

2.3.1 Students Centric Methods

3.Problem solving methodologies used for enhancing learning experiences

S.No	Description
1	Details of students name along with Title of the Mini Project.
2	Copies of first page of evaluated Project Report.


PRINCIPAL
GOVT. COLLEGE OF ENGG.,
SALEM-636 011

Batch: ECE

Academic Year: 2022-2023

Semester: VI

18EC604-Mini Project

Sl. No	Reg. No	Name of the Student or Batch	Name of the Supervisor	Title of the Project
1.	2031004 2031007 2031010 2031033	Arulanan K GDhivakar S Gunal P Sanjay T	Prof. P. Deepthi	FDTD analysis of Bio-heat Equation for temperature rise due to Microwave Exposure
2.	2031036 61772131L01 61772131L02 61772131T305	Selvavairavan V Arvinth S Annamalai M Govarthan R	Prof. M. Priadarsini	Smart Gardening
3.	2031014 2031019 2031020 2031039	Kaviya C Moorthy N Naveen B Soundarya M	Prof. P. Deepthi	Design of 1X2 Circular Patch Array antenna using HFSS
4.	2131T302 2131T313 2231T502 2231T505	Aruna J Vishnupriya P Aravind S Swetha M	Prof. D. Manibharathi	Handwritten digits recognition using Deep Learning.
5.	2031022 2031027 2031032 2031038	Niranjan Kumar S Ramya K Sakthi V Soundarraaj P	Dr. I. Kalphana	Connected Home – A compact IoT based smart home automation system.
6.	2031016 2131T307 2131T311 2131T312	Madhav K Lakshmi Narayanan R Thennavan J Vasanth M	Prof. B. Khajavali	Inverter using MATLAB Simulink
7.	2031030 2031043 2131L305 2131T310	Roshini D Vijay Natraj C Ramya S Sri Bharani Kumar S	Dr. G. Kavithaa	Kidney Stone Detection by Digital Image Processing

8.	2031008 2031013 2031021 2031040	Divith K Karthik P Naveen TK Srinath C	Dr. T. Thenmozhi	Real Time Sign Language Detection using Machine Learning
9.	2031005 2031023 2031031 2231T504	Arunkumar A Oviyaa K Roshini P Mathan Kumar B	Dr. M. Dhinakaran	Breast Cancer Classification using Machine Learning
10.	2031009 2031026 2031029 2031034	Gayathri A Pavithrakumar D Renukhadevi K R Saranya N	Dr. P. Indra	Pre-processing of Melanoma for Skin Cancer Diagnosis
11.	2031011 2031017 2031018 2031025	Jothika S Meena N Mohanraj R Pavithra M	Prof. K. Jayanthi	Design of Rectangular Microstrip Patch Antenna using HFSS Software
12.	2031002 2031024 2031037 2231T501	Abirami R Pavithra C Sivaranjani S Anthika H	Dr. M. Dhinakaran	Parkinson's Disease prediction using Machine Learning
13.	2131L04 2131T303 2131T304 2131T308	Kumaresan M Arunkumar S Dinakaran S Ramanan SS	Prof. D. Manibharathi	Satellite Imagery Analysis
14.	2031012 2031044 2131T306	Karthick R Vishva S Kabilan J	Prof. B. Khajavali	Driver Drowsiness Alerting System
15.	2031041 2131T309	Surya B Sabith S	Prof. M. Priadarsini	Respondent AR


PRINCIPAL
 GOVT. COLLEGE OF ENGG.,
 SALEM-636 011

GOVERNMENT COLLEGE OF ENGINEERING, SALEM -11
(An Autonomous Institution Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this project report "FDTD ANALYSIS OF BIO-HEAT FOR EQUATION TEMPERATURE RISE DUE TO MICROWAVE EXPOSURE" is the bonafide work of

ARULANAND K G 2031004

DHIVAKAR S 2031007

GUNAL 2031010

SANJAY T 2031033

who carried out the project work under my supervision.



SIGNATURE

PROF. P. DEEPTHI, M.Tech

SUPERVISOR

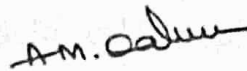
Assistant Professor

Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem- 636011.



SIGNATURE

Dr A.M.KALPANA, M.E, PhD

HEAD OF THE DEPARTMENT

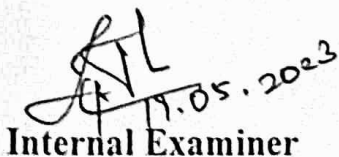
Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011

Submitted for University Project Viva-Voce Examination held on 19.05.2023



Internal Examiner



External Examiner

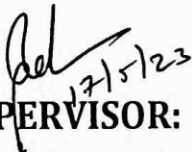
BONAFIDE CERTIFICATE

Certified that this miniproject report "SMART GARDENING" is the mini project work of

SELVAVAIRAVAN V - 2031036
ANNAMALAI M - 61772131L01
ARVINDH S - 61772131L02
GOVARTHAN R - 61772131T305

Who carried out the project work under my supervision.

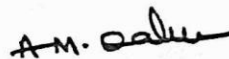
SIGNATURE



SUPERVISOR:

M.Priadarsini
Assistant Professor
Department of Electronics and
Communication Engineering,
Government College of
Engineering, Salem-636011.


SIGNATURE



HEAD OF THE DEPARTMENT:

Dr.A.M.Kalpana
Head of the Department(IC)
Department of Electronics and
Communication Engineering,
Government College of
Engineering, Salem-636011.

Submitted for University Mini Project Viva-Voce held on 19/5/23



INTERNAL EXAMINER



EXTERNAL EXAMINER

GOVERNMENT COLLEGE OF ENGINEERING, SALEM-11

(An Autonomous Institution affiliated to Anna University, Chennai, Accredited.)

BONAFIDE CERTIFICATE

Certified that this mini project report "DESIGN OF 1X2 CIRCULAR PATCH ARRAY ANTENNA USING HFSS" is the bonafide work of

KAVIYA C (2031014),

MOORTHY N (2031019),

NAVEEN B (2031020),

SOUNDARYA M (2031039)

who carried out the project work under my supervision.



SIGNATURE

PROF.P.DEEPTHI.,M.Tech ,

SUPERVISOR

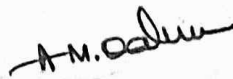
Assistant Professor

Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011



SIGNATURE

Dr.A.M.KALPANA.,M.E, Ph.D,

HEAD OF THE DEPARTMENT

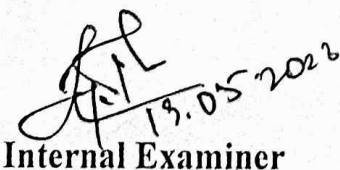
Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011

Submitted for University Mini Project Viva-Voce Examination held on. 19.05.2022



Internal Examiner



External Examiner

BONAFIDE CERTIFICATE

Certified that this mini project report "HANDWRITTEN DIGITS RECOGNITION USING DEEP LEARNING" is the mini project work of

ARUNA J - 2131T302

VISHNUPRIYA P - 2131T313

ARAVIND S - 2231T502

SWETHA M - 2231T505

who carried out the mini project work under my supervision

SIGNATURE



SUPERVISOR

D.Manibharathi

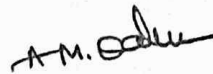
Professor

Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011.



SIGNATURE

HEAD OF THE DEPARTMENT

Dr.A.M.Kalpana

Head of the Department

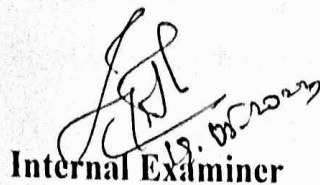
Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011.

Submitted for University Mini Project Viva-Voce held on 18.05.2023



Internal Examiner



External Examiner

BONAFIDE CERTIFICATE

Certified that this mini project report "CONNECTED HOME" is
the mini project work of

NIRANJAN KUMAR S - 2031022

RAMYA K - 2031027

SAKTHI V - 2031032

SOUNDARRAJ P - 2031038

who carried out the mini project work under my supervision.


SIGNATURE

SUPERVISOR:

Dr. I. Kalphana., M.E, Ph.D,
Assistant Professor,
Department of Electronics and
Communication Engineering,
Government College of
Engineering, Salem-636011.


SIGNATURE

HEAD OF THE DEPARTMENT:

Dr. A. M. Kalpana., M.E, Ph.D,
Professor & Head of the Department,
Department of Electronics and
Communication Engineering,
Government College of Engineering,
Salem-636011.

Submitted for University Mini Project Viva-Voce held on 19.05.2023


Internal Examiner


External Examiner

BONAFIDE CERTIFICATE

Certified that this mini-project report "INVERTER USING MATLAB
SIMULINK" is the mini project work of

VASANTH M

-(61772131T312)

LAKSHMI NARAYANAN R

-(61772131T307)

MADHAV K

-(2031016)

THENNAVAN J

-(61772131T311)

who carried out the mini project work under my supervision

SIGNATURE

SUPERVISOR:-

B. K. RAJAVALL M.E.,

Assistant Professor

Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011.

SIGNATURE

HEAD OF THE DEPARTMENT:-

Dr. A. M. KALPHANA, Ph.D.,

Head of the Department (IC)

Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011.

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

INTERNAL EXAMINER
EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

This is to certify that the project report entitled "KIDNEY STONE DETECTION BY USING DIGITAL IMAGE PROCESSING" submitted by

ROSHINI D (2031030)

VIJAY NATRAJ C (2031043)

RAMYA S (61772131L05)

SRI BHARANI KUMAR S (61772131T310)

in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Electronics and Communication Engineering of Government college of Engineering, Salem, Tamil Nadu is a record of bonafide work carried out under my guidance and supervision.

SIGNATURE



SUPERVISOR

Dr.G.Kavithaa,M.E,Ph.D

Associate Professor

Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011.

SIGNATURE

HEAD OF THE DEPARTMENT

Dr.A.M.Kalpana,M.E,Ph.D

Head of the Department

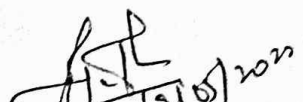
Department of Electronics and

Communication Engineering,


Government College of

Engineering, Salem-636011.

Submitted for University Mini Project Viva-Voce held on 19.05-2023



Internal Examiner



External Examiner

BONAFIDE CERTIFICATE

Certified that this mini project report "REAL TIME SIGN LANGUAGE DETECTION USING MACHINE LEARNING" is the mini project work of

DIVITH K 2031008

KARTHIK P 2031013

NAVEEN TK 2031021

SRINATH C 2031040

Who carried out the project work under my supervision.


SIGNATURE

SUPERVISOR

Dr.T.Thenmozhi M.E,Ph.D,

Professor

Department of Electronics and

Communication Engineering

Government College of

Engineering, Salem - 636011.


SIGNATURE

HEAD OF THE DEPARTMENT

Dr.A.M.Kalpana M.E,Ph.D,

Head of the Department


Department of Electronics and

Communication Engineering

Government College of

Engineering, Salem - 636011.

Submitted to the University Mini Project Viva-Voce held on 19.05.2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER

GOVERNMENT COLLEGE OF ENGINEERING, SALEM -11

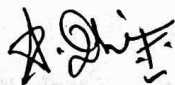
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BONAFIDE CERTIFICATE

Certified that this project Report “BREAST CANCER CLASSIFICATION USING MACHINE LEARNING” is the bonafide work of

ARUNKUMAR A	2031005
OVIYAA K	2031023
MATHAN KUMAR B	2231T504
ROSHINI P	2031031

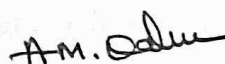
Who carried out the project work under my supervision.



SIGNATURE

Dr.M.DHINAKARAN
SUPERVISOR

Associate Professor(CAS)
Department of Electronics and
Communication Engineering,
Government College of
Engineering, Salem-636011

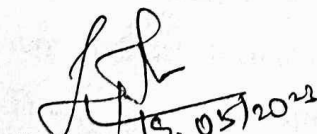



SIGNATURE

Dr.A.M.KALPANA
HEAD OF THE DEPARTMENT

Department of Electronics and
Communication Engineering,
Government College of
Engineering, Salem-636011

Submitted for University Project Viva-Voce held on 05.05.2023


19.05.2023
INTERNAL EXAMINER
19/5/23
EXTERNAL EXAMINER

GOVERNMENT COLLEGE OF ENGINEERING,

SALEM -11

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BONAFIDE CERTIFICATE

Certified that this project Report "PREPROCESSING OF MELANOMA IMAGES FOR SKIN CANCER DIAGNOSIS" is the bonafide work of

GAYATHRI A 2031009

PAVITHRAKUMAR D 2031026

RENUKHADEVI K R 2031029

SARANYA N 2031034

Who carried out the project work under my supervision.



SIGNATURE

Dr. P.INDRA

SUPERVISOR

Assistant Professor

Department of Electronics and
Communication Engineering,

Government College of
Engineering, Salem-636011.



SIGNATURE

Dr. A.M.KALPANA

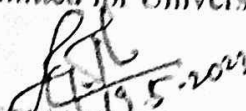
HEAD OF THE DEPARTMENT

Head of the Department

Department of Electronics and
Communication Engineering,

Government College of
Engineering, Salem-636011.

Submitted for University Project Viva-Voce held on 19/5/23


19/5/2023
INTERNAL EXAMINER
19/5/23
EXTERNAL EXAMINER

GOVERNMENT COLLEGE OF ENGINEERING, SALEM -11

(An Autonomous Institution Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this mini project report "DESIGN OF RECTANGULAR MICROSTRIP PATCH ANTENNA USING HFSS" is the bonafide work of

JOTHIKA S (2031011)

MEENA N (2031017)

MOHANRAJ R (2031018)

PAVITHRA M (2031025)

who carried out the project work under my supervision.


SIGNATURE

PROF. K. JAYANTHI, M.E

SUPERVISOR

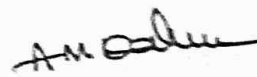
Assistant Professor

Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011


SIGNATURE

Dr. A.M. KALPHANA, M.E, Ph.D,

HEAD OF THE DEPARTMENT


Department of Electronics and


Communication Engineering,

Government College of

Engineering, Salem-636011

Submitted for University Mini Project Viva-Voce Examination held on 19.05.2023


19.05.2023
Internal Examiner


19/5/23
External Examiner

GOVERNMENT COLLEGE OF ENGINEERING, SALEM -II

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BONAFIDE CERTIFICATE

Certified that this mini project report "PARKINSON'S DISEASE PREDICTION USING MACHINE LEARNING" is the bonafide work of

ABIRAMI R

2031002

PAVITHRA C

2031024

SIVARANJANI S

2031037

ANTHIKA H

61772231T501

Who carried out the project work under my supervision,



SIGNATURE

Dr.M.DHINAKARAN

SUPERVISOR

Associate Professor(CAS)
Department of Electronics and
Communication Engineering,
Government College of
Engineering, Salem-636011



SIGNATURE

Dr.A.M.KALPANA

HEAD OF THE DEPARTMENT

Department of Electronics and
Communication Engineering,
Government College of
Engineering, Salem-636011

Submitted for University Mini Project Viva-Voce held on..19.05.2023



INTERNAL EXAMINER



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this mini-project report "SATELLITE IMAGERY ANALYSIS" is the mini project work of

ARUNKUMAR .S - (61772131T303)

DINAKARAN.S - (61772131T304)

RAMANAN.SS - (61772131T308)

KUMARESAN.M - (61772131L04)

Who carried out the project work under my supervision.


SIGNATURE

SUPERVISOR

Prof.D.MANIBHARATHI

Assistant Professor

Department of Electronics and
Communication Engineering,

Government College of

Engineering , Salem-636011.


SIGNATURE

HEAD OF THE DEPARTMENT

Dr.A.M.KALPANA

Head of the Department(i/c)

Department of Electronics and
Communication Engineering,

Government College of

Engineering , Salem-636011.

Submitted for University Mini Project Viva-Voce held on 19/5/23


INTERNAL EXAMINER


EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this miniproject report "**DRIVER DROWSINESS ALERTING SYSTEM**" is the mini project work of

KARTHICK R - 2031012

VISHVA S - 2031044

KABILAN J - 61772131T306

Who carried out the project work under my supervision.

SIGNATURE



SUPERVISOR:

B. KAHAJAVALI, ME

Assistant Professor

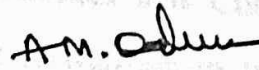
Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011.

SIGNATURE



HEAD OF THE DEPARTMENT:

Dr.A.M.KALPANA, ME, PhD

Head of the Department (IC)

Department of Electronics and

Communication Engineering,

Government College of

Engineering, Salem-636011.

Submitted for University Mini Project Viva-Voce held on 19.05.2023

BONAFIDE CERTIFICATE

Certified that this mini project report "RESPONDENT AR" is the mini project work of

SURYA B - 2031041
SABITHA S - 61772131T309

who carried out the mini project work under my supervision


SIGNATURE


SIGNATURE

SUPERVISOR:

M.Priadarsini

Assistant Professor

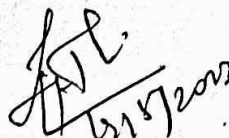
Department of Electronics and
and Communication Engineering,
Government College of
Engineering, Salem-636011.

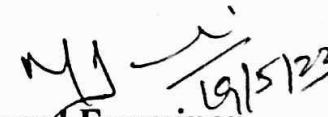
HEAD OF THE DEPARTMENT:

Dr.A.M.Kalpna

Head of the Department(IC)
Department of Electronics
Communication Engineering,
Government College of
Engineering, Salem-636011.

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Internal Examiner


External Examiner