



# 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](http://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)**

**2019-2020**

**ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**EXPERIENTIAL LEARNING**

Activity	Number of Students Attended	Page No.
Internship	18	3
Project	16	22
Laboratory	30	35
Industrial Visit	46	42
<b>TOTAL STUDENTS ATTENDED</b>	<b>110</b>	<b>-</b>



**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)**

**2019-2020**

**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**  
**(EXPERIENTIAL LEARNING METHOD- INTERNSHIP)**

**ACADEMIC YEAR (2019 – 2020)**

S.NO	REG.NO	NAME	YEAR/SEM	NAME OF THE LEARNING METHOD
1	912617106001	ABIRAMI S	III/VI	<b>EXPERIENTIAL LEARNING) (INTERNSHIP) (GALWIN TECHNOLOGY- TRICHY)</b>
2	912617106002	ABISHEKA S	III/VI	
3	912617106003	ATSHAYA R	III/VI	
4	912617106004	BAVADHARANI A	III/VI	
5	912617106005	BHUVANESHWARI B	III/VI	
6	912617106006	DHIVYA L	III/VI	
7	912617106007	GOWSALYA D	III/VI	
8	912617106009	INDHUMATHI S	III/VI	
9	912617106010	KANIMOZHI D	III/VI	
10	912617106011	KAVYA C	III/VI	
11	912617106012	KEERTHANA G	III/VI	
12	912617106013	MAHESHWARI G	III/VI	
13	912617106014	MANOHARI M	III/VI	
14	912617106015	MARAGATHALAKSHMI S	III/VI	
15	912617106017	SAFRIN NISHA S	III/VI	
16	912617106018	SUBASHINI M	III/VI	
17	912617106019	SUBASHINI T	III/VI	
18	912617106020	VINTHIYA R	III/VI	

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

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





**INTERNSHIP**

This is to certify that ~~Mr.~~ / Ms. .... S. ABIRAMI .....  
 has successfully completed.. INTERNSHIP- PIC [IBF&TTA] .....  
 ..... from 23-11-2019..... to 04-12-2019.. by Galwin Technology.

*M. B. f.*  
 Lead Trainer

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

*[Signature]*  
 Managing Director





## INTERNSHIP

This is to certify that ~~Mr.~~ / Ms. .... **S. ABISHEKA**.....  
has successfully completed.. **INTERNSHIP- PIC [16F8.TTA]**.....  
..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. B. f.*  
Lead Trainer

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

*[Signature]*  
Managing Director





**GALWIN<sup>TM</sup>**  
**TECHNOLOGY**  
*Beyond Innovation*

CERTIFICATE  
 OF EXCELLENCE

**INTERNSHIP**

This is to certify that Mr. / Ms. .... **R. ATSHAYA**.....  
 has successfully completed... **INTERNSHIP - PIC [16F8TTA]**.....  
 ..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

**M. B. f.**  
 Lead Trainer

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

**Managing Director**





## INTERNSHIP

This is to certify that ~~Mr.~~ / Ms. .... **A. BHAVADHARANI** .....  
has successfully completed... **INTERNSHIP- PIC [IBF&TTA]** .....  
..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. B. f.*  
**Lead Trainer**

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

*[Signature]*  
**Managing Director**





**GALWIN<sup>TM</sup>**  
**TECHNOLOGY**  
*Beyond Innovation*

CERTIFICATE  
OF EXCELLENCE

## INTERNSHIP

This is to certify that ~~Mr.~~ / Ms. .... **B. BHUVANESHWARI**.....  
has successfully completed... **INTERNSHIP - PIC [16F8TTA]**.....  
..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. B. f.*  
Lead Trainer

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

*[Signature]*  
Managing Director





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*Beyond Innovation*

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OF EXCELLENCE

## INTERNSHIP

This is to certify that ~~Mr.~~ / Ms. .... **L. DHIVYA** .....  
has successfully completed... **INTERNSHIP - PIC [16F87TA]** .....  
..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. B. f.*  
Lead Trainer

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

*[Signature]*  
Managing Director





## INTERNSHIP

This is to certify that ~~Mr.~~ / Ms. .... D. GOWSALYA.....  
has successfully completed.. INTERNSHIP- PIC [16F877A].....  
..... from 23-11-2019..... to 04-12-2019.. by Galwin Technology.

M. B. J.  
Lead Trainer

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

[Signature]  
Managing Director





**INTERNSHIP**

This is to certify that ~~Mr.~~ / Ms. .... **S. INDHUMATHI**.....  
 has successfully completed.. **INTERNSHIP- PIC [IBF.B.TTA]**.....  
 ..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. B. f.*

**Lead Trainer**

*[Signature]*

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

*[Signature]*

**Managing Director**





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*Beyond Innovation*

CERTIFICATE  
 OF EXCELLENCE

**INTERNSHIP**

This is to certify that ~~Mr.~~ / Ms. .... **C. KAVYA** .....  
 has successfully completed... **INTERNSHIP - PIC [16F8.TTA]** .....  
 ..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. B. f.*  
**Lead Trainer**

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

*[Signature]*  
**Managing Director**





**INTERNSHIP**

This is to certify that ~~Mr.~~ / Ms. .... **G. KEERTHANA**.....  
 has successfully completed... **INTERNSHIP - PIC [16F877A]**.....  
 ..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. B. f.*  
**Lead Trainer**

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

*[Signature]*  
**Managing Director**





## INTERNSHIP

This is to certify that Mr. / Ms. ....G. MAHESHWARI.....  
has successfully completed.. INTERNSHIP- PIC [IBF.B.T.T.A].....  
..... from 23-11-2019..... to 04-12-2019.. by Galwin Technology.

*M. B. f.*  
Lead Trainer

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

*[Signature]*  
Managing Director





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**TECHNOLOGY**  
*Beyond Innovation*

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OF EXCELLENCE

## INTERNSHIP

This is to certify that ~~Mr.~~ / Ms. .... M. MANOHARI.....  
has successfully completed... INTERNSHIP - PIC [IBF&TTA].....  
..... from 23-11-2019..... to 04-12-2019.. by Galwin Technology.

*M. B. P.*  
Lead Trainer

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

*[Signature]*  
Managing Director





**GALWIN<sup>TM</sup>**  
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*Beyond Innovation*

CERTIFICATE  
OF EXCELLENCE

## INTERNSHIP

This is to certify that ~~Mr.~~ / Ms. ....**S. MARAGATHA LAKSHMI**.....  
has successfully completed.. **INTERNSHIP- PIC [IBF.B.TTA]**.....  
..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. B. f.*

Lead Trainer

*[Signature]*

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

*[Signature]*

Managing Director





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**TECHNOLOGY**  
*Beyond Innovation*

CERTIFICATE  
OF EXCELLENCE

## INTERNSHIP

This is to certify that ~~Mr.~~ / Ms. .... S. SAFRIN NISHA.....  
has successfully completed... INTERNSHIP - PIC [IBF.B.TTA].....  
..... from 23-11-2019..... to 04-12-2019.. by Galwin Technology.

*M. B. f.*  
Lead Trainer

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

*[Signature]*  
Managing Director





**INTERNSHIP**

This is to certify that ~~Mr.~~ / Ms. .... **M. SUBASHINI**.....  
has successfully completed.. **INTERNSHIP - PIC [IBF&TTA]**.....  
..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. B. f.*  
**Lead Trainer**

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

*[Signature]*  
**Managing Director**





## INTERNSHIP

This is to certify that ~~Mr.~~ / Ms. .... **T. SUBASHINI**.....  
has successfully completed.. **INTERNSHIP- PIC [IBF&TTA]**.....  
..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. B. f.*  
**Lead Trainer**

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

*[Signature]*  
**Managing Director**





# INTERNSHIP

This is to certify that ~~Mr.~~ / Ms. .... **R. VINTHIYA**.....  
has successfully completed.. **INTERNSHIP - PIC [16F87TA]**.....  
..... from **23-11-2019**..... to **04-12-2019**.. by Galwin Technology.

*M. Bf.*  
**Lead Trainer**

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

*[Signature]*  
**Managing Director**





**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**

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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

**Criteria 2**

**Teaching-Learning and Evaluation**

**350**

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

**2019-2020**

**ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**EXPERIENTIAL LEARNING**

**PROJECT**




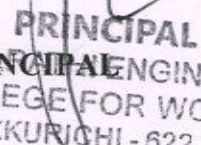


**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**  
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)  
Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**ACADEMIC YEAR (2019 – 2020)**  
**BATCH LIST**

S.NO	BATCH	REG NO	NAME	PROJECT TITLE	PROJECT SUPERVISOR
1.	I	912616106007	MAHESWARI V	WSN BASED IN PIPE LEAK DETECTION ROBOT AND LOCALIZATION FOR PIPE LINE INSPECTION APPLICATION	Mrs.R.Yogeshwari
		912616106009	PRIYANKA E		
		912616106302	SANKAVI M		
2.	II	912616106014	SIVARUBINI S	AN IOT BASED SECURED ATM SYSTEM USING FACE RECOGNITION TECHNIQUE	Mr.S.Udhayanan
		912616106005	DHARANIYA A		
		912616106003	ATCHAYA G		
3.	III	912616106001	ABINAYA R	PERTINENT SELECTION OF ADDER FOR AN OPTIMUM 16 BIT ALU DESIGN	Ms.K.A.Muthulakshmi
		912616106002	AGALYA A		
		912616106004	DEEPA N		
4.	IV	912616106008	PAZHANIYAMMAL R	HEART BEAT AND TEMPRATURE MONITORING SYSTEM FOR SOLDIER USING GSM AND GPS	Mrs,Nithyapoorani
		912616106011	SHANMUGAPRIYA R		
		912616106016	VINCY A		
5.	v	912616106010	ROJA A	A WSN BASED AGRICULTURE MONITORING SYSTEM	Mr.C.Palaniappan
		912616106012	SHIYAMALA E		
		912616106006	JEEVITHA U		
		912616106013	SIVABHARATHI P		

PROJECT CO ORDINATOR

  
Dr. S. THILAGAVATHI M.E., PH.D.  
HOD / ECE  
PRINCIPAL  
SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN  
KAIKKURICHI,  
TAMIL NADU - 622 303

  
PRINCIPAL  
SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN  
KAIKKURICHI - 622 303



**WSN BASED IN PIPE LEAK DETECTION ROBOT AND  
LOCALIZATION FOR PIPE LINE INSPECTION  
APPLICATION**

**A PROJECT REPORT**

*Submitted by*

<b>MAHESWARI.V</b>	<b>(912616106007)</b>
<b>PRIYANKA.E</b>	<b>(912616106009)</b>
<b>SANKAVI.M</b>	<b>(912616106302)</b>

*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**ELECTRONICS AND COMMUNICATION ENGINEERING**

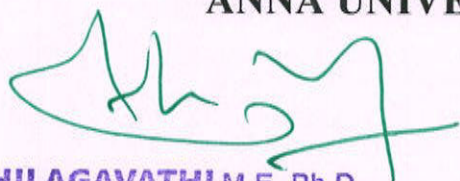


**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**

**KAIKKURICHI, PUDUKKOTTAI - 622 303**

**ANNA UNIVERSITY : CHENNAI 600 025**

**APRIL 2020**



**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 **“WSN BASED IN PIPE LEAK DETECTIONROBOT AND LOCALIZATION FOR PIPE LINE INSPECTIONAPPLICATION”** is the bonafide work of **“MAHESWARI.V(912616106007),PRIYANKA.E(912616106009),SANKAVI.M(912616106302)”**who carried out the project work under my supervision.

**SIGNATURE**

**Mr. S.UDHAYANAN M.E.,  
HEAD OF THE DEPARTMENT**

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

**SIGNATURE**

**Mrs. YOGESHWARI M.E.,  
SUPERVISOR**

Assistant professor,  
Department of ECE,  
Sri Bharathi Engineering College for  
Women,  
Pudukkottai-622 303.

Submitted for Project work Viva-Voce held on \_\_\_\_\_

**Internal Examiner \***

**External Examiner \***

\*Due to covid-19 pandemic situations the viva-voce was conducted through online mode

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



**AN IOT BASED SECURED ATM SYSTEM USING  
FACE RECOGNITION TECHNIQUE**

**A PROJECT REPORT**

*Submitted by*

<b>ATCHAYA.G</b>	<b>(912616106003)</b>
<b>DHARANIYA.A</b>	<b>(912616106005)</b>
<b>SIVARUBINI.S</b>	<b>(912616106014)</b>

*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**

**APRIL 2020**

**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 “AN IOT BASED SECURED ATM SYSTEM USING FACE RECOGNITION TECHNIQUE” is the bonafide work of “ATCHAYA.G(912616106003), DHARANIYA.A(912616106005), and SIVARUBINI.S (912616106014)” who carried out the project work under my supervision.

**SIGNATURE**

Mr. S.UDHAYANAN M.E.,

**HEAD OF THE DEPARTMENT**

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

**SIGNATURE**

Mr. S.UDHAYANAN M.E.,

**SUPERVISOR**

Assistant professor,  
Department of ECE,  
Sri Bharathi Engineering  
College for Women,  
Pudukkottai-622 303.

Submitted for Project work and Viva Voice held on .....

**INTERNAL EXAMINER\***

**EXTERNAL EXAMINER\***

\*Due to covid-19 pandemic situations the viva-voce was conducted through online mode

  
**Dr. S.THILAGAVATHI M.E., Ph.D.,**  
PRINCIPAL  
SRIBHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurci, - 622 303, Pudukkottai Dt



**PERTINENT SELECTION OF ADDER FOR AN  
OPTIMUM 16 BIT ALU DESIGN**

**A PROJECT REPORT**

*Submitted by*

<b>ABINAYA. R</b>	<b>( 912616106001)</b>
<b>AGALYA. A</b>	<b>( 912616106002)</b>
<b>DEEPA. N</b>	<b>( 912616106004)</b>

*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**

**APRIL 2020**

**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” **PERTINENT SELECTION OF ADDER OF AN OPTIMUM 16 BIT ALU DESIGN**” is the bonafide work of “**ABINAYA.R (912616106001), AGALYA.A (912616106002), DEEPA.N (912616106004)**” who carried out the project work under my supervision.

**SIGNATURE**

**Mr. S. UDHAYANAN M.E.,  
HEAD OF THE DEPARTMENT**

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-Voice held on \_\_\_\_\_

**Internal Examiner\***

**External Examiner\***

\*Due to covid-19 pandemic situations the viva-voce was conducted through online mode.

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



**HEARTBEAT AND TEMPRATURE MONITORING  
SYSTEM FOR SOLDIER USING GSM AND GPS**

**A PROJECT REPORT**

*Submitted by*

**PAZHANIYAMMAL R (912616106008)**

**SHANMUGAPRIYA R (912616106011)**

**VINCY A (912616106016)**

*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**

**SEPTEMBER 2020**

  
**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 “**HEARTBEAT AND TEMPERATURE MONITORING SYSTEM FOR SOLDIER USING GSM AND GPS**” is the bonafide work of “**PAZHANIYAMMAL.R (912616106008), SHANMUGAPRIYA.R (912616106011), and VINCY.A (912616106016)**” who carried out the project work under my supervision.

**SIGNATURE**

**Mr. S.UDHAYANAN M.E.,  
HEAD OF THE DEPARTMENT**

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

**SIGNATURE**

**Mrs. V.NITHYA POORANI M.E.,  
Mrs. V.SAGAYA MARY 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- 22.09.2020

**Internal Examiner\***

**External Examiner\***

\*Due to covid-19 pandemic situations the viva-voce was conducted through online mode

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



# A WSN BASED AGRICULTURE MONITORING SYSTEM

A PROJECT REPORT

*Submitted by*

JEEVITHA. U	(912616106006)
ROJA. A	(912616106010)
SHIYAMALA. E	(912616106012)
SIVABHARATHI. P	(912616106013)

*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**

**APRIL 2020**

  
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 “A WSN BASED AGRICULTURE MONITORING SYSTEM” is the bonafide work of “JEEVITHA.U (912616106006), ROJA.A (912616106010), SHIYAMALA.E (912616106012) and SIVABHARATHI.P (912616106013)” who carried out the project work under my supervision.

**SIGNATURE**

**Mr. S.UDHAYANAN M.E.,  
HEAD OF THE DEPARTMENT**

Department of ECE,  
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**SIGNATURE**

**Mr. C.PALANIAPPAN M.E.,  
SUPERVISOR**

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

Submitted for University Project Viva-Voce held on \_\_\_\_\_

**Internal Examiner\*****External Examiner\***

\*Due to covid-19 pandemic situations the viva-voce was conducted through online mode

  
**Dr. S.THILAGAVATHI M.E., Ph.D.,**  
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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 : 2013

S.No	Register Number	Name	EC6018	EC6801	EC6802	EC6811	GE6757
1	912616106001	ABINAYA R	12	8	11	20	12
2	912616106002	AGALYA A	10	8	10	20	11
3	912616106003	ATCHAYA G	9	7	7	20	9
4	912616106004	DEEPA N	11	10	11	20	11
5	912616106005	DHARANIYA A	10	6	10	20	9
6	912616106006	JEEVITHA U	10	9	10	20	11
7	912616106007	MAHESWARI V	11	10	10	20	11
8	912616106008	PAZHANIYAMMAL R	10	10	12	20	11
9	912616106009	PRIYANKA E	12	11	12	20	10
10	912616106010	ROJA A	13	11	12	20	12
11	912616106011	SHANMUGAPRIYA R	10	7	6	20	7
12	912616106012	SHIYAMALA E	5	9	10	20	9
13	912616106013	SIVABHARATHI P	11	10	10	20	8
14	912616106014	SIVARUBINI S	13	12	12	20	13
15	912616106016	VINCY A	10	9	10	20	10
16	912616106302	SANKAVI M	9	6	10	20	9

  
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(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)**

**2019-2020**

**ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**EXPERIENTIAL LEARNING**

**LABORATORY**





**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**  
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

ACADEMIC YEAR (2019-2020)

EXPERIENCIAL LEARNING (LABORATORY COURSE-II YEAR)

EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY

L T P C  
0 0 4 2

**OBJECTIVES:**

The student should be made to:

1. Study the Frequency response of CE, CB and CC Amplifier
2. Learn the frequency response of CS Amplifiers
3. Study the Transfer characteristics of differential amplifier
4. Perform experiment to obtain the bandwidth of single stage and multistage amplifiers
5. Perform SPICE simulation of Electronic Circuits
6. Design and implement the Combinational and sequential logic circuits

**LIST OF ANALOG EXPERIMENTS:**


1. Design of Regulated Power supplies
2. Frequency Response of CE, CB, CC and CS amplifiers
3. Darlington Amplifier
4. Differential Amplifiers - Transfer characteristics, CMRR Measurement
5. Cascade and Cascade amplifiers
6. Determination of bandwidth of single stage and multistage amplifiers
7. Analysis of BJT with Fixed bias and Voltage divider bias using Spice
8. Analysis of FET, MOSFET with fixed bias, self-bias and voltage divider bias using simulation software like Spice
9. Analysis of Cascode and Cascade amplifiers using Spice
10. Analysis of Frequency Response of BJT and FET using Spice

**LIST OF DIGITAL EXPERIMENTS**

1. Design and implementation of code converters using logic gates(i) BCD to excess-3 code and vice versa (ii) Binary to gray and vice-versa
2. Design and implementation of 4 bit binary Adder/ Subtractor and BCD adder using IC 7483
3. Design and implementation of Multiplexer and De-multiplexer using logic gates
4. Design and implementation of encoder and decoder using logic gates
5. Construction and verification of 4 bit ripple counter and Mod-10 / Mod-12 Ripple counters
6. Design and implementation of 3-bit synchronous up/down counter

**TOTAL: 60 PERIODS**

  
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PUDUKKOTTAI - 622 303





**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**  
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**ACADEMIC YEAR (2019-2020)**

**EXPERIENCIAL LEARNING (LABORATORY COURSE-II YEAR)**

**BATCH LIST**

LABORATORY COURSE					
S.NO	BATCH	REG NO	NAME	LABORATORY COURSE	YEAR/SEM
1	I	912618106001	ANUSHAA S	EC8361 Analog and Digital Circuits Laboratory	II/III
		912618106002	ARIVARASI A		
		912618106003	ASMATH HAZEENA N		
2	II	912618106004	ATCHAYA R		
		912618106005	JAYAPRIYA T		
		912618106006	JAYASRI M		
3.	III	912618106007	NAGALAKSHMI P		
		912618106008	NAVITHRA D		
		912618106009	ROHINI K		
4.	IV	912618106010	SOUNTHARYA P		
		912618106012	THAIYAL NAYAGI K		
		912618106701	JANANI.R		

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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 : 2017

S.No	Register Number	Name	EC8351	EC8352	EC8361	EC8381	EC8391	EC8392	EC8393	HS8381	MA8352
1	912618106001	ANUSHAA S	17	18	19	19	17	18	17	83	16
2	912618106002	ARIVARASI A	18	18	19	19	17	16	16	75	17
3	912618106003	ASMATH HAZEENA N	17	18	19	19	16	17	17	90	17
4	912618106004	ATCHAYA R	17	18	19	19	17	18	16	90	17
5	912618106005	JAYAPRIYA T	15	16	18	18	16	16	16	76	16
6	912618106006	JAYASRI M	18	18	18	18	19	19	18	88	18
7	912618106007	NAGALAKSHMI P	15	16	17	17	15	16	16	75	16
8	912618106008	NAVITHRA D	16	17	18	18	16	16	16	73	16
9	912618106009	ROHINI K	19	19	17	17	18	19	19	90	19
10	912618106010	SOUNTHARYA P	18	17	17	18	17	17	16	80	17
11	912618106012	THAIYAL NAYAGI K	16	18	18	18	16	18	17	92	17
12	912618106701	JANANI R	17	17	18	18	18	18	18	90	17

  
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

ACADEMIC YEAR (2019-2020)

EXPERIENCIAL LEARNING (LABORATORY COURSE-III YEAR)

EC8561

COMMUNICATION SYSTEMS LABORATORY

L T P C  
0 0 4 2

**OBJECTIVES:**

**The student should be made:**

1. To visualize the effects of sampling and TDM
2. To Implement AM& FM modulation and demodulation
3. To implement PCM& DM
4. To simulate Digital Modulation schemes
5. To simulate Error control coding schemes

**LIST OF EXPERIMENTS:**

1. Signal Sampling and reconstruction
2. Time Division Multiplexing
3. AM Modulator and Demodulator
4. FM Modulator and Demodulator
5. Pulse Code Modulation and Demodulation
6. Delta Modulation and Demodulation
7. Line coding schemes
8. Simulation of ASK, FSK, and BPSK generation schemes
9. Simulation of DPSK, QPSK and QAM generation schemes
10. Simulation of signal constellations of BPSK, QPSK and QAM
11. Simulation of ASK, FSK and BPSK detection schemes
12. Simulation of Linear Block and Cyclic error control coding schemes
13. Simulation of Convolution coding scheme
14. Communication link simulation

**TOTAL: 60 PERIODS**

**HoD/ECE**  
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PUDUKKOTTAI - 622 303

**Dr. S.THILAGAVATHI M.E.,Ph.D.,**  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**ACADEMIC YEAR (2019-2020)**

**EXPERIENCIAL LEARNING (LABORATORY COURSE-III YEAR)**

**BATCH LIST**

<b>LABORATORY COURSE</b>					
<b>S.NO</b>	<b>BATCH</b>	<b>REG NO</b>	<b>NAME</b>	<b>LABORATORY COURSE</b>	<b>YEAR/SEM</b>
1	I	912617106001	ABIRAMI S	EC8561- Communication Systems Laboratory	III/V
		912617106002	ABISHEKA S		
		912617106003	ATSHAYA R		
2	II	912617106004	BAVADHARANI A		
		912617106005	BHUVANESHWARI B		
		912617106006	DHIVYA L		
3.	III	912617106007	GOWSALYA D		
		912617106009	INDHUMATHI S		
		912617106010	KANIMOZHI D		
4	IV	912617106011	KAVYA C		
		912617106012	KEERTHANA G		
		912617106013	MAHESHWARI G		
5	V	912617106014	MANOHARI M		
		912617106015	MARAGATHALAKSHMI S		
		912617106017	SAFRIN NISHA S		
6	VI	912617106018	SUBASHINI M		
		912617106019	SUBASHINI T		
		912617106020	VINTHIYA R		

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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	GE8077	OMD551
1	912617106001	ABIRAMI S	16	18	16	19	19	20	18	16	17
2	912617106002	ABISHEKA S	15	16	14	15	19	19	17	16	17
3	912617106003	ATSHAYA R	15	16	16	15	18	19	18	17	16
4	912617106004	BAVADHARANI A	16	16	14	17	18	19	18	17	16
5	912617106005	BHUVANESHWARI B	15	15	15	15	16	18	20	16	16
6	912617106006	DHIVYA L	15	17	16	17	18	19	18	16	19
7	912617106007	GOWSALYA D	15	18	16	17	19	19	18	17	17
8	912617106009	INDHUMATHI S	15	15	14	15	18	19	18	15	14
9	912617106010	KANIMOZHI D	15	18	16	16	18	19	17	17	16
10	912617106011	KAVYA C	18	19	17	18	20	20	20	19	18
11	912617106012	KEERTHANA G	15	16	15	15	16	19	19	16	15
12	912617106013	MAHESHWARI G	15	16	14	16	16	19	19	16	16
13	912617106014	MANOHARI M	15	16	14	15	18	19	17	14	16
14	912617106015	MARAGATHALAKSHMI S	15	17	15	15	18	19	19	18	17
15	912617106017	SAFRIN NISHA S	16	17	15	16	18	19	19	17	17
16	912617106018	SUBASHINI M	15	16	14	14	17	19	18	15	15
17	912617106019	SUBASHINI T	15	19	16	18	19	20	18	18	17
18	912617106020	VINTHIYA R	18	19	17	18	20	20	18	19	18

  
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**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)**

**2019-2020**

**ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**EXPERIENTIAL LEARNING**

**INDUSTRIAL VISIT**





# 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 (EXPERIENTIAL LEARNING METHOD- INDUSTRIAL VISIT)

ACADEMIC YEAR (2019 – 2020)

S.NO	REG.NO	NAME	YEAR/SEM	NAME OF THE LEARNING METHOD
1	912616106001	ABINAYA R	IV/VII	<b>EXPERIENTIAL LEARNING INDUSTRIAL VISIT- ADANI GREEN ENERGY LTD, SENGAPADAI, RAMANATHAPURAM</b>
2	912616106002	AGALYA A	IV/VII	
3	912616106003	ATCHAYA G	IV/VII	
4	912616106004	DEEPA N	IV/VII	
5	912616106005	DHARANIYA A	IV/VII	
6	912616106006	JEEVITHA U	IV/VII	
7	912616106007	AARTHI G	IV/VII	
8	912616106008	ANANTHI S	IV/VII	
9	912616106009	KANIMOZHI P	IV/VII	
10	912616106010	LAVANYA K	IV/VII	
11	912616106011	SHANMUGAPRIYA R	IV/VII	
12	912616106012	SHIYAMALA E	IV/VII	
13	912616106013	SIVABHARATHI P	IV/VII	
14	912616106014	SIVARUBINI S	IV/VII	
15	912616106016	VINCY A	IV/VII	
16	912616106302	SANKAVI M	IV/VII	
17	912617106001	ABIRAMI S	III/VI	
18	912617106002	ABISHEKA S	III/VI	
19	912617106003	ATSHAYA R	III/VI	
20	912617106004	BAVADHARANI A	III/VI	
21	912617106005	BHUVANESHWARI B	III/VI	
22	912617106006	DHIVYA L	III/VI	
23	912617106007	GOWSALYA D	III/VI	
24	912617106009	INDHUMATHI S	III/VI	
25	912617106010	KANIMOZHI D	III/VI	
26	912617106011	KAVYA C	III/VI	
27	912617106012	KEERTHANA G	III/VI	
28	912617106013	MAHESHWARI G	III/VI	
29	912617106014	MANOHARI M	III/VI	
30	912617106015	MARAGATHALAKSHMI S	III/VI	

  
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

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

S.NO	REG.NO	NAME	YEAR/SEM	NAME OF THE LEARNING METHOD
31	912616106001	ABINAYA R	II/IV	<b>EXPERIENTIAL LEARNING INDUSTRIAL VISIT- ADANI GREEN ENERGY LTD, SENGAPADAI, RAMANATHAPURAM</b>
32	912616106002	AGALYA A	II/IV	
33	912616106003	ATCHAYA G	II/IV	
34	912616106004	DEEPA N	II/IV	
35	912616106005	DHARANIYA A	II/IV	
36	912616106006	JEEVITHA U	II/IV	
37	912616106007	AARTHI G	II/IV	
38	912616106008	ANANTHI S	II/IV	
39	912616106009	KANIMOZHI P	II/IV	
40	912616106010	LAVANYA K	II/IV	
41	912616106011	SHANMUGAPRIYA R	II/IV	
42	912616106012	SHIYAMALA E	II/IV	
43	912616106013	SIVABHARATHI P	II/IV	
44	912616106014	SIVARUBINI S	II/IV	
45	912616106016	VINCY A	II/IV	
46	912616106302	SANKAVI M	II/IV	

HoD/ECE

HOD / ECE

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

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

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 : 03.02.2020

**To**

The HR Manager  
Adani Green Energy (TN), LTD  
Kamuthi, Ramanathapuram,  
Tamilnadu-623603

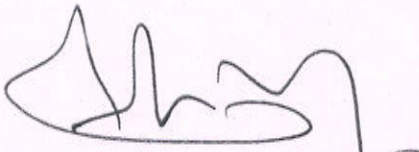
Respected sir,

**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 ECE(46 students) and EEE(28 students) along with 4 staff members to take part in an industry visit to your company on 15<sup>th</sup> February 2020. We assure you that all our students will abide by the rules and regulations of your company.

Thanking you

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

  
PRINCIPAL  
03/02/20  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI - 622 303.  
PUDUKKOTTAI DISTRICT



hr.kamuthi <hr.kamuthi@adani.com>

Mon, Feb 10 11:10 AM (3 days ago)

to Sankaranarayanan. Muruganatham, ma, Sanjay

Dear Sir,

We grant you permission to visit the Adani Green Energy (TN) Ltd, Kamuthi Site on 15.02.2020

This is for your kind information .

Thanks & Regard!

Gaurav Kumar

HR Executive

Adani Green Energy (TN) Ltd |Sengapadai Village |

Kamuthi Taluk | Ramanathapuram | Tamilnadu-623603 |

M: +91 7824001161

adani

Growth  
with  
Goodness

Our Values: Courage | Trust | Commitment

    /AdaniOnline



**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 and Affiliated to Anna University, Chennai)

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

Date : 14.02.2020

## BONAFIDE CERTIFICATE

This is to certify that the following students of our college are studying II, III & IV Year of B.E/Electronics & Communication Engineering during this academic year 2019-2020.

II YEAR - ECE		
S.NO	REG.NO	NAME OF THE STUDENT
1.	912618106001	ANUSHAA S
2.	912618106002	ARIVARASI A
3.	912618106003	ASMATH HAZEENA N
4.	912618106004	ATCHAYA R
5.	912618106005	JAYAPRIYA T
6.	912618106006	JAYASRI M
7.	912618106007	NAGALAKSHMI P
8.	912618106008	NAVITHRA D
9.	912618106009	ROHINI K
10.	912618106010	SOUNTHARYA P
11.	912618106012	THAIYAL NAYAGI K
12.	912618106701	JANANI.R
III YEAR -ECE		
13	912617106001	ABIRAMI S
14	912617106002	ABISHEKA S
15	912617106003	ATSHAYA R
16	912617106004	BAVADHARANI A
17	912617106005	BHUVANESHWARI B
18	912617106006	DHIVYA L
19	912617106007	GOWSALYA D

  
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Ph: 04322 - 242768  
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Mobile: 99422 28029, 97509 28029  
e-mail : sribharathienggcollege@gmail.com



20	912617106009	INDHUMATHI S
21	912617106010	KANIMOZHI D
22	912617106011	KAVYA C
23	912617106012	KEERTHANA G
24	912617106013	MAHESHWARI G
25	912617106014	MANOHARI M
26	912617106015	MARAGATHALAKSHMI S
27	912617106017	SAFRIN NISHA S
28	912617106018	SUBASHINI M
29	912617106019	SUBASHINI T
30	912617106020	VINTHIYA R
<b>IV YEAR -ECE</b>		
31	912616106001	ABINAYA R
32	912616106002	AGALYA A
33	912616106003	ATCHAYA G
34	912616106004	DEEPA N
35	912616106005	DHARANIYA A
36	912616106006	JEEVITHA U
37	912616106007	AARTHI G
38	912616106008	ANANTHI S
39	912616106009	KANIMOZHI P
40	912616106010	LAVANYA K
41	912616106011	SHANMUGAPRIYA R
42	912616106012	SHIYAMALA E
43	912616106013	SIVABHARATHI P
44	912616106014	SIVARUBINI S
45	912616106016	VINCY A
46	912616106302	SANKAVI M

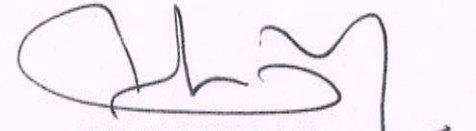
  
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 Kaikkurchi - 622 303, Pudukkottai Dt.



Accompanying Staff Members:

1. Mr.S.Udhayanan, HoD/ECE Department
2. Ms.K.A.Muthulakshmi Assistant Professor/ECE Department

This certificate is issued only for the purpose of attending **Industrial visit** in Adani Green Energy (TN) Ltd, Kamuthi Ramanathapuram Tamilnadu.



**PRINCIPAL**  
10/2/20

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



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## 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 ECE

### REPORT ON INDUSTRIAL VISIT

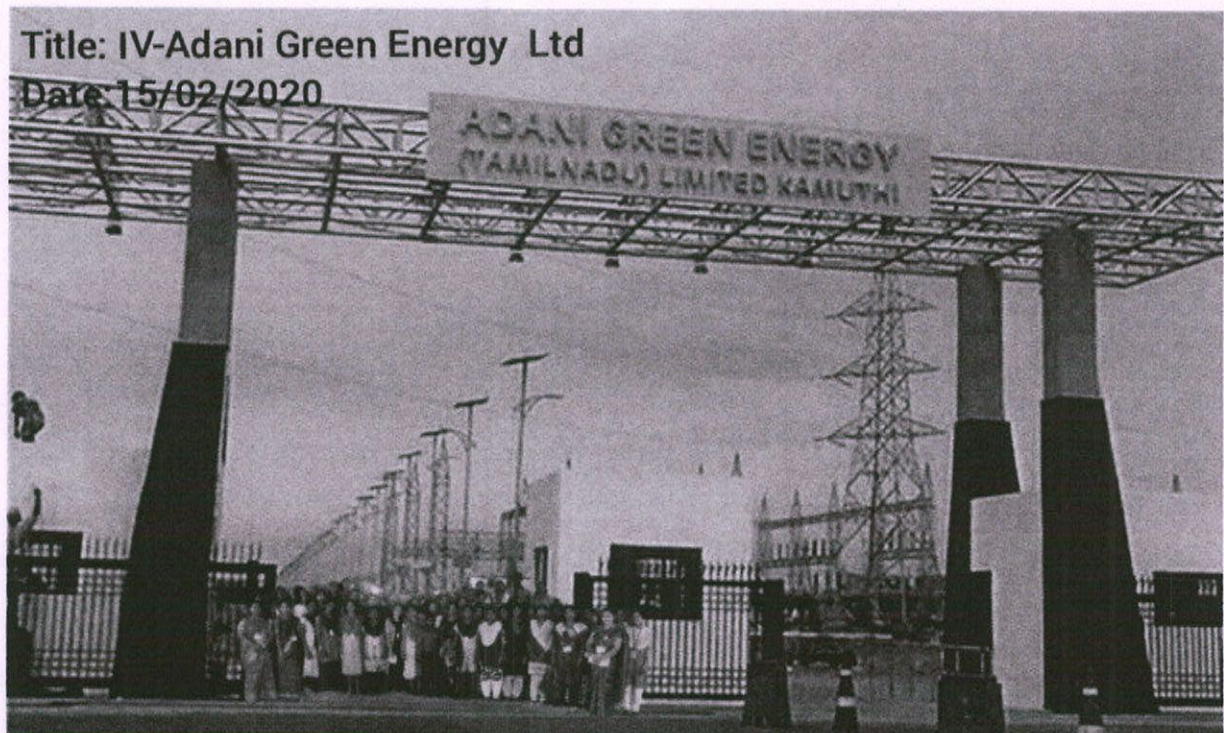
**PLACE OF VISIT : Adani Green Energy Ltd.**

**DATE : 15<sup>th</sup> FEBRUARY 2020.**

The industrial visit was scheduled on 15.02.2020 for ECE (46) & EEE (28) department students and 4 staff members.

This visit was mainly focused on learning practical insights into the renewable energy sector. The students learned about how they contribute to reduce carbon emissions and practical aspects of power generation and distribution. They also learned maintenance and safety protocols involved in operating a solar energy plant which is very useful to gain knowledge for EEE & ECE departments.

The students interacted with industry professionals to acquire practical Knowledge and real time challenges in renewable energy sector. They got an opportunity to learn advanced technologies used in the solar power plant, including photovoltaic panels, and energy storage systems. The industrial visit to Adani Green Energy Ltd was a highly informative and enriching experience for all students.



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**HoD/ ECE**

HOD / ECE

SRI BHARATHI ENGINEERING

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