

### SREE SAKTHI ENGINEERING COLLEGE

TNEA Admission Code (25/8)

OOTY MAIN ROAD, KARAMADAI, | MOB : +91 92445 04444,+91 92445 02277 | COIMBATORE- 641104. INDIA | Web : www.sreesakthi.edu.in

Affiliated to Anna University & Approved by AICTE, Accredited by NAAC

2.3.1

STUDENT CENTRIC METHODS EXPERIENTIAL LEARNING, PARTICIPATIVE LEARNING



#### DEPARTMENT OF MECHANICAL ENGINEERING

	LAB EXPERIMENTAL LEARNING REPORT
2.3.1	MINI PROJECT REPORT
	MODEL PROJECTS REPORT
	MAIN PROJECT REPORT

PRINCIPAL
Dr.R. PRABHU
PRINCIPAL,
SAKTHI ENGINEERING COL
COMMEATORE-647 104

#### DEPARTMENT OF MECHANICAL ENGINEERING

#### **ACADEMIC YEAR-2022-2023 (ODD SEMESTER)**

#### **Experimental learning:**

The process of learning through doing is known as experiential learning. Students are better able to relate concepts and information taught in the classroom to actual circumstances when they are involved in practical activities and reflection.

Opportunities for experiential learning come in both course- and non-course-based formats and might include concluding activities like internships, student teaching, capstone projects, undergraduate research, and service learning, to mention a few.

- 1. Improved comprehension of the course material
- 2. A more expansive perspective of the world and a sense of community Understanding of one's own abilities, interests, passions, and values
- 3. Possibilities to work with various organizations and persons
- 4. Positive business habits and competencies
- 5. The satisfaction of satisfying needs in the community
- 6. Positivity and leadership abilities

#### **Project presentation**

#### <u>Title: Wiper machine by four bar mechanism</u> <u>Sridhar,Survakanth (III year Mech)</u>



#### <u>Title: Multi axis cutting mechanism</u> <u>Sarayanakumar,Sarayanan (III year Mech)</u>



PRINCIPAL

Dr R. PRABHU

PRINCIPAL,

SAKTHI ENGINEERING COL

CONNEATORE-641 104



# SREE SAKTHI ENGINEERING COLLEGE,KARAAMADAI,COIMBATOR DEPARTMENT OF MECHANICAL ENGINEERING ACADEMIC YEAR 2022-2023

#### III YEAR MECHANICAL MINI PROJECT DETAILS

BATCH: 2022-2023

S.NO	ВАТСН	REGISTER NUMBER	NAME	PROJECT TITLE	GUIDE NAME
1			M Gowtham		
2			A Hariharan		
3			Kaleeswaran P		
4			Yuvaraj K	Portable Welding Chair and Stand	MR. CHELLIAH
5			Jaisuriya P	and Stand	
6	BATCH 1		Vasanthakumar		
7			Praveen		
8			Prathab		
9			Prashanth	Mini Grinding Machine	MR.
10	ВАТСН 2		Boopesh	With Grinding Machine	SARAVANAKUMAR
11			Dhanush		
12			Velraj		
13			Balavignesh		
14					
15					

PRINCIPAL

DR. PRABHU

PRINCIPAL,

SAKTHI ENGINEERING COL

COMMENTORE-647 104



# SREE SAKTHI ENGINEERING COLLEGE,KARAAMADAI,COIMBATORE DEPARTMENT OF MECHANICAL ENGINEERING ACADEMIC YEAR 2022-2023

IV YEAR MECHANICAL

P ROJECT DETAILS

BATCH:2022-2023

S.NO	ВАТСН	REGISTER NUMBER	NAME	PROJECT TITLE	GUIDE NAME
1		713619114001	AHAMED RINEESH		Dr.A.CHELLIAH
2		713619114002	AKASH R	DESIGN, FABRICATION AND TESTING OF WASTE PLASTIC IN TO ENERGY EFFICIENT BUILDING	
3	BATCH 1	713619114003	ASHIQ SALMAN		
4		713619114028	VIKRAM N	MATERIALS FOR IMPROVING THERMAL COMFORT.	
5		713619114008	GUNAVARASAN G		
6	DATECH A	713619114011	KISHORE TK	DESIGN AND FABRICATION OF HUMAN FOLLOWING ROBOT WITH MOTION	Mr.R.MIDHUN
7	BATCH 2	713619114012	LIBIN SAMSOM L		
8		713619114020	SARAVANA KUMAR N	SENSOR AND END EFFECTOR	
9		713619114007	GOWTHAM R		
10	713619114021 SARAVANAN I		SARAVANAN M		M. D.VADATIVADA
11		713619114023	SIVABALAN S	DESIGN AND CREATION OF SMART IRRIGATION ROBOT WIRELESS	Mr.P.VARATHARAJ
13		713619114014	POOVARASAN V		
14		713619114015	PRAKASH RAJ.MP	CONCEPTUAL MODELLING AND ANALYSIS OF SOLENOID OPERATED	Mr.B.LOGESH
15	BATCH 4	713619114027	VARUN KUMAR U		
16		713619114302	JESU DHIVAKARAN	ENGINES	

17		713619114009	KALIYAPERUMAL V		
18	BATCH 5	713619114013	MANNAN A	DESIGN AND CONSTRUCTION OF A	Mr.R.SHIVASHANKAR
19	2.2.2	713619114019	SANTHOSH V	MULTIPURPOSE AGRICULTURAL MACHINE	
20		713619114024	SRIDHARAN R	POWERED BY SOLAR ENERGY	
21		713619114005	GOPINATH M	DESIGN AND	
22	DATCHA	713619114006	GOWTHAM M	CONSTRUCTION OF A MULTIPURPOSE	Mr.V.ANTONY
23	BATCH 6	713619114010	KARTHKEYAN S	AGRICULTURAL MACHINE POWERED BY SOLAR ENERGY	
24		713619114016	SACRATES P		
25		713619114301	JAYARAJ P		
26	BATCH 7	713619114304	PRASANTHKUMAR P	THREE AXIS PNEUMATIC	Mr.S.SARAVANAKUMAR
27		713619114305	SENTHIL BALAJI S G	MODERN TRAILER FOR INDUSTRIAL PURPOSES	

PRINCIPAL

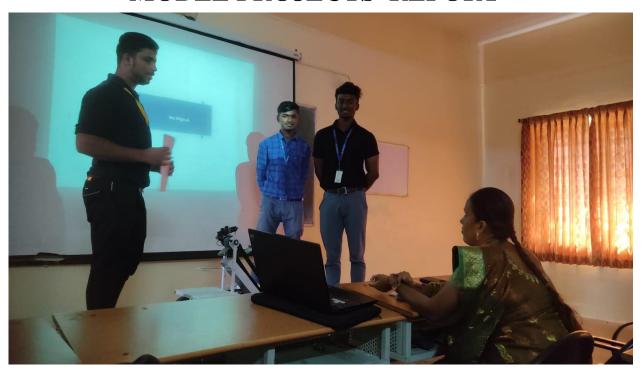
DER. PRABHU

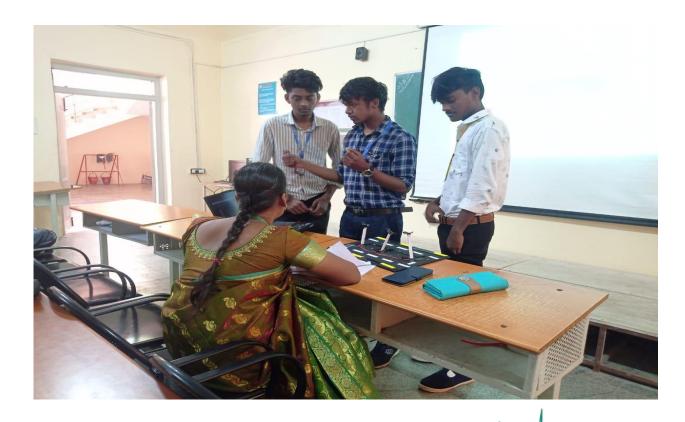
PRINCIPAL,

SAKTHI ENGIMEERING COL

COMMENTORE-647 104

## MODEL PROJECTS REPORT





PRINCIPAL

Dr.R. PRABHU

PRINCIPAL,

PRINCIPAL,

SAKTHI ENGINEERING COL

COMMENTORE-647 104

### **INDUSTRIAL VISIT REPORT 2022**

#### **DEPARTMENT OF MECHANICAL ENGINEERING**

#### A REPORT ON THREE DAYS INDUSTRIAL VISIT

#### **DAY 1:**

Place of visit: WONDERLA Date:

13 April 2023.

A batch of  $4^{th}$  &  $6^{th}$  semester 54 students of Mechanical Department along with faculty members Mr. MIDHUN R (HOD / Asst. Professor) and

Mr. SARAVANAKUMAR (Asst. Professor)

We visited this amusement park as well as the water treatment plant within the WONDERLA premises as a part of industrial visit.

#### **OUTCOME OF THE VISIT:**

- In this student got a brief knowledge about the process of water purification and recycling processes.
- Clariflocculation process was taught in practical.
- Student's benefited through this visit in connection with academics.



### <u>DAy 2</u>

Place of visit: CHIKMANGALUR

Date: 14 April 2023.

We travelled over night and reached CHIKMANGALUR by morning.

Boarded the resort and got refreshed and started our jeep trekking to SATHALANGARI VIEW POINT and HONAMANALA waterfalls.

Post lunch we visited to

- Shooting spot
- Z point
- Campfire

It was a splendid day indeed!



Day 3 Date:15.04.2023

Place of visit: COORG

Next day morning we got refreshed and vacated the resort and started our journey towards COORG. We reached COORG around 11AM and we started our visit to

- DHUBARA ELEPHANT CAMP
- GOLDEN TEMPLE
- NISARGADHAMA BAMBOO FOREST



On the whole this 3 days trip ends with so many learning's and memories to cherish. Students were benefited as well as enjoyed this trip to the fullest. They got to know about self management and also a part of academics.

PRINCIPAL

Dr R. PRABHU

PRINCIPAL,

SAKTHI ENGINEERING COL

CONNEATORE-641 104



#### SREE SAKTHI ENGINEERING COLLEGE

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

#### DEPARTMENT OF MECHANICAL ENGINEERING MINI PROJECT- BATCH PHOTOS

DATE - 09.07.2022 YEAR/SEM: III/VI

#### **BATCH-1**

# PROJECT TITLE- $\frac{\text{AUTOMATIC HAMMERING MACHINE USING SLIDER CRANK}}{\text{MECHANISM}}$



BATCH -2

#### PROJECT TITLE- WIPER MECHANISM USING FOUR BAR MECHANISM



# BATCH-3 PROJECT TITLE- MINI CONVEYOR USING GENEVA MECHANISM





# DESIGN AND FABRICATION OF SAND FILTER AND SEPARATOR



#### A PROJECT REPORT

#### Submitted by

GOWTHAM.M - 713620114002

PRASANTH.J - 713620114007

KAVINKUMAR.I - 713620114329

In partial fulfillment for the award of the degree

Of

**BACHELOR OF ENGINEERING** 

IN

MECHANICAL ENGINEERING

SREE SAKTHI ENGINEERING COLLEGE KARAMADAI, COIMBATORE – 641104

ANNA UNIVERSITY, CHENNAI - 600 025 JUNE 2023

## **ANNAUNIVERSITY: CHENNAI - 600025**

### **BONAFIDECERTIFICATE**

Certified that this project report "DESIGN AND FABRICATION OF SAND FILTER AND SEPARATOR" is the bonafide work of GOWTHAM.M ,PRASANTH.J , KAVINKUMAR.I who carried out the project work under my supervision.

SIGNATURE

Mr. R.MIDHUN., B.E, M.E(PDD)
HEAD OF THE DEPARTMENT

Mechanical Engineering
Sree Sakthi Engineering
College, Karamadai, Coimbatore-

04

SIGNATURE

Mr.P.VARADHARAJ.,B.E,ME ASSISTANTPROFESSOR,

Mechanical Engineering
Sree Sakthi EngineeringCollege,
Karamadai,Coimbatore-04

These candidates with university Register Number -713620114002, 713620114007,

713620114329, were examined by us in the project viva voice examination held on

INTERNALEXAMINER

**EXTERNALEXAMINER** 

#### **ACKNOWLEDGEMENT**

On successful completion for our project we look back to thank who made It possible. First and foremost, we thank "THE ALMIGHTY" for is blessing on us without which we could have not successfully completed our project.

We extend our deep sense of valuation Shri. N.DHARMALINGAM chairman and Dr. S.KARTHIKEYAN B.E Correspondent Sree Sakthi Engineering College, who has permitted to undergo our project.

We extend our deep sense of valuation Dr. G. RANGANATHAN, B.E., M.E., (Ph.D)., Principal in Sree Sakthi Engineering College, who has permitted us to undergo our project.

We extent special thanks to our Dr. N.PRASANNAN BE, ME, MBA, MISTE, (Ph.D) for providing facilities to complete the project successfully.

We unequally thank Mr. R. MIDHUN B.E, M.E(PDD) Head of the Department in Mechanical Engineering for the construction suggestions, advice and supervising as internal guide to our project.

We convey our special thanks, to our Guide Mr.P.VARADHARAJ B.E, M.E. Who offered their inestimable support, guidance, valuable suggestion, motivations, and helps in the completion of the project.

We dedicated our sincere respect to our parents for their moral motivation in completing our project.

Any more acknowledgements which we may have forgotten to mention here may kindly forgive.



## DESIGN AND FABRICATION OF FLOATABLE SOLAR SUN TRACKER



#### A PROJECT REPORT

#### Submitted by

POOVARASAN V

713619114014

PRAKASHRAJ M P

713619114015

VARUNKUMAR U

713619114027

JESUDHIVAKARAN A -

713619114302

In partial fulfillment for the award of the degree

Of

**BACHELOR OF ENGINEERING** 

IN

**MECHANICAL ENGINEERING** 

SREE SAKTHI ENGINEERING COLLEGE KARAMADAI, COIMBATORE – 641104

ANNA UNIVERSITY, CHENNAI - 600 025 MAY 2023

## ANNAUNIVERSITY: CHENNAI - 600025

## **BONAFIDE CERTIFICATE**

Certified that this project report "DESIGN AND FABRICATION OF FLOATABLE SOLAR SUN TRACKER "is the bonafide work of POOVARASAN V, PRAKASHRAJ M P, VARUNKUMAR U and JESUDHIVAKARAN A who carried out the project work under my supervision.

SIGNATURE

Mr. R.MIDHUN., B.E, M.E(PDD)
HEAD OF THE DEPARTMENT

Mechanical Engineering
Sree Sakthi Engineering College,
Karamadai, Coimbatore-04

B. 200/19/05/23

**SIGNATURE** 

ASSISTANT PROFESSOR,

Mechanical Engineering
Sree Sakthi Engineering College,
Karamadai, Coimbatore-04

These candidates with university Register Number -713619114014, 713619114015, 713619114027, and 713619114302 were examined by us in the project viva voice examination held on 19.05.2023

INTERNALEXAMINER

EXTERNALEXAMINER

## ACKNOWLEDGEMENT

On successful completion for our project we look back to thank who made It possible. First and foremost, we thank "THE ALMIGHTY" for is blessing on us without which we could have not successfully completed our project.

We extend our deep sense of valuation Shri. N.DHARMALINGAM chairman and Dr. S.KARTHIKEYAN B.E Correspondent Sree Sakthi Engineering College, who has permitted to undergo our project.

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# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

	LAB EXPERIMENTAL LEARNING REPORT
2.3.1	MINI PROJECT REPORT
	MODEL PROJECTS REPORT
	MAIN PROJECT REPORT

PRINCIPAL

Dr.R. PRABHU

PRINCIPAL,

SAKTHI ENGINEERING COL

COMMENTORE-647 104

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERINGACADEMIC

**YEAR-2022-2023 (ODD SEMESTER)** 

#### **Experimental learning:**

The process of learning through doing is known as experiential learning. Students are better able to relate concepts and information taught in the classroom to actual circumstances when they are involved in practical activities and reflection.

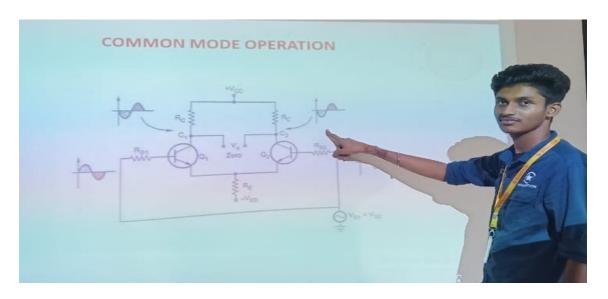
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- 3. Possibilities to work with various organizations and persons
- 4. Positive business habits and competencies
- 5. The satisfaction of satisfying needs in the community
- 6. Positivity and leadership abilities

#### **Project presentation**

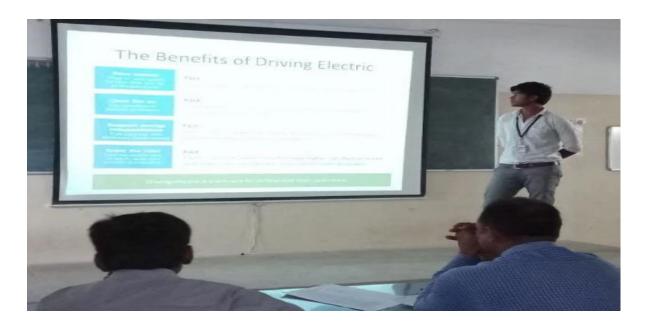
#### <u>Title: Design and implementation of 15 level</u> inverter by using PWM

Kannadas R (IV year EEE)



Title: BMS in Electric vehicle

Jeevithkumar T (III year EEE)



PRINCIPAL

Dr.R. PRABHU

PRINCIPAL,

PRINCIPAL,

SAKTHI ENGINEERING COL

COMMENTORE-647 104



## SREE SAKTHI ENGINEERING COLLEGE,KARAMADAI, COIMBATORE

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ACADEMIC YEAR 2022-2023

III YEAR EEE

#### MINI PROJECT DETAILS

BATCH: 2022-2023

S.NO	ВАТСН	REGISTER NUMBER	NAME	PROJECT TITLE	GUIDE NAME
1			VIGNESH R		
2	ВАТСН 1		GOKUL K	Automatic Railway Gate using Node MCU ESP8266	Mr. P.Ravirajan
3			SARAVANAN B		
4			KRISHNAMOOR THY K		
5			CHANDRU D		
6	BATCH 2		PRITHIKA J	IOT Based Agri Robot Using AURDUINO	Mr.
7			SURYA M	OSHIR MONDOHINO	C.P.KANDASAMY

PRINCIPAL

Dr.R. PRABHU

PRINCIPAL,

SAKTHI ENGINEERING COL

COMMENTORE-647 104



# SREE SAKTHI ENGINEERING COLLEGE,KARAAMADAI,COIMBATORE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ACADEMIC YEAR 2022-2023

#### IV YEAR EEE PROJECT DETAILS BATCH :2022-2023

S.NO	ВАТСН	REGISTER NUMBER	NAME	PROJECT TITLE	GUIDE NAME
1			ARUNA DEVI K		
2			DHANASEKARAN M	IOT BASED HOME AUTOMATION USING	
3	BATCH 1		GOVINDHA RAJ K	NODE MCU	Mr.S.Praveenkumar
4			KANNATHAS R		
5			AJITH E		

PRINCIPAL

DR. PRABHU

PRINCIPAL,

SAKTHI ENGINEERING COL

COMMENTORE-647 104

## MODEL PROJECTS REPORT



PRINCIPAL
DER. PRABHU
PRINCIPAL,
SAKTHI ENGINEERING COL
COMBATORE-647 104



#### SREE SAKTHI ENGINEERING COLLEGE

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

#### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERINGMINI PROJECT– BATCH PHOTOS

DATE – **09.07.2022** YEAR/SEM: III/VI

#### BATCH -1

#### PROJECT TITLE- IOT BASED HOME AUTOMATION USING NODE MCU



BATCH -2

#### PROJECT TITLE- <u>AUTOMATIC RAILWAYGATE USING NODEMCU ESP8266</u>



# IOT BASED AGRI ROBOT USING ARDUINO A MINI PROJECT REPORT

#### Submitted by

CHANDRU.D - 713620105001 PRITHIKA.J -713620105005 SURYA.M -713620105309

Of the degree in partial fulfillment for the award

Of

#### **BACHELOR OF ENGINEERING**

In

#### ELECTRICAL AND ELECTRONICS ENGINEERING

SREE SAKTHI ENGINEERING COLLEGE, COIMBATORE



ANNAUNIVERSITY::CHENNAI 600 025

**JUNE - 2023** 

# ANNA UNIVERSITY:: CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "IOT BASED AGRI ROBOT USING AURDUINO" is the bonafide work of CHANDRU.D, PRITHIKA.J, and SURYA.M who carried out the project work under my supervision.

(V·N). SIGNATURE

.Dr.R.NIRMALA M.E., PhD

SIGNATURE

Mr.C.P.KANDASAMY M.E

HEAD OFTHEDEPARTMENT

Assistant Professor,

Department of Electrical and

Electronics Engineering,

Sree Sakthi Engineering College,

Karamadai,

Coimbatore- 641104.

SUPERVISOR

Assistant Professor,

Department of Electrical and

Electronics Engineering,

Sree Sakthi Engineering College,

Karamadai,

Coimbatore-641104.

Submitted for the university examination heldon. 31512023......

Kale V—3/5/23
INTERNALEXAMINER

EXTERNAL EXAMINER

# AUTOMATIC RAILWAYGATE USING NODEMCU ESP8266

#### Submitted by

 VIGNESH R
 713620105312

 GOKUL K
 713620105301

 SARAVANAN B
 713620105006

KRISHNAMOORTHY K

713620105004

Of the degree in partial fulfillment for the award

Of

### BACHELOR OF ENGINEERING

In

## ELECTRICAL AND ELECTRONICS ENGINEERING

SREE SAKTHI ENGINEERING COLLEGE, COIMBATORE



ANNAUNIVERSITY::CHENNAI 600 025

2023

### ANNA UNIVERSITY::CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "AUTOMATIC RILWAYGATE USING NODEMCU ESP8266" is the bonafide work of VIGNESH R, GOKUL K SARAVANAN B and KRISHNAMOORTHY.K who carried out the project work under my supervision.

SIGNATURE

Dr.,R.NIRMALA M.E. Ph.D.,

SIGNATURE

Mr., P. RAVIRAJAN .M.E.,

HEAD OF THE DEPARTMENT

Assistant Professor,

Department of Electrical and

Electronics Engineering,

Sree Sakthi Engineering College,

Karamadai,

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SUPERVISOR

Assistant Professor,

Department of Electrical and

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Sree Sakthi Engineering College,

Karamadai,

Coimbatore 641 104.

Submitted for the university examination held on ... 31 - 05 - 2028

INTERNAL EXAMINER

Kale 31/5/23

EXTERNAL EXAMINER

# IoT BASED HOME AUTOMATION USING NODE MCU A MINI PROJECT REPORT

#### Submitted by

K.ARUNA DEVI - 713619105001 M.DHANASEKARAN -713619105002 K.GOVINDHA RAJ -713619105003 R.KANNATHAS -713619105004 E.AJITH -713619105301

of the degree in partial fulfillment for the award

of

#### **BACHELOR OF ENGINEERING**

in

### ELECTRICAL AND ELECTRONICS ENGINEERING

SREE SAKTHI ENGINEERING COLLEGE, COIMBATORE



ANNAUNIVERSITY::CHENNAI 600 025

JUNE 2022

### ANNA UNIVERSITY:: CHENNAI 600 025 **BONAFIDE CERTIFICATE**

Certified that this project report "IoT BASED HOME AUTOMATION USING NODEMCU" is the bonafide work of ARUNA DEVI.K, DHANASEKARAN.M, GOVINDHARAJ.K, KANNATHAS.R and AJITH.E who carried out the project work under my supervision.

P. Malanter 22/6/2012

Mrs.P.MALARVIZHI.,M.E.,

5 22/6/2012

Mr.S.PRAVEENKUMAR M.E.,(Ph.D).,

HEAD OF THE DEPARTMENT

Assistant Professor,

Department of Electrical and

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Sree Sakthi Engineering College,

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Coimbatore 641 104.

SUPERVISOR

Associate Professor,

Department of Electrical and

Electronics Engineering,

Sree Sakthi Engineering College,

Karamadai,

Coimbatore 641 104.

Submitted for the university examination held on 22/06/22

8-226/600 INTERNAL EXAMINER

701191226. EXTERNAL EXAMINER



# DEPARTMENT OF ECE ACADEMIC YEAR 2022-2023

	LAB EXPERIMENTAL LEARNING REPORT
2.3.1	MAIN PROJECT

#### LAB EXPERIMENTAL LEARNING REPORT

#### **EXPERIMENTAL LEARINING**

Experiential Learning is the process of learning by doing. By engaging students in hands-on experiences and reflection, they are better able to connect theories and knowledge learned in the classroom to real-world situations.

# The stages of learning reflect how learners process and assimilate information:

- Stage 1: Concrete Experience (CE) assimilating information.
- Stage 2: Reflective Observation (RO) processing information.
- Stage 3: Abstract Conceptualization (AC) assimilating information.

Stage 4: Active Experimentation (AE)



TITLE: EXPERIMENTED HOW TO EMBEDDED WITH SOFTWARE



TITLE:WORKING MODEL OF SENSOR



# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ACADEMIC YEAR (2022-23)

#### **IV YEAR ECE (BATCH: 2019-2023)**

#### PROJECT MEMBERS LIST

ватсн	REGISTER NUMBER	BATCH MEMBERS	PROJECT TITLE	PROJECT GUIDE	
1	713619106003	ANANTH J			
	713619106013	MOHAN K	Smart Parking System Using	Ms.P.Rock Feller Singh Russells	
	713619106015	PANTHALARAJAN M	IOT		
	713619106018	ROSHANAPRIYA S			
2	713619106008	KANIPRIYA P		Mrs.Mahima Mohan	
	713619106012	LIBI NANDHINI N	Smart School Bus Ensuring		
	713619106016	PRIYADHARSHINI R	Safety On The Road		
	713619106020	SOWMYA A			
3	713619106004	GOKULAKRISHNAN C		Ms.E.Elakkiya	
	713619106017	RAMKUMAR M	Vehicle Pollution Monitoring System Using IOT		
	713619106019	SANJULA M	System Osing 101		
4	713619106005	GOPINATH R	IOT Based Solar Panels		
	713619106010	KEERTHANA K	Tracking & Power Monitoring	Mrs.K.Ramya	
	713619106011	KIRUTHIKA B	Systems		
5	713619106009	KARTHICKSHANKAR S		Mrs.S.Sasikala	
	713619106022	YASWANTH H	Home Automation Using Voice Control		
	713619106302	SUDHARSHAN B	Control		

80M

HOD

COORDINATOR

#### ANNA UNIVERSITY: CHENNAI 600 025

#### **BONAFIDE CERTIFICATE**

Certified that this project report "SMART PARKING SYSTEM USING IoT" is the Bonafide work of ANANTH.J, MOHAN.K, PANTHALARAJAN.M and ROSHANANAPRIYA.S who carried out the project work under my supervision.

Mrs.S.SASIKALA M.E,(Ph.D)

HEAD OF THE DEPARTMENT

Assistant Professor,

Department of Electronics

Communication Engineering,

Sree Sakthi Engineering College,

Karamadai,

Coimbatore 641 104.

Ms.S.DEEPIKA M.E.,

**SUPERVISOR** 

Assistant Professor,

Department of Electronics

Communication Engineering,

Sree Sakthi Engineering College,

Karamadai,

Coimbatore 641 104.

Submitted for the university examination held on .19.05, 2023

INTERNAL EXAMINER

EXTERNAL EXAMINER

## SMART PARKING SYSTEM USING IoT A PROJECT REPORT

#### Submitted by

J. ANANTH

- 713619106003

K. MOHAN

- 713619106013

M. PANTHALARAJAN - 713619106015

S. ROSHANAPRIYA - 713619106018

of the degree in partial fulfillment for the award

#### BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING SREE SAKTHI ENGINEERING COLLEGE, COIMBATORE



ANNA UNIVERSITY: CHENNAI 600 025 **MAY 2023** 

### ANNA UNIVERSITY: CHENNAI 600 025 **BONAFIDE CERTIFICATE**

Certified that this project report "IOT BASED VEHICLE POLLUTION MONITORING WITH AUTO PENALTY SYSTEM" is the bonafide work of GOKULAKRISHNAN.C, RAMKUMAR.M and SANJULA.M who carried out the project work under my supervision.

Mrs. S.SASIKALA, M.E.,(Ph.D).,

Ms. E.ELAKKIYA, M.E.,

HEAD OF THE DEPARTMENT

Assistant Professor,

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**SUPERVISOR** 

Assistant Professor,

Department of Electronics and

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Sree Sakthi Engineering College,

Karamadai,

Coimbatore 641 104.

Submitted for the university examination held on 19105 2023

INTERNAL EXAMINER

# VEHICLE POLLUTION MONITORING SYSTEM USING IOT

## A PROJECT REPORT

Submitted by

GOKULAKRISHNAN.C

713619106004

RAMKUMAR.M

713619106017

SANJULA.M

713619106019

of the degree in partial fulfillment for the award

of

#### **BACHELOR OF ENGINEERING**

In

ELECTRONICS AND COMMUNICATION ENGINEERING SREE SAKTHI ENGINEERING COLLEGE, COIMBATORE



ANNA UNIVERSITY::CHENNAI 600025 MAY 2023

### IOT BASED HOME AUTOMATION USING **VOICECONTROL**

#### A PROJECT REPORT

Submitted by

SUDHARSHAN B

713619106302

KARTHIKSANKAR S

713619106009

YASHWANTH H

713619106022

of the degree in partial fulfilment for the award

of

#### **BACHELOR OF ENGINEERING**

in

**ELECTRONICS AND COMMUNICATION ENGINEERING** 

SREE SAKTHI ENGINEERING COLLEGE, COIMBATORE



ANNA UNIVERSITY::CHENNAI 600 025

**MAY 2023** 

# ANNA UNIVERSITY :: CHENNAI 600025 BONAFIDE CERTIFICATE

Certified that this project report "HOME AUTOMATION USING VOICE CONTROL" is the bonafide work of SUDHARSAN B, (713619106302) KARTHIKSANKAR S (713619106009), YASWANTH H (713619106022), who carried out the project work under my supervision.

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Submitted for the university examination held on 19.05.2023

INTERNAL EXAMINER

EXTERNAL EXAMINER

Duran

# ANNA UNIVERSITY: CHENNAI 600 025

## BONAFIDE CERTIFICATE

Certified that this project report "SMART SCHOOL BUS USING IOT: ENSURING SAFETY ON ROAD" is the bonafide work of P.KANIPRIYA, N.LIBI NANDHINI, R.PRIYADHARSHINI and A.SOWMYA who carried out the project work under my supervision.

Mrs.S.SASIKALA.M.E.,

N-AC-[875/23 Mrs.N.ABIRAMI.M.E.,

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Karamadai,

Coimbatore 641 104.

Coimbatore 641 104.

Submitted for the university examination held on ... 19.-05.-.2023

INTERNAL EXAMINER

M. Common EXTERNAL EXAMINER

# SMART SCHOOL BUS USING IOT : ENSURING SAFETY ON ROAD

#### A PROJECT REPORT

#### Submitted by

P.KANIPRIYA - 713619106008

N.LIBI NANDHINI - 713619106012

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in

# ELECTRONICS AND COMMUNICATION ENGINEERING

SREE SAKTHI ENGINEERING COLLEGE, COIMBATORE



ANNAUNIVERSITY::CHENNAI 600 025

**MAY 2023** 

# 1

#### ANNA UNIVERSITY :: CHENNAI 600 025

#### **BONAFIDE CERTIFICATE**

Certified that this project report "IOT BASED SOLAR PANELS FOR TRACKING AND POWER MONITORING SYSTEM" is the bonafide work of R.GOPINATH, K.KEERTHANA and B.KIRUTHIKA who carried out the project work under my supervision.

SIGNATURE

Parima Pu July 25 SIGNATURE

Mrs. S.SASIKALA, M.E., Ph.D.,

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Ms .R. PAVITHRA, M.E.,

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Karamadai,

Coimbatore - 6410 104

Submitted for the university examination held on.19.05.:2023...

INTERNAL EXAMINER

EVTEDNAL EVAMINED

Scanned with OKEN Scanner

# IOT BASED SOLAR PANELS FOR TRACKING AND POWER MONITORING SYSTEM A PROJECT REPORT

Submitted by

R.GOPINATH - 713619106005

K.KEERTHANA - 713619106010

B.KIRUTHIKA - 713619106011

of the degree in partial fulfillment for the award

of

#### **BACHELOR OF ENGINEERING**

in

ELECTRONICS AND COMMUNICATION ENGINEERING
SREE SAKTHI ENGINEERING COLLEGE, COIMBATORE



ANNA UNIVERSITY : CHENNAI 600 025 MAY 2023

# MODEL PROJECTS REPORT



PRINCIPAL
DER. PRABHU
PRINCIPAL,
SAKTHI ENGINEERING COL
COMBATORE-647 104



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

	LABEXPERIMENTAL LEARNING REPORT
2.3.1	MINIPROJECTREPORT
	MODELPROJECTSREPORT
	MAINPROJECTREPORT

PRINCIPAL

Dr.R. PRABHU

PRINCIPAL,

SAKTHI ENGINEERING COL

COMMENTORE-641 104

#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### **ACADEMIC YEAR-2022-2023 (ODD SEMESTER)**

#### **Experimentallearning:**

The process of learning through doing is known as experiential learning. Students are better able to relate concepts and information taught in the classroom to actual circumstances when they are involved in practical activities and reflection.

Opportunities for experiential learningcome inbothcourse- and non-course-basedformats and might include concluding activities like internships, student teaching, capstone projects, undergraduate research, and service learning, to mention a few.

- 1. Improvedcomprehension of the course material
- 2. Amoreexpansive perspective of the world and a sense of community Understanding of one's own abilities, interests, passions, and values
- 3. Possibilitiestoworkwithvariousorganizationsandpersons
- 4. Positivebusinesshabitsandcompetencies
- 5. The satisfaction of satisfying needs in the community
- 6. Positivityandleadershipabilities

#### **Projectpresentation**









#### **SREE SAKTHI ENGINEERING COLLEGE**

TNEA Admission Code (2673)

OOTY MAIN ROAD, KARAMADAI, | MOB: +91 92445 04444,+91 92445 02277 COIMBATORE- 641104. INDIA | Web: www.sreesakthi.edu.in Affiliated to Anna University & Approved by AICTE, Accredited by NAAC

#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### **ACADEMIC YEAR 2022-2023**

IV-CSE & VIII-SEM MAIN PROJECT NAME LIST BATCH :2019-2023

S.N O	BATCH NO	REGISTER NUMBER	STUDENT NAME	STAFF INCHARGE	DOMAIN	PROJECT TITLE
1	BATCH 1	713619104031	SAMSU SHEIK ABDHULLA.S	Mrs.P.Archan-AP/CSE	PYTHON/IOT	CHILD MONITORING AND CONTROLLING SYSTEM
2		713619104045	VIGNESH .G			
3		713619104038	SRUTHI.A			
4		713619104011	KARAN RAJ.V			
5	BATCH 2	713619104018	LAVANYA.A	Mr.S.KUMARAVEL- AP/CSE	NETWORKS	GENUINE PRODUCT DETECTION
6		713619104036	SHIBU .K. M			
7		713619104026	PAVITHRA.S			
8		713619104016	KAVIYAN.S			
9		713619104304	SUBIKSHA S	- Mrs.P.Prema-AP/CSE	CYBERSECURITY	REVIEW ANALYSIS SYSTEM
10		713619104046	VIGNESH .K			
11	BATCH 3	713619104003	ATHITHIYAN.S			
12		713619104041	SWETHA.S			
13	BATCH 4	713619104303	MOUNIKA K	Mr.V.D.Srihari-AP/CSE	DATA ANALYTICS	DISTRIBUTED DATA ACCESS CONTROL FOR CLOUD IOT
14		713619104013	KARUNAKARAN.K			
15		713619104005	DARWIN KUMAR .T			

16		713619104025	NANDHA GOKUL.S			
17		713619104014	KARUNA SREE			
18		713619104037	SIRANJEEVI.S			A BLOCK CHAIN BASED SECURE
19	BATCH 5	713619104023	MAREESWARI.K	Mrs.K.Sasirehka-AP/CSE	CYBERSECURITY	PHOTO SHARING FRAMEWORK FOR CROSS SOCIAL NETWORKS
20		713619104002	ARUN.B			
21		713619104302	кимитнам с			
22	DATOU 6	713619104044	VANITHA.P	Mr.S.KUMARAVEL- AP/CSE	PYTHON	STUDENTS INFORMATION RECORDS MANAGENMENT SYSTEM
23	BATCH 6	713619104015	KATHIRESAN.S			
24		713619104028	RAJA.V			
25		713619104301	KEERTHANA R		MACHINE	
26	BATCH 7	713619104022	MANIKANDAN.M	Ms.S.SWETHA-AP/CSE	MACHINE LEARNING/PYTHO N	AUTHENTICATION BY ENCRYPTION AES USING LDAP
27		713619104029	RAM KUMAR.M			
28		713619104006	DHANUSIYA.S			
29		713619104020	MAHALAKSHMI.S			
30	BATCH 8	713619104033	SANJAY. M	Ms.S.VINOTHINI -AP/CSE	BIG DATA	FARM ASSIST AGRO WEB FOR FARMERS
31		713619104030	SAKTHIVEL.R			
32		713619104040	SUNDAR.D			
33		713619104043	THIRU MUGESH. B			
34	ВАТСН 9	713619104027	RAHUL.R	Mrs.K.SELVA SHEELA - HOD/CSE	CLOUD	DATA ACCESS CONTROL USING CLOUD
35		713619104007	DINAKARAN R			

## **MODELPROJECTSREPORT**



#### A BLOCK CHAIN BASED SECURE PHOTO SHARING FRAMEWORK FOR CROSS - SOCIAL NETWORK



#### A PROJECT REPORT

Submitted By

ARUN B 713619104002 KARUNASREE V 713619104014 MAREESWARI K 713619104023 SIRANJEEVI S 713619104037

In partial fulfilment for the award of the degree

of

#### BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

SREE SAKTHI ENGINEERING COLLEGE

ANNA UNIVERSITY: CHENNAI 600 025

**MAY 2023** 

#### ANNA UNIVERSITY: CHENNAI-600025

#### BONAFIDE CERTIFICATE

Certified that this project report "A BLOCK CHAIN BASED SECURE PHOTO SHARING FRAMEWORK CROSS SOCIAL NETWORK" is the bonafide work of "ARUN B (713619104002), KARUNASREE V (713619104014), MAREESWARI K (713619104023), SIRANJEEVI S (713619104037)" who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

SIGNATURE

SIGNATURE

MR. S. KUMARAVEL, M.E., HEAD OF THE DEPARTMENT

Computer Science and Engineering Sree Sakthi Engineering College, Karamadai, Coimbatore-04 MS.S. VINOTHINI "M.E., ASSISTANT PROFESSOR,

Computer Science and Engineering Sree Sakthi Engineering College, Karamadai, Coimbatore-04

Submitted for Semester Project viva-voce examination held on 19-05-2023

INTERNAL EXAMINER

EXTERNAL EXAMINER



#### Review Analysis System Using Machine Learning



#### A PROJECT REPORT

Submitted By

ADHITHIYAN S 713619104003 SWETHA S 713619104041 SUBIKSHA S 713619104303 VIGNESH K 713619104046

In partial fulfilment for the award of the degree

of

#### **BACHELOR OF ENGINEERING**

in

COMPUTER SCIENCE AND ENGINEERING

SREE SAKTHI ENGINEERING COLLEGE

ANNA UNIVERSITY: CHENNAI 600 025

MAY 2023

# ANNA UNIVERSITY: CHENNAI-600025

## BONAFIDE CERTIFICATE

Certified that this project report "REVIEW ANALYSIS SYSTEM USING MACHINE LEARING" is the bonafide work of "ADHITHIYAN S (713619104001), SWETHA S (713619104041), SUBIKSHA S (7136191040304), VIGNESH K (713619104046)" who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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Mr. S. KUMARAVEL, M.E., HEAD OF THE DEPARTMENT

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ASSISTANT PROFESSOR

Computer Science and Engineering Sree Sakthi Engineering College, Karamadai, Coimbatore-04

Submitted for Semester Project viva-voice examination held on 19.05.23

INTERNAL EXAMINER

EXTERNAL EXAMINER



# DISTRIBUTED DATA ACCESS CONTROL FOR CLOUD IOT



#### A PROJECT REPORT

Submitted By

DARWINKUMAR.T	713619104005
KARUNAKARAN.K	713619104013
NANDHAGOKUL.S	713619104025
MOUNIKA.K	713619104303

In partial fulfilment for the award of the degree

of

#### BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

SREE SAKTHI ENGINEERING COLLEGE

ANNA UNIVERSITY: CHENNAI 600 025

MAY 2023

#### ANNA UNIVERSITY: CHENNAI-600025

#### BONAFIDE CERTIFICATE

Certified that this project report "DISTRIBUTED DATA ACCESS CONTROL FOR CLOUD IOT" is the bonafide work of "DARWIN KUMAR.T (713619104005), KARUNAKARAN.K(713619104013), NANDHAGOKUL.S (713619104025), MOUNIKA.K (713619104303)" who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

SIGNATURE

DR. S. KUMARAVEL, M.E., HEAD OF THE DEPARTMENT

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Submitted for Semester Project viva-voce examination held on 19 105/2023

INTERNAL EXAMINER

EXTERNAL EXAMINER

#### INDUSTRIALVISITREPORT 2022

#### **DEPARTMENT OF CSE**

#### A REPORT ON THREE DAYS INDUSTRIAL VISIT

DATE: 21.04.2022 & 22.04.2022

PLACE: VAGAMON, COCHIN & WONDERLA

NO OF STUDENTS – 48 NO OF FACULTY – 3

20.04.2022 (Wednesday), 11.00 pm Started from the college premises through Kumki travels.

#### **About Vagamon:**

Vagamon is an Indian hill station and revenue village in the state of Kerala, India. It is largely located in Peerumedu taluk of Idukki district (majority area comprising Vagamon town), as well as Meenachil taluk and Kanjirappally taluk of Kottayam district... Beautiful hill formations, natural attractions, and panoramic vistas abound. Vagamon has recently developed as a prominent tourist attraction, rivalling the popularity of destinations like Munnar and Kumarakam.

Vagamon Hill Station in Idukki is one of the few places on the earth that must be seen firsthand to really appreciate its magnificence. The verdant slopes, silky lawns, and general mystery of the location are unlike anything else on the planet. This charming village is buried away in the Idukki area, unaffected by contemporary influences. Trekking, paragliding, mountaineering, and rock climbing are just a few of the activities available to visitors. People like travelling through a series of three well-known hills: Thangal, Murugan, and Kurisumala.

Reached vagamon by 21.04.2022 morning 7.30am and checked in into the hotel, got fresh up and had our Breakfast.



# Hotel Details: VAGAMON TOURIST HOME

Elappara - Pulikanam Road Opposite State Bank of India, Vagamon 685503



 $DAY-1\ 21.04.2022\ (Thursday)-VAGAMON$ 

Morning: Trekking in Jeep We enjoyed this off-road vehicle trip if you want to treasure and adore Vagamon's mind-boggling beauty and natural charm. A four-wheel-drive jeep journey through Vagamon's hinterland settlements, hazy emerald fields, and lush green shrubs provides an indescribably powerful mix of emotions.



The beautiful waterfalls tumbling down from the Kapakkanam forest, as well as the miles and kilometres of granite tunnel bringing us to the Idukki Dam and its lovely structure, provide a magnificent view as we ride in the jeep. Our three-hour off-road jeep tour begins in Vagamon and travels via Uluppuni, Idukki Reservoir, View Point, and other locations. Any flourishing adventurer between the ages of 8 and 55 can enjoy this exhilarating voyage across Vagamon's wings.



Jeeps are not for everyone there are only few people among who recognise the sheer thrill of driving a jeep. Its not the jeep you drive. Its the swag you carry. No matter what terrain it is, these vehicles are made to cover many miles with ease.



#### Ullupooni tunnel walking:

Ulupooni is another popular tourist destination in Vagamon. This location is about 5 kilometres from the little Chotupara junction on the Pullikanam-Vagamon route.

The ridge's verdant meadows. The route to the next hill is quite lovely. The journey over the mountains in the jeep is a whole other experience. Idukki Dam Tunnel, River Bath, and Tree HutIt's also twice as sweet because of the travel.



The Thangampara in the Pine Forest and the Mottukunna make frequent trips to Wagamon. Anyone who wishes to break away from the usual Wagamon touring might attempt bold totems. Getting rid of the sprains in Vagamon is a huge loss.



Its an undergroumd tunnel leading to a water supply.cyprus is full of them in this case in the stairway is slightly deeper, which is probably because people may not have found water at high levels.

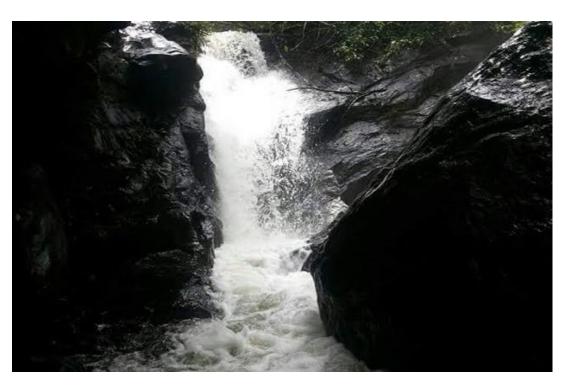


#### Waterfalls:

This spectacular waterfall flows down to the Teekoy River from a height of 60 metres and is located in the Teekoy Rubber Estate. The fresh milky water cascading down amidst the dense greenery provides a stunning scene that is to rejuvenate your soul.



Maramala falls are one of the most well-known waterfalls around Vagamon and are ideal for people seeking a few moments of tranquilly and serenity.



#### **Suicide point:**

Paragliding Point (also known as Suicide Point) is a beautiful viewpoint located in Amreuthamedu in Vagamon, Kerala, 8 kilometres from Vagamon Bus Stop. It is also known as the Paragliding Viewpoint, and it is one of the most popular vantage points in the hill town, as well as one of the must-see attractions in Vagamon Tour Packages.



This V-shaped valley is one of Vagamon's most attractive spots. You may enjoy the fresh air and mild wind while admiring the breathtaking views of the mountains and valleys from this location. The valley's vertical breadth looks to be an endless abyss. This is a popular trekking location, commonly known as Mundakayam Ghat or Amruthamedu. The ascent is a difficult hike, but the intriguing journey to the top is not to be missed. Once at the summit, the breathtaking panorama and cool wind will quickly alleviate the aftereffects of the arduous climb.



Suicide Place is also the starting point for paragliding. This is a section of South India's second tallest mountain, Amruthamedu. There are planned events where pros and novices alike may enjoy the excitement of paragliding. There is a 10-kilometer-long ridge that rises 3,000 feet from top to bottom. Throughout the season, the location experiences consistent breezes from the south-west. The paragliding season begins in September and continues through January, with excellent flying conditions from March to May.



1.00pm to 2.00pm - Lunch

# DAY-1 21.04.2022 (Thursday) – VAGAMON Afternoon:

#### Pine forest:

Vagamon Pine Forest allows visitors to enjoy some fantastic solitary moments in an incredibly stunning natural setting. The magnificent pine trees offer a panorama that may be admired all day. When golden sunlight enters the woodland through the trees, the setting becomes even more enchanting. The vista is not only captivating, but also very breathtaking. Visitors to the forest get a sense of serenity since they are far removed from the noise and bustle of the city. The forest is never overcrowded.



The Pine Forest of Vagamon, located on the outskirts of the Western Ghats near Kottayam, offers a distinct appeal to the tropical country of Kerala. In fact, it's unusual to come across such a wonderful forest in an area brimming with tropical beauty. The forest is densely forested, with tall pine trees growing on steep slopes. As a result, the woodland is an ideal location for a gentle hike. Picnics in the forest can be enjoyed by families, couples, or groups of friends.



#### **Meadows:**

Vagamon is a hill station in Kerala that attracts people all year round due to its great tourist attractions and activities such as hiking in the Vagamon Meadows, paragliding in the Vagamon Pine woods, and boating in the Vagamon lake. Because of its foggy and mild weather, the hill station is often known as the "Switzerland of Kerala."



The vast expanse of meadows is Vagamon's greatest draw. These meadows are brimming with vibrant flowers, fascinating activities, and lush vegetation. The higher the range, higher the beauty.



People may visit the meadows and go on a short hike, go boating on the Vagamon meadows lake, and rest in the lovely tea plantations in the meadows' surrounding area. The Vagamon meadows provide a multitude of incredible chances for adrenaline activities, appealing locations to visit, and adjacent areas that should be explored. Here are a few spots that locals can identify off the top of their heads that you will like and be captivated over.



At 7.00pm trip over, and went to the hotel and got ready for the fire camp

Fire camp at hotel:



At 9.00pm Campfire finished. And had our dinner in a hotel and overnight stay.

\*\*\*\*\*\*\*DAY 1 ENDS\*\*\*\*\*\*

#### **DAY-2 22.04.2022 (Friday) – VAGAMON**

Morning 5.00am Checked out the hotel and journey towards cochin.

#### 8.00 am – 9.00am Puthuvype beach

Puthuvype beach is a less trafficked but nonetheless extremely lovely beach. This beach has not been developed for tourism, and the local authority is working hard to market it as an alternative to Cherai Beach, which is a suburb of Kochi. There is also a lighthouse here. The lighthouse is only around half a kilometre from the beach.



This lighthouse is one of India's highest. To the north of the Beach, there is a small ditch. Entry to the lighthouse is authorised between the hours of 3 p.m. and 5 p.m.



9.00am to 9.45am - Breakfast

10.00am to 11.00pm

#### Industrial visit at infopark, kakkanad.cochin

Infopark Kochi, A Fantastic Location To House An IT/ITES Business In Kochi, With All Of The World-Class Infrastructures Expected Of An IT Park. The Park, Which Was Founded In 2004, Is Owned By The Government Of Kerala And Serves As A One-Stop Shop For Establishing Your IT/ITES Business. Founded In Kochi With The Goal Of Developing Infrastructure For IT/ITES Companies In The Central Kerala Region. The Park Is Located On The Eastern Side Of Kochi, Near Kakkanad, And Spans About 260 Acres Of Land In This Important Centre.



The Industrial Visit To infopark Was Organised On 22 April, 2022 For IV and VI Semester Students of CSE department . Senior Manager Of infopark Hiring And Recruitment Team Gave An Introductory Session. He Laid Emphasis On The Fact That Academia Teaches The Basis To Survive In The Ever Growing IT Industry. This Was Followed By Three Videos Showing The Work Environment And domain of work in infopark. The Next section Was

about the infrastructure of Infopark as 'The Experience Of A New Beginning'. He Gave Insights About infopark, Its IT Businesses, Consumer Care And Lighting, And Infrastructure Engineering. He Also Gave A Brief History About infopark Establishment And Its Initial Stages Of Growth Till This Days Ranking Of Being Among The Top 4 IT Company.

From this Industrial visit, student acquired knowledge

#### 12.00am to 7.00pm – Wonderla Amusement Park

Wonderla Amusement Park in Kochi, formerly known as Veega Land, is located 15 kilometres from Kochi city and features more than 50 amusement rides. Wonderla Kochi is excellently managed and spread across 30 acres of manicured area. It was designed to international standards and is impeccably maintained. Over the last 17 years, we have offered a wonderful experience to over 1 crore visitors.



Wonderla Kochi is India's first park to receive ISO14001 certification for environmental friendliness and OHSAS 18001 certification for safety.

"KOCHI IS INCOMPLETE WITHOUT WONDERLA!"



#### Types of rides in wonderla:

- 1. Land rides
- 2. Water rides
- 3. High Thrill rides
- 4. Kids rides

#### **Land Rides:**

- 1. VR Coaster
- 2. Net walk
- 3. Adventures of chikku
- 4. Caterpillar Coaster
- 5. Fire Brigade
- 6. Rockin' Tug
- 7. Balarama Cave
- 8. Dashing Cars I & II
- 9. Dancing Cars
- 10.Sky Wheel
- 11.Flying Boat
- 12. Wind Mill
- 13. Cinemagic Ride
- 14. Jumping Frog
- 15. Wonder Splash

#### Water rides:

- 1. Fusion Slide (New)
- 2. Wave Pool I & II
- 3. Family Slide
- 4. Rapid River I & II
- 5. Boomerang
- 6. Water Coasters
- 7. Wavy & Vertical Fall
- 8. Play Pool I, II & III
- 9. Snake Slides
- 10.Fun Glides
- 11.Water Fall
- 12. Rain Disco

#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### **A REPORT ON THREE DAYS INDUSTRIAL VISIT**

Place of visit: Munnar Forest

Date: 13 April 2023.

A batch of 4<sup>th</sup> and 6<sup>th</sup> semester 52 students of Department of Computer Science and Engineering along with faculty Mrs. K.Selvasheela, HOD /CSE and Mr.S.Kumaravel, AP/ CSE visited Munnar forest areas at Munnar in Kerala state.

We visited this Munnar Hills as part of Industrial Visit, This visit was mainly focused on to understand the Environmental maintenance and Natural atmosphere, Students were split into five groups each 10 persons to travel Zeep to visit entire Munnar Hills station and Dam.

#### TRANSPORTATION:

We arranged the 5 numbers of zeep car to travel with the guide of local person to explain the nature of things.

#### FOOD AND ACCOMADATION:

We provide the food for students hygienic south Indian variety foods are served and stay night hotel skylark Holidays.

#### OUTCOME OF THE VISIT:

- The Kerala state Government to maintained the Green Technology perfectly
- Forest road infrastructure adapted to landscape, forest stands and soil,
- Discussion on the difficulties faced Forest Plant and Tree Maintenance.





#### Visit to Clisten Software Solution on 14th April 2023: 10.30 am to 11.30 am

We visited this Glisten Software Solution as part of Industrial Visit. It started with a presentation explaining the different services of the platforms were used. One of the members of the team to guide and visit the workstation places and explain in detailed work culture and procedures.

Mainly focused the services are Web designing, Branding, Mobile App, E Commerce website Hosting & Domain, social Media partnership.

Then the partners of Glisten , Suite , cPanel , paynimo , Tech process, Office 365, ingenico group , aws etc.,

Then the Client of Glisten Cyrix Healthcare system, GREGORINA Public School, Southern Panorama, ARMTH Hotels

Overall visit helped us in understanding the concept of webpage designing and used to mobile app .we both Junior as well as Senior students total of 52 students along with two faculty members visited the Company.



Place of visit: Marine Drive

Date: 14 April 2023.

We visited this Marine Drive Boating and Beach as part of Industrial Visit, This visit was mainly students Enjoyment.



Place of visit: WONDERLA Amusement Park

Date: 15 April 2023.

We visited this Amusement Park as part of Industrial Visit; This visit was mainly students Enjoyment.



Date: 16 April 2023.

To Reach the College Premises at Early Morning 2.45 am to stay the hostel for day scholar students also up to morning 7.45 am.



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