



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 – 1

CURRICULAR ASPECTS

Submitted by

IQAC

Internal Quality Assurance Cell

Sri Bharathi Engineering College for Women



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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

Pudukkottai - Aranthangi Road,

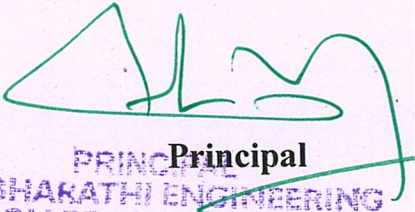
Kaikkurichi, Pudukkottai - 622 303.

TO WHOMSOEVER IT MAY CONCERN

Date :

This is to certify that **256** number of students undertaking Project Work/ Field Work/ Internship for the latest completed academic year (2022 – 2023)

AY	Name of Program	Year	Enrolled	Internship	Industrial Visit	Mini Project	Project	Total
2022-2023	Civil	I	18	-	18	18	-	42
		II	8	8	6	-	-	
		III	6	6	1	-	-	
		IV	10	10	10	10	10	
	CSE	I	54	-	54	54	-	125
		II	30	29	19	-	-	
		III	20	19	17	20	-	
		IV	21	21	19	-	21	
	ECE	I	33	-	33	33	-	64
		II	12	12	12	-	-	
		III	9	9	9	-	-	
		IV	10	10	10	-	10	
	EEE	I	7	-	7	7	-	25
		II	2	2	2	-	-	
		III	6	6	6	-	-	
		IV	10	10	10	-	10	
			256	142	233	142	51	256


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



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Criterion 1	Curricular Aspects	100
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1.3 Curriculum Enrichment

1.3.2- Table of Content for number of students undertaking Main Project Work

S.No	Department	No.of Students	Page Number
1	CIVIL	10	4-10
2	CSE	21	11-25
3	ECE	10	26-32
4	EEE	10	33-39
Total No of Students		51	



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India


DEPARTMENT OF CIVIL ENGINEERING

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

Academic year 2022-2023

BATCH NO	REGISTER NO	NAME	YEAR/SEM	TOPIC	NAME OF THE LEARNING METHOD
1	912619103002	ARULJENIFAR C	IV/VIII	Experimental Study On Partially Replacement Of Cement By Using Rice Straw Ash	EXPERIENTIAL LEARNING METHOD-PROJECT
	912619103006	PRAVEENA S			
	912619103301	LILLY JOHN J			
2	912619103005	MUTHULAKSHMI S	IV/VIII	Usance Of Groundnut Shell Ash And Waste Cardboard Pulp In Concrete	
	912619103007	PRIYADHARSHINI K			
	912619103302	BHUVANI S			
3	912619103001	AJITHA T	IV/VIII	Utilization Of Soft Drink Bottle Caps And Palm Fibre In Concrete	
	912619103003	DIVYA V			
	912619103004	MANGAIYARKARASI G			
	912619103009	RAGAVI V			


Dr. S. THILAGAVATHI M.E., Ph.D.,
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HoD/Civil
HOD / CIVIL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI,
PUDUKKOTTAI - 622 303



**EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT
OF CEMENT BY USING RICE STRAW ASH**

A PROJECT REPORT

Submitted by

C.ARULJENIFAR	912619103002
S.PRAVEENA	912619103006
J.LILLY JOHN	912619103301

in partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

IN

CIVIL ENGINEERING

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

KAIKKURICHI, PUDUKKOTTAI - 622303

ANNA UNIVERSITY:: CHENNAI - 600 025

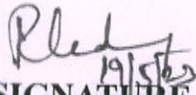
MAY 2023


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

ANNA UNIVERSITY : CHENNAI 600 025

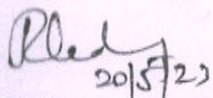
BONAFIDE CERTIFICATE

Certificate that this project report "EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF CEMENT BY USING RICE STRAW ASH" is the bonafide C.ARULJENIFAR (912619103002), S.PRAVEENA (912619103006), J.LILLY JOHN (912619103301) who carried out the Project work under by supervision.

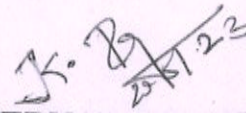

SIGNATURE
Mrs. R.PADMA RANI, M.E,
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Ms. G.GAYATHRI, M.E
SUPERVISOR,
Department of Civil Engineering,
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Pudukkottai - 622303

Submitted for the project viva – voce examination held on 20/05/2023


INTERNAL EXAMINER
[R. PADMA RANI AP/CIVIL
9/26/28 - SBECW]

ii


EXTERNAL EXAMINER
[K. ROJA AP/CIVIL
9/16 MCEET]


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



**USANCE OF GROUNDNUT SHELL ASH AND WASTE
CARDBOARD PULP IN CONCRETE**

A PROJECT REPORT

Submitted by

S. MUTHULAKSHMI	912619103005
K. PRIYADHARSHINI	912619103007
S. BHUVANI	912619103302

In partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

in

CIVIL ENGINEERING

**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN
KAIKKURICHI, PUDUKKOTTAI-622303**

ANNA UNIVERSITY: CHENNAI - 600 025

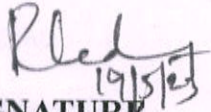
MAY-2023

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COLLEGE FOR WOMEN
Kaikkurichi - 622 303, Pudukkottai Dt.**

ANNA UNIVERSITY: CHENNAI - 600 025

BONAFIDE CERTIFICATE

Certificate that this project report "USANCE OF GROUNDNUT SHELL ASH AND WASTE CARDBOARD PULP IN CONCRETE" is the bonafide S. MUTHULAKSHMI (912619103005), K. PRIYADHARSHINI (912619103007), S. BHUVANI (912619103302) who carried out Project work under by supervision.



SIGNATURE

Mrs. R. PADMA RANI, M.E.,

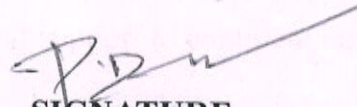
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College for Women

Pudukkottai-622303



SIGNATURE

Mrs. P. DENNIS FLORA, M.E.,

SUPERVISOR,

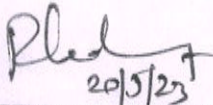
Department of Civil Engineering,

Sri Bharathi Engineering

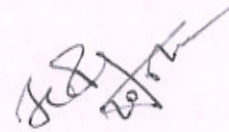
College for Women

Pudukkottai - 622303

Submitted for the project viva – voce examination held on. 20.05.2023.

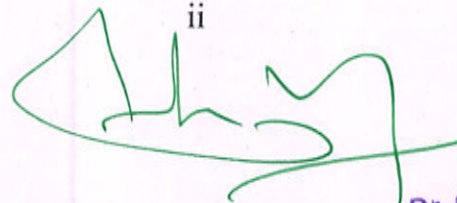


INTERNAL EXAMINER

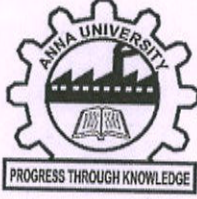


EXTERNAL EXAMINER

ii



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



UTILIZATION OF SOFTDRINK BOTTLE CAPS AND PALM FIBRE IN CONCRETE

A PROJECT REPORT

Submitted by

T.AJITHA	912619103001
V.DIVYA	912619103003
G.MANGAIYARKARASI	912619103004
V.RAGAVI	912619103009

In partial fulfillment for the award of the degree

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SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

KAIKKURICHI, PUDUKKOTTAI - 622 303

ANNA UNIVERSITY:: CHENNAI 600 025

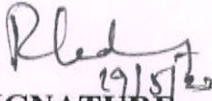
MAY-2023

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

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certificate that this project report “**UTILIZATION OF SOFT DRINK BOTTLE CAPS AND PALM FIBRE IN CONCRETE**” is the bonafide work of T.AJITHA (912619103001), V.DIVYA (912619103003), G.MANGAIYARKARASI (912619103004), V.RAGAVI (912619103009) who carried out the project work under my supervision.

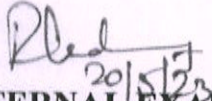

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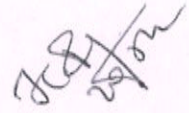
Mrs.R.PADMARANI M.E.,
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SUPERVISOR,
Department of Civil Engineering,
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Pudukkottai - 622303

Submitted for the project viva – voce examination held on. 20/05/2023


INTERNAL EXAMINER


EXTERNAL EXAMINER

ii


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



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

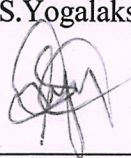
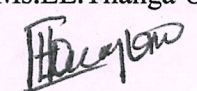
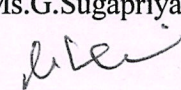
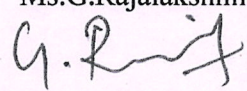
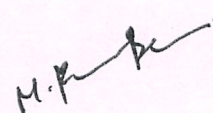
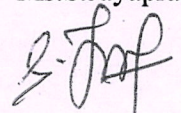

ACADEMIC YEAR 2022 – 2023 (EVEN SEMESTER)

PROJECT TITLE DETAILS

Subject code / Name : CS8811 / Project Work

Batch : 2019-2023

Year / Sem : IV / VIII

S.No	Batch	Reg No	Name	Title	Guide with Signature
1.	I	912619104007	Fahmidha B	Driver Recognition And Drowsiness Detection Using Deep Learning Technique	Ms.S.Yogalakshmi 
2.		912619104009	Gulnas Fathima S		
3.		912619104014	Niroshika R		
4.	II	912619104003	Arunnavameena A	Event Of Safety Violation Detection In Industrial Environment	Ms.EL.Thanga Uma 
5.		912619104004	Dayana P		
6.		912619104017	Parameshwari S		
7.	III	912619104020	Rilwana Parveen J	AI Enhanced OT Security Tool-Gail	Ms.G.Sugapriya 
8.		912619104029	Suriya Jothi S		
9.		912619104024	Saranya C		
10.	IV	912619104005	Dharshini D	Ailment Prediction System	Ms.G.Rajalakshmi 
11.		912619104022	Sandhiya B		
12.		912619104012	Muthulakshmi G		
13.	V	912619104301	Abinaya S	Liquid Petroleum Hydrocarbon Ocean Coastal Water Pollution Identification Using Deep Neural Network	Ms.M.ParveenBanu 
14.		912619104011	Keerthana R		
15.		912619104019	Ranjani K		
16.	VI	912619104010	Helan J	Interact Computer With Facial Expression For Tetraplegia Users Using Deep Learning	Ms.S.Jayapratha 
17.		912619104021	Roopina R		
18.		912619104027	Sneha R		
19.	VII	912619104001	Annapoorani M	Crop Disease Prediction Using Neural Network	Ms.S.Yogalakshmi 
20.		912619104013	Muthu Meenakshi M		
21.		912619104023	Santhi D		


Project Coordinator


HoD / CSE


Dr. S.THILAGAVATHI M.E., Ph.D.,
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HOD / CSE
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI,
PUDUKKOTTAI - 622 303

22-23



**DRIVER RECOGNITION AND DROWSINESS
DETECTION USING DEEP LEARNING
TECHNIQUE
A PROJECT REPORT**



Submitted by

FAHMIDHA.B	(Reg.No.912619104007)
GULNAS FATHIMA.S	(Reg.No.912619104009)
NIROSHIKA.R	(Reg.No.912619104014)

In partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

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

ANNA UNIVERSITY: CHENNAI 600 025

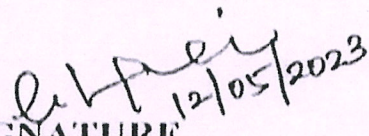
MAY 2023

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

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DRIVER RECOGNITION AND DROWSINESS DETECTION USING DEEP LEARNING TECHNIQUE" is the bonafide work of "FAHMIDHA.B (Reg.No.912619104007), GULNAS FATHIMA.S (Reg.No.912619104009), NIROSHIKA.R (Reg.No.912619104014),"who carried out the project work under my supervision.


SIGNATURE

Mrs.G.SUGAPRIYA., M.E.,M.S.,
HEAD OF THE DEPARTMENT,

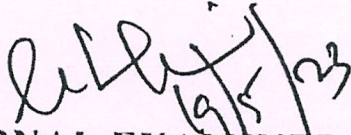
Department of CSE,
Sri Bharathi Engineering College
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Pudukkottai-622 303.


SIGNATURE

Mrs.S.YOGALAKSHMI.,M.E.,
SUPERVISOR,

Assistant Professor,
Department of CSE,
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Pudukkottai-622 303.

Submitted for the project work and viva-voce held on ..19/05/23.....


INTERNAL EXAMINER


EXTERNAL EXAMINER

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



**EVENT OF SAFETY VIOLATION DETECTION
IN INDUSTRIAL ENVIRONMENT**

A PROJECT REPORT



Submitted By

**ARUNNAVAMEENA.A
DAYANA.P
PARAMESHWARIS**

(Reg.No.912619104003)

(Reg.No.912619104004)

(Reg.No.912619104017)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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ANNA UNIVERSITY: CHENNAI 600 025

MAY 2023


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

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SRI BHARATHI ENGINEERING

COLLEGE FOR WOMEN

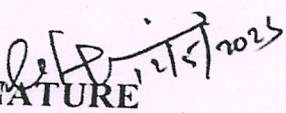
Kaikkurchi - 622 303, Pudukkottai Dt.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this mini project report "EVENT OF SAFETY VIOLATION
DETECTION IN INDUSTRIAL ENVIRONMENT" is a bonafide work of
ARUNNAVAMEENA.A (Reg.No.912619104003), DAYANA.P

(Reg.No.912619104004), PARAMESHWARI.S (Reg.No.912619104017), who
carried out the project work under my supervision.


SIGNATURE

Mrs.G.SUGAPRIYA., M.E.,
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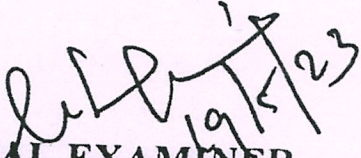
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INTERNAL EXAMINER


EXTERNAL EXAMINER

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Kaikkurchi - 622 303, Pudukkottai Dt.



AI ENHANCED OT SECURITY TOOL-GAIL
A PROJECT REPORT



Submitted by

RILWANA PARVEEN.J

(Reg.No.912619104020)

SARANYA.C

(Reg.No.912619104024)

SURIYA JOTHIS

(Reg.No.912619104029)

In partial fulfilment for the award of the degree

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KAIKKURICHI, PUDUKKOTTAI-622 303

ANNA UNIVERSITY: CHENNAI 600 025

MAY 2023

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

PRINCIPAL

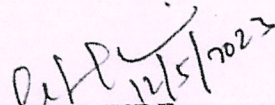
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COLLEGE FOR WOMEN**

Kaikkurichi - 622 303, Pudukkottai Dt.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "AI ENHANCED OT SECURITY TOOL-GAIL"
is the bonafide work of RILWANA PARVEEN.J(Reg.No.912619104020),
SARANYA.C(Reg.No.912619104024),SURIYA JOTHILS (Reg.No.912619104029),
who carried out the project work under my supervision.


SIGNATURE

Mrs.G.SUGAPRIYA., M.E.,M.S.,
HEAD OF THE DEPARTMENT,

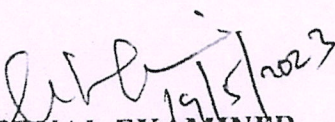
Department of CSE,
Sri Bharathi Engineering College
For women,
Pudukkottai-622001

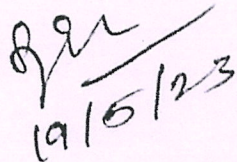

SIGNATURE

Mrs.G.SUGAPRIYA., M.E.,M.S.,
SUPERVISOR,

Assistant Professor .
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Pudukkottai-622303

Submitted for the project work and viva-voce held on .19.05.2023


INTERNAL EXAMINER


EXTERNAL EXAMINER

ii

Dr. S.THILAGAVATHI M.E.,Ph.D.,
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AILMENT PREDICTION SYSTEM



A PROJECT REPORT

Submitted by

DHARSHINI.D

(Reg.No912619104005)

MUTHULAKSHMI.G

(Reg.No912619104012)

SANDHIYA.B

(Reg.No912619104022)

In partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

KAIKURICHI, PUDUKKOTTAI-622 303

ANNA UNIVERSITY: CHENNAI 600 025

MAY 2023

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

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Kaikkurchi - 622 303, Pudukkottai Dt.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "AILMENT PREDICTION SYSTEM" is the bonafide work of "DHARSHINI.D (Reg.No912619104005), MUTHULAKSHMI (Reg.No912619104012), SANDHIYA.B (Reg. No 912619104022) who carried out the project Work under my supervision.


SIGNATURE

**Ms.G. SUGAPRIYA.,M.E.,M.S.,
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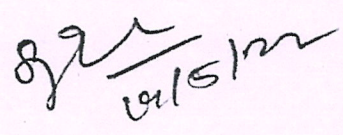

SIGNATURE

**Ms.G.RAJALAKSHMI., M.E.,
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Submitted for the project work and viva-voce held on...19/05/2023


INTERNAL EXAMINER


EXTERNAL EXAMINER

ii


Dr. S.THILAGAVATHI M.E.,Ph.D.,
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LIQUID PETROLEUM HYDROCARBON
OCEAN COASTAL WATER POLLUTION
IDENTIFICATION USING DEEP NEURAL
NETWORK



A PROJECT REPORT

Submitted by

KEERTHANA.R

(Reg. No. 912619104011)

RANJANI.K

(Reg. No. 912619104019)

ABINAYA.S

(Reg. No. 912619104301)

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KAIKURICHI, PUDUKKOTTAI - 622 303

ANNA UNIVERSITY : CHENNAI 600 025

MAY 2023

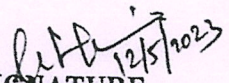
i


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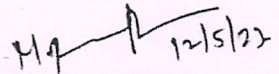
ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

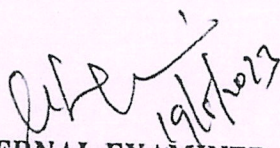
Certified that this Project report "LIQUID PETROLEUM HYDROCARBON OCEAN COASTAL WATER POLLUTION IDENTIFICATION USING DEEP NEURAL NETWORK" is bonafide work of KEERTHANA. R (Reg.No. 912619104011), RANJANI. K (Reg.No.912619104019), ABINAYA. S(Reg.No. 912619104301), who carried out the project work under my supervision.

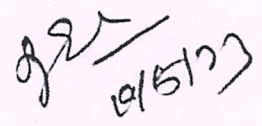

SIGNATURE
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Submitted for the Project work and viva-voce held on ..19.05.23


INTERNAL EXAMINER


EXTERNAL EXAMINER

ii


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



**INTERACT COMPUTER WITH FACIAL
EXPRESSION FOR TETRAPLEGIA
USERS USING DEEP LEARNING**



A PROJECT REPORT

Submitted by

HELAN. J

(Reg. No. 912619104010)

ROOPINA. R

(Reg. No. 912619104021)

SNEHA. R

(Reg. No. 912619104027)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

KAIKKURICHI, PUDUKKOTTAI - 622 303

ANNA UNIVERSITY : CHENNAI 600 025

MAY 2023


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ANNA UNIVERSITY : CHENNAI 600 025

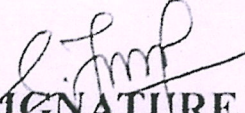
BONAFIDE CERTIFICATE

Certified that this project report "INTERACT COMPUTER WITH FACIAL EXPRESSION FOR TETRAPLEGIA USERS USING DEEP LEARNING" is the bonafide work of "HELAN. J (Reg. No 912619104010), ROOPINA. R (Reg.No 912619104021), SNEHA. R (Reg. No 912619104027) who carried out the project Work under my supervision.


SIGNATURE

Mrs. G. SUGAPRIYA., M.E., M.S.,
HEAD OF THE DEPARTMENT,

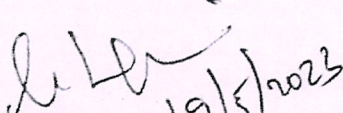
Department of CSE,
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Pudukkottai- 622 303.


SIGNATURE

Ms. S. JAYAPRIYA., M.E.,
SUPERVISOR,

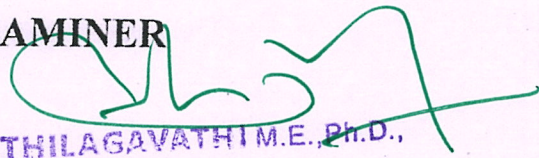
Assistant Professor,
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Pudukkottai- 622 303.

Submitted for the project work and viva-voce held on.19.05.2023


INTERNAL EXAMINER


EXTERNAL EXAMINER

ii


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CROP DISEASE PREDICTION USING NEURAL NETWORK



A PROJECT REPORT

Submitted by

ANNAPOORANI. M

(Reg. No. 912619104001)

MUTHU MEENAKSHI. M

(Reg. No. 912619104013)

SANTHI. D

(Reg. No. 912619104023)

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of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

KAIKKURICHI, PUDUKKOTTAI-622 303

ANNA UNIVERSITY : CHENNAI 600 025

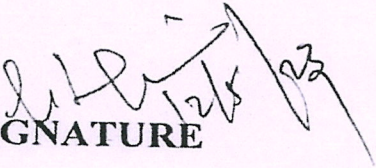
MAY 2023


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

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "CROP DISEASE PREDICTION USING NEURAL NETWORK" is the bonafide work of "ANNAPOORANI.M (Reg.No.912619104001), MUTHU MEENAKSHI.M (Reg.No.912619104013) SANTHI.D (Reg.No.912619104023)," who carried out the project work under my supervision.


SIGNATURE

**Mrs.G.SUGAPRIYA., M.E.,M.S.,
HEAD OF THE DEPARTMENT,**

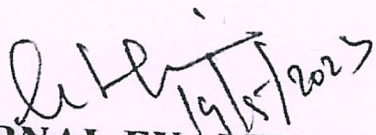
Department of CSE,
Sri Bharathi Engineering College
For Women ,
Pudukkottai-622 303.

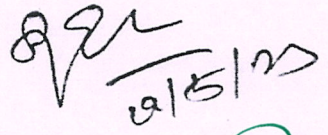
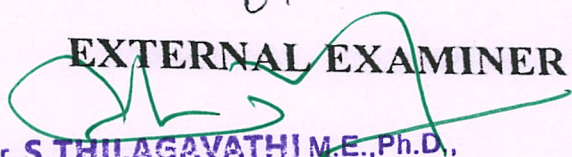

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**Mrs.S.YOGALAKSHMI.,M.E.,
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Submitted for the project work and viva-voce held on 19.05.2023


INTERNAL EXAMINER



EXTERNAL EXAMINER

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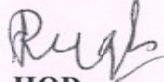
SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

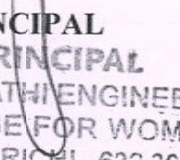
ACADEMIC YEAR (2022 – 2023)
BATCH LIST

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.,
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KAIKKURICHI - 622 303,
PUDUKKOTTAI DISTRICT


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

**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

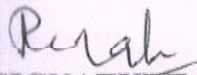
MAY 2023


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

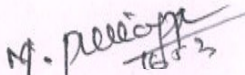
ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "**EFFICIENT MANAGEMENT SYSTEM FOR WASTE MONITORING AND CONTROLLING**" is the bonafide work of "**JAFFARNISHA.R (912619106004), ANANTHLP(912619106002), MAHESWARI.K (912619106005)**" who carried out the project work under my supervision.


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SIGNATURE

Mr.M.PALANIAPPAN M.E.,
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Submitted for University Project Viva-Voce held on 19.05.2023


Internal Examiner


External Examiner

Dr. S.THILAGAVATHI M.E., Ph.D.,
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SRI BHARATHI ENGINEERING
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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

KAIKKURICHI, PUDUKKOTTAI (622303)

ANNA UNIVERSITY : CHENNAI 600 025

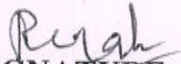
MAY 2023

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

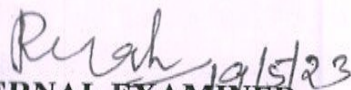

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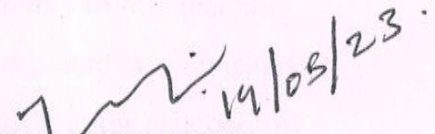
Mrs. R YOGESHWARI M.E.,
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Submitted for University Project Viva-Voce held on 19.05.2023


INTERNAL EXAMINER


EXTERNAL EXAMINER


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

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MAY 2023


Dr. S.THILAGAVATHI M.E., Ph.D.,
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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.,
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Department of ECE

Sri Bharathi Engineering

College for Women

Pudukkottai-622 303


SIGNATURE

Mrs. R. YOGESHWARI M.E.,
SUPERVISOR

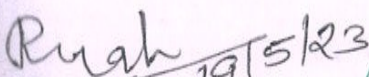
Department of ECE

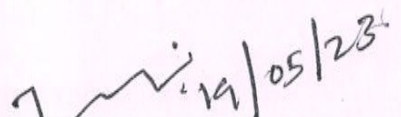
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Pudukkottai-622 303

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


Internal Examiner


External Examiner


Dr. S. THILAGAVATHI M.E., Ph.D.
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SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN
KAIKKURUCHI, PUDUKOTTAI – 622 303
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2022 – 2023 (EVEN SEMESTER)
PROJECT BATCH LIST

COURSE CODE/NAME : EE 8811-PROJECT WORK
YEAR/SEM : IV/VIII

S.NO	BATCH	REG NO	NAME	PROJECT TITLE	PROJECT GUIDE
1.	I	912619105001	AASHIKA R	NOVEL AGRICULTURAL MONITORING SYSTEM WITH MATLAB VALIDATION	Mr.T.Parthiban
		912619105003	ABITHA P		
		912619105007	NISHA S		
2.	II	912619105002	ABINAYA S	VALIDATION OF MATLAB IN MONITORING THE PARAMETERS OF A SINGLE PHASE INDUCTION MOTOR USING AN ESP 32 MICRO CONTROLLER	Mrs.B.Priya
		912619105008	PAVITHRA M		
		912619105010	SIVARANJANI S		
3.	III	912619105004	ARTHY N	SMART VENTILATION SYSTEM AND HEALTH CARE CONTROL USING IOT AND BIG DATA ANALYTICS	Mr.T.Parthiban
		912619105005	DEEPIKA R		
		912619105009	PRAGADEESHWARI A		
		912616105301	RAGAVI R		


PROJECT COORDINATOR


HOD


Dr. S.THILAGAYATHI M.E., Ph.D.,
PRINCIPAL
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Kaikkuruchi - 622 303, Pudukkottai Dt.



SMART VENTILATION SYSTEM AND HEALTH CARE CONTROL USING IOT AND BIG DATA ANALYTICS

A PROJECT REPORT

Submitted by

ARTHY.N	(912619105004)
DEEPIKA.R	(912619105005)
PRAGADEESHWARIA	(912619105009)
RAGAVI.R	(912619105301)

In partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in


ELECTRICAL AND ELECTRONICS ENGINEERING

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN,

KAIKKURICHI, PUDUKKOTTAI-622 303

ANNA UNIVERSITY: CHENNAI 600 025

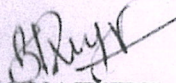
MAY 2023


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

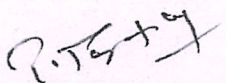
ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "SMART VENTILATION SYSTEM AND HEALTH CARE CONTROL USING IOT AND BIG DATA ANALYTICS" is the bonafide work of N.ARTHY (912619105004), R.DEEPIKA (912619105005), A.PRAGADEESHWARI (912619105009) and R.RAGAVI (912619105301) who carried out the project work under my supervision.

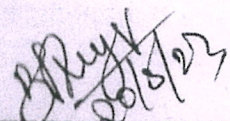

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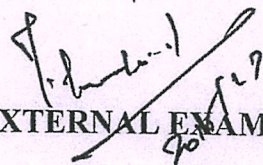
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INTERNAL EXAMINER


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**VALIDATION OF MATLAB IN MONITORING THE
PARAMETERS OF A SINGLE-PHASE INDUCTION
MOTOR USING AN ESP32 MICROCONTROLLER**

A PROJECT REPORT

Submitted by

ABINAYA.S (912619105002)

PAVITHRA.M (912619105008)

SIVARANJAN.S (912619105010)

In partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

ELECTRICAL AND ELECTRONICS ENGINEERING

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN,

KAIKKURICHI, PUDUKKOTTAI-622 303

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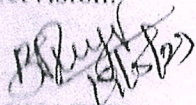
MAY 2023

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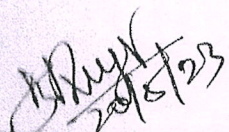

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**NOVEL AGRICULTURAL MONITORING SYSTEM
WITH MATLAB VALIDATION**

A PROJECT REPORT

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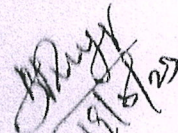
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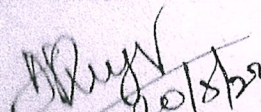

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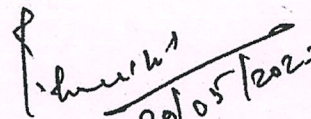
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