

SRI BHARATHI

ENGINEERING COLLEGE FOR WOMEN

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

Kaikkurichi, Pudukkottai -622 303

www.sbec.edu.in

NAAC DOCUMENTS



Quality Indicator Frame Work

Criterion – 2

Teaching-Learning and Evaluation

Submitted by

IQAC
Internal Quality Assurance Cell

Sri Bharathi Engineering College for Women

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

Criteria 2 Teaching-Learning and Evaluation 350

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

2021-2022

ELECTRONICS AND COMMUNICATION ENGINEERING

PROBLEM SOLVING

Activity	Number of Students Attended	Page No.
Mini Project	32	3
TOTAL STUDENTS ATTENDED	32	-

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Criteria 2

Teaching-Learning and Evaluation

350

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

2021-2022

ELECTRONICS AND COMMUNICATION ENGINEERING PROBLEM SOLVING MINI PROJECT



(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 (2021-2022)

PROBLEM SOLVING METHOD

LIST OF STUDENTS II YEAR ECE- PROBLEM SOLVING METHOD

SL.NO	REG.NO	NAME	YEAR/SEM	I FADNING METHOD
1.	912620106001	ABIRAMI S	II/IV	LEARNING METHOD
2.	912620106002	ANUSHYA M	II/IV	
3.	912620106003	ARTHI S	II/IV	
4.	912620106004	JEYASRI K	II/IV	
5.	912620106006	SENPAGAHARINI V	II/IV	
6.	912620106007	SONIYA P	II/IV	PROBLEM SOLVING METHOD-MINI PROJECT
7.	912620106301	ABITHA S	II/IV	METHOD-MINIPROJECT
8.	912620106302	DESIKA G	II/IV	
9.	912620106303	SABAREESWARI S	II/IV	
10.	912620106304	SUBBULAKSHMI P	II/IV	

P. Keerthau.

Name and signature of the faculty Incharge

[P- keerthona]

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

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



(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 (2021-2022)

PROBLEM SOLVING METHOD

LIST OF STUDENTS III YEAR ECE- PROBLEM SOLVING METHOD

SL.NO	REG.NO	NAME	VEADON	
1.	912619106001	AASHIMA M	YEAR/SEM	LEARNING METHOD
		AASHIMA M	III/VI	- I I I I I I I I I I I I I I I I I I I
2.	912619106002	ANANTHI P	III/VI	
3.	912619106004	JAFFARNISHA R	III/VI	
4.	912619106005	MAHESWARI K		
5.	01061010		III/VI	PROBLEM SOLVING
5.	912619106006	MANISHA S	III/VI	
6.	912619106007	MEGAVADHANA A	III/VI	METHOD- MINI PROJECT
7.	912619106008		110 V1	
	912019106008	PRIYANGA R	III/VI	
8.	912619106009	RAGAVI V		
0	- Compression Comp	MIGATI	III/VI	
9.	912619106010	RAJAPRABA M	III/VI	
10.	912619106011		111/ V 1	
10.	912019106011	SASIKA K	III/VI	

P. Keesthara

Name and signature of the faculty Incharge

[P. Koerthana]

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

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Kaikkurchi - 622 303, Pudukkottal Dt.

HOD/ECE HOD/ECE

\$RI BHARATHI ENGINEERING COLLEGE FOR WOMEN

KAIKKURICHI, BUDUKKOTTAI - 622 303.



(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 (2021-2022)

PROBLEM SOLVING METHOD

LIST OF STUDENTS IV YEAR ECE- PROBLEM SOLVING METHOD

SL.NO	REG.NO	NAME	YEAR/SEM	LEARNING METHOD
1.	912618106001	ANUSHAA S	IV/VIII	
2.	912618106002	ARIVARASI A	IV/VIII	
3.	912618106003	ASMATH HAZEENA N	IV/VIII	
4.	912618106004	ATCHAYA R	IV/VIII	
5.	912618106005	JAYAPRIYA T	IV/VIII	PROBLEM SOLVING
6.	912618106006	JAYASRI M	IV/VIII	METHOD-MINI PROJECT
7.	912618106007	NAGALAKSHMI P	IV/VIII	
8.	912618106008	NAVITHRA D	IV/VIII	
9.	912618106009	ROHINI K	IV/VIII	
10.	912618106010	SOUNTHARYA P	IV/VIII	
11.	912618106012	THAIYAL NAYAGI K	IV/VIII	
12.	912618106701	JANANI R	IV/VIII	

P. Keerthara

Name and signature of the faculty Incharge

[p. Keerthona]

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

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

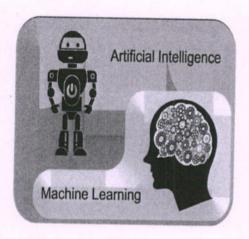


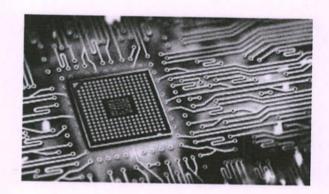
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT CONTEST

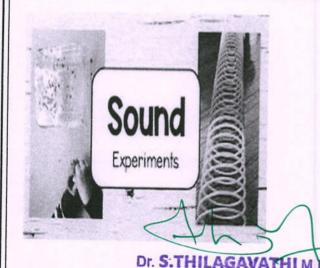
Academic Year 2021-2022





Theme

- IOT based Applications
- Artificial Intelligence
- Real Time Embedded **Applications**
- **Wireless Communications**



Date:09.04.2022

Time:10.00Am-1.00Pm

Dr. S.THILAGAVATHI M.E. Ph.D. Venue: Analog And Digital Laboratory

SRI BHARATHI ENGINEER NG

Kalkkurchi - 622 303, Pudukkotlai Dt





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CIRCULAR

23.03.2022

Department of Electronics and Communication Engineering is planning to organize Mini Project contest Competition in our college Campus on 09.04.2022.

All ECE department students are instructed to register their names with team members to the staff Incharge on or before 27.03.2022. Certificates will be awarded to the winners and all participants.

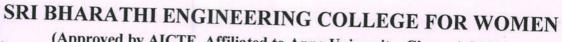
S.NO	COMPETITION	TIME	VENUE	STAFF INCHARGE
1.	Mini Project Contest	10.00 am - 1.00pm	Analog and Digital lab	Ms.P.Keerthana

Copy to

- HoD/ECE
- All Faculty Members
- II,III,IV Year ECE Department Students
- IQAC Coordinator
- Notice Board
- Office File

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

Dr. S.THILAGAVATHIM.E., Ph.D.,



(Approved by AICTE, Affiliated to Anna University, Chennai, India) Kaikkurichi, Pudukkottai – 622 303

ECE DEPARTMENT MINI PROJECT CONTEST

S.NO	DATCH	PARTICIPA		IST 09,01,00		
	BATCH LIST	PARTICIPANTS NAME	YEAR	PROJECT TITLE		
1.	I	ABIRAMI S		RFID based mineral automatic		
		ANUSHYA M	II	water distribution automatic		
		SABAREESWARI S		water distribution system in villages		
2	II	ARTHI S				
		SONIYA P	II	Designing of smart and secure		
		ABITHA S		single ATM card for multiple bank accounts		
3	III	JEYASRI K				
		SENPAGAHARINI V	-	Water Level monitoring at railway		
		DESIKA G	II	bridges and auto warning system		
		SUBBULAKSHMI P		for trains to avoid accidents		
4	IV	AASHIMA M		Innovativa dicital		
		ANANTHI P	III	Innovative digital energy meter		
		MANISHA S	- 111	with over load indicator and power theft control		
5	V	JAFFARNISHA R				
		MAHESWARI K	III	Remote operated Smart electronic voice guider for physically		
		MEGAVADHANA A		disabled/bed ridden patients or old		
6	VI	PRIYANGA R		age people		
		RAGAVI V	III	Advanced low cost voice		
		RAJAPRABA M		recognition based robot direction		
		SASIKA K	-	control using android		
7	VII	ANUSHAA S		T-4-III		
		ARIVARASI A	IV	Intelligent security and safety		
		ASMATH HAZEENA N	- 1v	system for colleges and industries		
3	VIII	JAYAPRIYA T		Wireless based		
		JAYASRI M	IV	Wireless based motor monitor &		
		ATCHAYA R	1 1	control system		
	IX	SOUNTHARYA P		Cell Phone based Street Light		
		THAIYAL NAYAGI K	IV	Controlling System		
		JANANI.R	1 "	Controlling System		
0	X	NAGALAKSHMI P		Android mobile controlled voice		
		NAVITHRA D	IV	guider for patients/old aged		
		ROHINI K		guider for patients/old aged		

Dr. S.THILAGAVATHI ME., Ph.D.,
PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 822 303, Pudukkottai Dt. HOD/ECE HOD/ECE

people/dumb people

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



(Approved by AICTE, Affiliated to Anna University, Chennai, India)
Kaikkurichi, Pudukkottai – 622 303
ACADEMIC YEAR (2021-2022)

ECE DEPARTMENT MINI PROJECT CONTEST

Judge: Mr.C.Palaniappan AP/ECE

09.04.2022

Batch No Innovation Concept Demonstration/					
Daten No	Innovation Tile (05)	Concept Explanation (05)	Demonstration/ Working (10)	Viva voce (05)	Total (25)
1.	04	03	09	04	20
2.	04	03	07	04	18
3.	02	03	06	03	14
4.	03	02	08	02	15
5.	04	03	06	63	16
6.	04	05	09	04	22
7.	04	04	09	04	21
8.	03	02	05	03	13
9.	04	03	03	02	12
10.	03	04	03	03	13.

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

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN Kaikkurchi - 622 303, Pudukkottai Dt. C. Pel—— Signature C. Palaniappan]



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Kaikkurichi, Pudukkottai – 622 303
ACADEMIC YEAR (2021-2022)

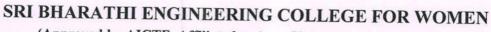
ECE DEPARTMENT MINI PROJECT CONTEST

Judge: Mrs. B.Priya AP/EEE

Dotoh	Batch Innovation Concept Demonstration/						
No	Tile (05)	Concept Explanation (05)	Demonstration/ Working (10)	Viva voce (05)	Total (25)		
1.	04	04	09	03	20		
2.	04	04	06	04	18		
3.	03	04	08	04	19		
4.	02	04	06	03	15		
5.	04	03	04	03	14		
6.	04	04	09	03	20		
7.	04	05	09	04	22		
8.	03	02	05	03	13		
9.	02	03	D6	D3	14		
10.	04	03	07	03	17		

Signature

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



(Approved by AICTE, Affiliated to Anna University, Chennai, India) Kaikkurichi, Pudukkottai – 622 303 ACADEMIC YEAR (2021-2022)

ECE DEPARTMENT MINI PROJECT CONTEST

Judges Name: Mrs. B.Priya AP/EEE & Mr.C.Palaniappan AP/ECE

D			09.04.2022
Batch No	Judge 1	Judge 2	Total (50)
1.	20	20	G0 ->
2.	18	18	36
3.	19	14	33
4.	15	15	30
5.	14	16	30
6.	20	22	(42) ->
7.	22	21	(43)> (
8.	13	13	26
9.	(4	12	26
10.	17	13	30

FIRST PRIZE : BATCH-7 SECOND PRIZE: BATCH-6

1. ARUYV 2. c. P.L. O Signature

1. Mrs.B. PRIYA

2. Mr. C. PALANIAPPAN

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

(Approved by AICTE, Affiliated to Anna University, Chennai, India) Kaikkurichi, Pudukkottai – 622 303

ECE DEPARTMENT MINI PROJECT CONTEST WINNERS LIST

09.04.2022

S.NO	NAME OF THE STUDENT	YEAR	PRIZE
	ANUSHAA S		
1.	ARIVARASI A	IV	
	ASMATH HAZEENA N		1
	PRIYANGA R		
2.	RAGAVI V		II
2.	RAJAPRABA M	III	
	SASIKA K		
	ABIRAMI S		
3	ANUSHYA M	II	III
	SABAREESWARIS		

1. BRUYN
2. C. PL
Signature

1. Mrs. B. PalyA

2. Mr. C. PALANIAPPAN.

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



KAIKKURUCHI, PUDUKKOTTAI- 622 303.

DEPARTMENT OF ECE

CERTIFICATE OF PARTICIPATION

This is to certify that Ms.ANUSHAA S IV YEAR ECE, from Sri Bharathi Engineering College for Women has been awarded I. Prize in Mini Project competition conducted on 09.04.2022 during the academic year 2021-2022

Kugh-

HoD/ECE

PRINCIPLAL

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

PRINCIPAL \RATHI ENGINEER

COLLEGE FOR WOMEN Kaikkurshi - 622 303, Pudukkottai Dt.

MANON MONTH OF THE PARTY OF THE

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

KAIKKURUCHI, PUDUKKOTTAI- 622 303.

DEPARTMENT OF ECE

CERTIFICATE OF PARTICIPATION

This is to certify that Ms.ARIVARASI A IV YEAR ECE, from Sri Bharathi Engineering College for Women has been awarded I. Prize in Mini Project competition conducted on 09.04.2022 during the academic year 2021-2022

engh-

HoD/ECE

PRINCIPAL

Dr. S.THILAGAVATHI ME., Ph.D.,

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN



CERTIFICATE OF PARTICIPATION

This is to certify that Ms.ASMATH HAZEENA N IV YEAR ECE, from Sri Bharathi Engineering

College for Women has been awarded I. Prize in Mini Project competition conducted on 09.04.2022

during the academic year 2021-2022

HoD/ECE

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

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN



CERTIFICATE OF PARTICIPATION

This is to certify that Ms.PRIYANGA R III YEAR ECE, from Sri Bharathi Engineering College for Women has been awarded II Prize in Mini Project competition conducted on 09.04.2022 during the academic year 2021-2022

Rugh_

HoD/ECE

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

SRI BHARATHI ENGINEERING COLLEGE FOR W.C.

Kaikkurchi - 622 303, Pul



CERTIFICATE OF PARTICIPATION

This is to certify that Ms.RAGAVI V III YEAR ECE, from Sri Bharathi Engineering College for Women has been awarded II Prize in Mini Project competition conducted on 09.04.2022 during the academic year 2021-2022

Rugh_

HoD/ECE

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

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurchi - 622 303, Pudukkullal Dt.



CERTIFICATE OF PARTICIPATION

This is to certify that Ms.RAJAPRABA M III YEAR ECE, from Sri Bharathi Engineering College for Women has been awarded II. Prize in Mini Project competition conducted on 09.04.2022 during the academic year 2021-2022

eigh-

HoD/ECE

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

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



CERTIFICATE OF PARTICIPATION

This is to certify that Ms.SASIKA K III YEAR ECE, from Sri Bharathi Engineering College for Women has been awarded II Prize in Mini Project competition conducted on 09.04.2022 during the academic year 2021-2022

Rugh_

HoD/ECE

PRINCIPAL PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOLLEN

Kaikkurchi - 622 303, Pudunkotta Dt.



CERTIFICATE OF PARTICIPATION

This is to certify that Ms.ABIRAMI S II YEAR ECE, from Sri Bharathi Engineering College for Women has been awarded III Prize in Mini Project competition conducted on 09.04.2022 during the academic year 2021-2022

Rugh_

HoD/ECE

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

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



CERTIFICATE OF PARTICIPATION

This is to certify that Ms.ANUSHYA M II YEAR ECE, from Sri Bharathi Engineering College for Women has been awarded III Prize in Mini Project competition conducted on 09.04.2022 during the academic year 2021-2022

E

HoD/ECE

Dr. S.THILAGAVATHIM.E., Ph.D.,

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurchi - 822 303, Pudukkottai Dt.



CERTIFICATE OF PARTICIPATION

This is to certify that Ms.SABAREESWARI S II YEAR ECE, from Sri Bharathi Engineering College for Women has been awarded III Prize in Mini Project competition conducted on 09.04.2022 during the academic year 2021-2022

eagh-

HoD/ECE

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

			Report or	Mini Project	Contest		
Title:	ECE I	ECE Department Mini Project Contest					
Jury Members:			ya AP/EEE niappan AP/EC	E			
Date of conduct	:	0	9.04.2022				
Organized Depa	rtment:	E	Electronics and C	Communication	Engineering		
Participant Year	:	2/3/4	Semester:	EVEN	No. of Students Registered :	32	
Venue: Anal	og and	digital lal	b			200.000	
			Outcome o	f Mini Project	Contest		
It offers a Pla The students g	form to ained kn	explore th owledge o	eir talents and sl	kills.			
			Asse	ssment Proces	s		

Students with innovative project ideas and those explaining the project content clearly Securing first 3 ranks and awarded with Prizes.

Winners

Ist Prize

- 1. ANUSHAA S
- 2. ARIVARASI A
- 3.ASMATH HAZEENA N

II nd Prize

- 1.PRIYANGA R
- 2.RAGAVI V
- 3.RAJAPRABA M
- 4.SASIKA K

III rd Prize

- 1. ABIRAMI S
- 2. ANUSHYA M
- 3. SABAREESWARI S

P. Keerthana Coordinator

HOD/ECE HOD/ECE

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN KAIKKURICHI

PUDUKKOTTAI - 622 303.

PRINCIPAL

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