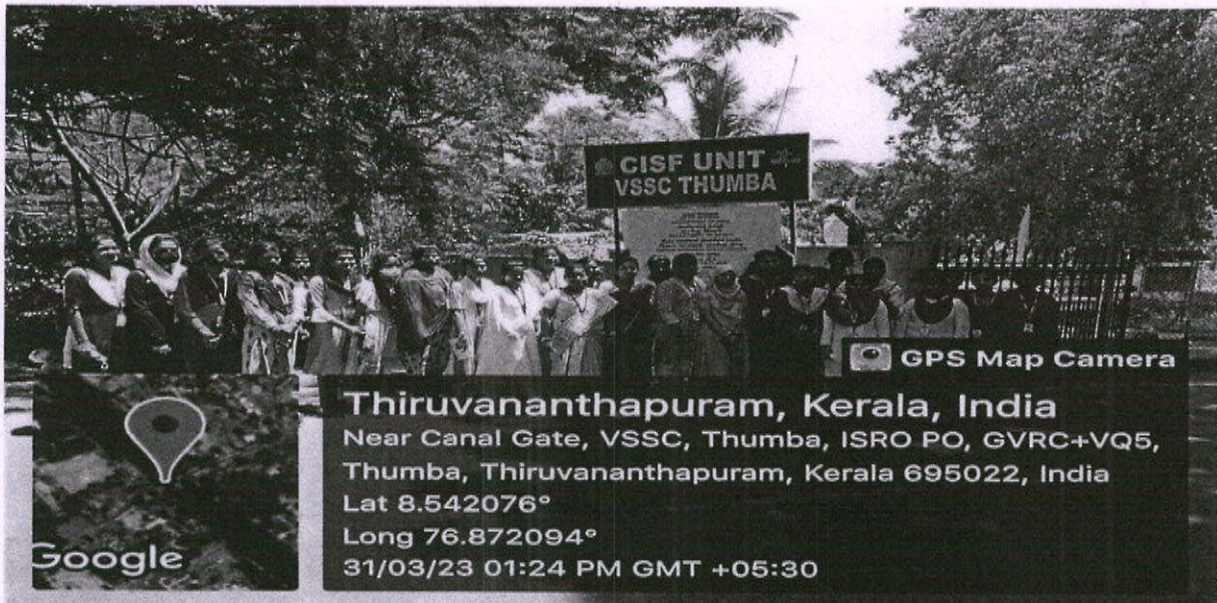
PLACE OF VISIT : Indian Space Research Organization (ISRO)


DATE : 31st MARCH 2023.

The industrial visit is scheduled for two days (31.03.2023 and 01.04.2023) for ECE (26) , EEE (17) ,CSE(55) and CIVIL(17) departments. 115 students and 10 staffs visited Vikram Sarabhai Space Centre(ISRO),Thiruvananthapuram, Kerala. on 31.03.2023

This visit was mainly focused on to understand the working principles of space stations. They explained about various tools that are used for rocket and space jacket worn by the astronants and the parts of the rocket were also kept there. The future launching space station was also kept as a model and visited the Space Museum.

15 mins visuals were showed us regarding the working and success of the organization for the past 50 years which was really amazing to know about the organization.




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