



SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST ®
SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

(Accredited by NAAC with "A" GRADE)

(ISO 9001:2015 and 14001:2015 Certified)

Department of Electrical and Electronics Engineering

PROJECT BATCH LIST 2021-22

SECTION:A

YEAR:IV

Sl.No	Name of the Students	USN	Title of the project	Name of the Guide
1	JAYAVARDHAN J JOGOTTU	1SG18EE041	INTEGRATION OF RENEWABLE ENERGY SOURCES	Mr Nagaraja B S
2	AMOGH G KULKARNI	1SG18EE004		
3	AKSHAY DEVADATT N C	1SG18EE003		
4	LOHITH TK	1SG18EE044		
5	CHANDANA VASANTH	1SG18EE020	IOT BASED POWER MONITORING SYSTEMS AND POWER THEFT DETECTING SYSTEM	Dr Raghavendra G
6	DIVYA N R	1SG18EE031		
7	GANAVI N H	1SG18EE032		
8	CHANDANA D R	1SG19EE401		
9	CHETHANKUMAR M M	1SG19EE402	ELECTRIC BICYCLE	Mr Dhamodaran A
10	CHIRAG B V	1SG19EE403		
11	ESHWAR KAMBAR	1SG19EE405		
12	NISHANK V	1SG19EE410		
13	ANSHU	1SG18EE007	SMART WAGON	Mrs Sumangala S J
14	ANIRUDH BK	1SG18EE006		
15	BHARATH J	1SG18EE016		
16	GURUKIRAN V	1SG18EE033		
17	CHAITRA N	1SG18EE018	CHILD RESCUE SYSTEM ON OPEN BORE WELLS	Mr Muralikrishna
18	HARSHITHA A B	1SG18EE036		
19	J S HARITHA	1SG18EE040		
20	MAHALAKSHMI B R	1SG18EE046		
21	ANUSHA.H	1SG18EE009	SIGN LANGUAGE TO TEXT CONVERSION	Mrs Ashwini C
22	ANUPRIYA.S	1SG18EE008		
23	BHUMIKA S KUMAR	1SG18EE017		
24	HARSHITHA.V	1SG18EE037		
25	BALAJI A	1SG18EE014	COST EFFECTIVE SMART VENTILATOR SYSTEM	Mrs.Jhansi K
26	BHARATH B R	1SG18EE015		
27	CHARAN O	1SG18EE021		
28	KIRAN S	1SG18EE042		
29	KRUTHIKA H M	1SG18EE043	IOT BASED BUCK BOOST CONVERTER USING PV FOR RESIDENTIAL APPLICATIONS	Mr Akshay Kumar D
30	MADHURIMA ACHARYA	1SG18EE045		
31	MEGHANA M R	1SG19EE408		
32	KALPANA P	1SG19EE406		
33	ABHIJEET PRASAD	1SG18EE001	FAULT ANALYSIS OF INDUCTION MOTOR USING MACHINE LEARNING	Mr Yousuf Madar
34	ASHUTHOSH SINGH	1SG8EE011		
35	BALASURYA S	1SG18EE013		
36	HARSHITH M S	1SG18EE035		
37	DEVARINTI KEERTHI	1SG18EE029	AGROSMART	Mrs Swetha G
38	HARSHITHA V	1SG18EE038		
39	AKSHATHA G	1SG18EE002		
40	DEEPIKA N	1SG17EE021		
41	AMRUTHA R	1SG18EE005	E-HEALTH ACQUISITION, TRANSMISSION AND MONITORING SYSTEM	Mr Muralikrishna K
42	D MANOJ KUMAR	1SG18EE027		
43	DHARMARAJ H T	1SG18EE030		
44	HARSHA M	1SG18EE034		
45	ARJUN R	1SG18EE010	LI-FI BASED TEXT COMMUNICATION BETWEEN	Mr Shivarai A
46	CHELUVARAMA S	1SG18EE022		


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road
Bengaluru - 560 057



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SECTION:A

YEAR:IV

Sl.No	Name of the Students	USN	Title of the project	Name of the Guide
47	CHETHAN GOWDA GT	1SG18EE025	COMMUNICATION BETWEEN TWO VEHICLES	Mr. Chivara J A
48	DARSHAN P	1SG18EE028		
49	ANKITH SHARMA	1SG19EE400	SOLAR BASED ELECTRIC VEHICLE CHARGING	Mrs Preetha N P
50	DHARSHAN . T	1SG19EE404		
51	MUJAHID HUSAIN	1SG19EE409		
52	MARUTESH KUMAR T. M	1SG19EE407	VOICE AND EYE BASED DIRECTION OF SPEED CONTROL OF WHEEL CHAIR	Mr Bharath B N
53	CHETHAN B	1SG18EE023		
54	CHANDAN K S	1SG18EE019		
55	CHIRAG K S	1SG18EE026		
56	POOJA NAGESH	1SG19EE411		

Co-ordinator

HOD,EEE

HOD

Dept. of Electrical and Electronics Engineering
Sapthagiri College of Engineering
14/5, Hesaraghatta Main Road,
Chikkasandra, Bangalore - 560 057.

Principal
Sapthagiri College of Engineering
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Bengaluru - 560 057



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Department of Electrical and Electronics Engineering

PROJECT BATCH LIST 2021-22

SECTION:B

YEAR:IV

Sl.No	Name of the Students	USN	Title of the project	Name of the Guide
1	MITHUN KUMAR AC	1SG18EE048	CONTROL AND SAFETY UNIT OF BLDC MOTOR FOR ELECTRICAL VEHICLES	Mrs Sumangala S J
2	PRAJWAL R	1SG18EE056		
3	RAKESH N	1SG18EE063		
4	SATISH N B	1SG18EE074		
5	SAMYAMA.S	1SG18EE070	A SMART SOLAR PV MONITORING SYSTEM USING IOT	Mr Akshay Kumar D
6	SPOORTHIN	1SG18EE081		
7	SUSHMITHA.	1SG18EE088		
8	VEENA.S	1SG18EE091		
9	SRUJANA V HUGAR	1SG18EE084	SMART MOVABLE ROAD DIVIDER	Mr Rukmangada R
10	RAJATH	1SG18EE062		
11	SINDHU N	1SG18EE077		
12	SNEHA V	1SG18EE078		
13	SRIDHAR B	1SG18EE082	INSPECTION OF FAULT IN LIVE WIRE USING QUADCOPTER AND THERMAL SENSOR	Mr Yousuf Madar
14	SRINIVAS BHAT	1SG18EE083		
15	SUDHAN SUHAS	1SG18EE085		
16	YASHWANTH R	1SG18EE093		
17	SINCHANA.R	1SG18EE076	READER FOR BLINDS USING RASBERRY PI	Dr Raghavendra G
18	RAKSHITHA.T.K	1SG19EE414		
19	SHEETHAL.S	1SG19EE418		
20	SHREE LAKSHMI.K	1SG19EE419		
21	NARAYAN VASIST	1SG18EE051	SELF DRIVEN CAR	Mr Dhamodaran A
22	NAVEEN KUMAR C V	1SG18EE052		
23	NEHA G PRASHANTH	1SG18EE053		
24	PRIYANKA R	1SG18EE058		
25	UJWAL P G	1SG18EE089	IOT BASED HOME SECURITY AND AUTOMATION USING MACHINE LEARNING	Mrs Rekha S N
26	PAIKSHIT K	1SG18EE055		
27	SANDEEP K	1SG18EE071		
28	VISHWANATHREDDY	1SG18EE092		
29	POSHAK M	1SG19EE412	A REAL TIME EYE BLINK RECOGNITION SYSTEM TO ASSIST PARALYZED PEOPLE	Mrs Ashwini C
30	SHANKAR V	1SG19EE416		
31	SRINIVAS T	1SG19EE421		
32	THEJESH M B	1SG19EE422		
33	RAKSHA MOHAN	1SG18EE064	DESIGNING AND SIMULATION OF PV CELL CHARACTERISATION UNDER VARYING TEMPERATURE	Mr. Nagaraja B S
34	SAHANA NL	1SG18EE069		
35	ROOPASHREE S	1SG18EE065		
36	NISARGA.P	1SG18EE054		
37	S.SAHANA	1SG18EE067	CROP PROTECTION AGAINST RAIN FALL WITH AUTOMATED AGRICULTURE	Mrs. Ramya M
38	SOWMYA.L	1SG18EE080		
39	UMADEVI.M	1SG18EE090		
40	NANDEESH G	1SG18EE050		
41	MOHITH GOWDA	1SG18EE066	EMPOWERED, SMART AND SECURED VEHICLE SYSTEM	Mr Bharath B N
42	RAGHAVENDRA K S	1SG18EE060		
43	RAHUL C	1SG18EE061		
44	NAHUSHA K N	1SG18EE049		
45	PURUSHOTHAM E	1SG18EE059	SMART VOTING SYSTEM	Mrs Preetha N D


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Department of Electrical and Electronics Engineering

PROJECT BATCH LIST 2021-22

SECTION:B

YEAR:IV

Sl.No	Name of the Students	USN	Title of the project	Name of the Guide
46	SUMANTH S	1SG18EE086	SMART VOTING SYSTEM	Mrs. Ramya M
47	SUMANTH J	1SG18EE087		
48	SHANKARA H N	1SG19EE415	ELECTRIC VEHICLE CHARGING	Mrs Swetha G
49	SHUSHANTH O	1SG19EE420	SYSTEM USING PSO	
50	SHARANKUMAR S	1SG19EE417		
51	SATHISH D G	1SG18EE073	SOURCE CHARACTERISTICS OF	Mrs. Ramya M
52	YOGANARASIMHA D L	1SG18EE094	HVDC SET WITH FEEDBACK	
53	RAKESH M H	1SG19EE413		
54	SAHANA H UCHIL	1SG18EE068	POWER FACTOR CORRECTION	Mr Shivaraj A
55	SHARATH Y V	1SG18EE075	USING SEPIC DC-DC	
56	SNEHA PR	1SG18EE079	CONVERTER INDUSTRIAL	
57	VISHAL VINAYAK KADAM	1SG19EE423	MOTOR DRIVES	

Co-ordinator

HOD,EEE

HOD

Dept. of Electrical and Electronics Engineering
Sapthagiri College of Engineering
14/5, Hesaraghatta Main Road,
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Accredited by NAAC with "A" GRADE & NBA

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

Certified that the project work phase II (18EEP805) entitled "INTEGRATION OF RENEWABLE ENERGY RESOURCES" is carried out by AKSHAY DEVADATT N. C (1SG18EE003), AMOGH G. KULKARNI (1SG18EE004), JAYAVARDHAN J. JOGOTTU (1SG18EE041) and LOHITH T. K (1SG18EE044), bonafide students of Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in the Department of Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the Report deposited in the departmental library.

The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Sign of the Internal Guide

Mr. Nagaraja B. S

Assistant Professor

Signature of the HOD

Dr. Narayanappa

Professor & H.O.D

Signature of the Principal

Dr. H. Ramakrishna

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesarghatta Road,
Bangalore-560 057

EXAMINERS

1. Murali Krishna.k

2. Dr. Narayanappa

SIGN WITH DATE

28/7/22

28/7/22

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road
Bangalore - 560 057

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560 057.

2021-2022

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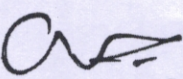
DEPARTMENT OF ELECTRICAL AND ELECTRONICS

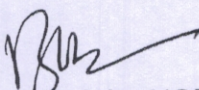
ENGINEERING

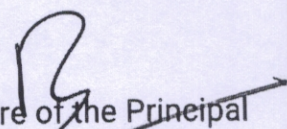
CERTIFICATE

Certified that the project work entitled "IOT BASED POWER MONITORING AND POWER THEFT DETECTING SYSTEM" carried out by Ms. CHANDANA VASANTH (1SG18EE020), Ms. DIVYA N R (1SG18EE031), Ms. GANAVI N H (1SG18EE032), Ms. CHANDANA D R (1SG19EE401), bonafide student of Sapthagiri College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide
Dr. G RAGHAVENDRA
Associate Professor


Signature of the HOD
Dr. NARAYANAPPA
Head of the Department


Signature of the Principal
Dr. H. Ramakrishna
Principal, SCE
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

External Viva

Name of the Examiners

1. Muralikrishna
2. Dr. Narayanappa

Signature with date

Huel 28/7/22

Dr. H. Ramakrishna 28/7/22



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Accredited by NBA

CERTIFICATE

Certified that the Project work (18EEP83) entitled "ELECTRIC BICYCLE" is carried out by **CHETHANKUMAR M M (1SG19EE402)**, **CHIRAG B V (1SG19EE403)**, **ESHWAR KAMBAR (1SG19EE405)** and **NISHANK V (1SG19EE410)**, bonafide students of Sapthagiri College of Engineering in partial fulfillment for the award of **Bachelor of Engineering** in department of **Electrical and Electronics Engineering** of Visvesvaraya Technological University, Belagavi during the academic year **2021-2022**. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report and this report has been approved as it satisfies the academic requirement in respect of "Project Work (18EEP83)" prescribed for the degree.

Signature of the Guide

Mr. A Dhamodaran

Asst. Professor

Signature of the HOD

Dr. Narayanappa

Professor & H.O.D

Signature of the Principal

Dr. H. Ramakrishna

Principal
Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

EXTERNAL VIVA-VOCE EXAMINATION:

Name of the Examiner

Signature of Examiner with date

1. Muralikrishna K

Murali 28/7/22

2. Dr. Narayanappa

Dr. Narayanappa 28/7/22

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
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2021-2022

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
DEPARTMENT OF ELECTRICAL AND ELECTRONICS

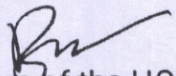
ENGINEERING

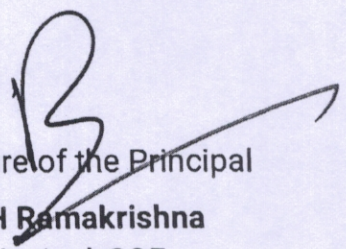
CERTIFICATE

Certified that the project work entitled "**SMART WAGON**" carried out by **ANIRUDH B K (1SG18EE006)**, **ANSHU (1SG18EE007)**, **BHARATH J (1SG18EE016)** and **GURUKIRAN V (1SG18EE033)**, a bonafide student of **Sapthagiri College of Engineering, Bengaluru** in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide
Mrs. SUMANGALA S J
Associate Professor


Signature of the HOD
Dr. NARAYANAPPA
Head of the Department


Signature of the Principal
Dr. H Ramakrishna
Principal, SCE


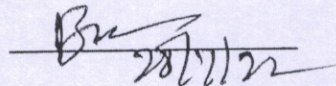
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057


External Viva

Name of the Examiners

1. Murali Krishna K
2. Dr. Narayanappa

Signature with date


28/11/22

28/11/22


Principal
Sapthagiri College of Engineering
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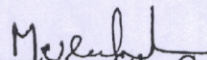
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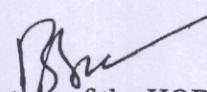
CERTIFICATE

Certified that the project work entitled "Child Rescue System from Open Borewells" carried out by Ms. Chaitra N, USN 1SG18EE018, Ms. Harshitha A B, USN 1SG18EE036, Ms. J S Haritha, USN 1SG18EE040, Ms. Mahalakshmi B R USN 1SG18EE046, a bonafide student of Sapthagiri College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

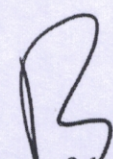
The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Mr. Murali Krishna Kandari
Assistant Professor


Signature of the HOD

Dr. NARAYANAPPA
Head of the Department


Signature of the Principal

Dr. H Ramakrishna
Principal, SCE
Principal

Sapthagiri College of Engineering
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External Viva

Name of the Examiners


1. Murali Krishna. K

2. Dr. Narayanappa

Signature with date

H. R. 28/7/22

B. 28/7/22


Principal
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Sri Srinivasa Educational & Charitable Trust
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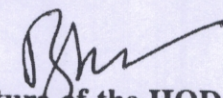
Accredited By NBA




CERTIFICATE

Certified that the Project work entitled "SIGN LANGUAGE TO TEXT CONVERSION" is carried out by ANUPRIYA S (1SG18EE008), ANUSHA.H (1SG18EE009), BHUMIKA S KUMAR (1SG18EE017) and HARSHITHA V (1SG18EE037), bonafide students of Sapthagiri College of Engineering in partial fulfilment for the award of Bachelor of Engineering in department of Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the report deposited. The Project report has been approved as it satisfies the academic requirements in respect of project work (18EEP83) prescribed for the Bachelor of Engineering Degree.


 Signature of the Guide
 Mrs. REKHA S N
 Asso. Professor

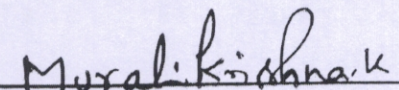

 Signature of the HOD
 Dr. Narayanappa
 Professor & H.O.D


 Signature of the Principal
 Dr. H. Ramakrishna
 Principal
 Sapthagiri College of Engineering
 Chikkasandra, Hesaraghatta Road,
 Bangalore-560 057

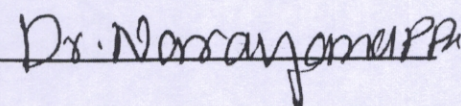
EXTERNAL VIVA-VOCE EXAMINATION

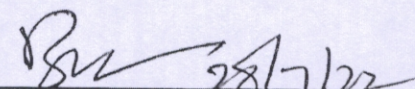
Name of Examiner


Signature with date

1. 

 28/7/22

2. 

 28/7/22


 Principal
 Sapthagiri College of Engineering
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

Certified that the project work phase II (18EEP85) entitled "**COST EFFECTIVE SMART VENTILATOR SYSTEM**" is carried out by **BALAJI A (1SG18EE014)**, **BHARATH B R (1SG18EE015)**, **CHARAN O (1SG18EE021)** and **KIRAN S (1SG18EE042)**, bonafide students of **Sapthagiri College of Engineering** in partial fulfilment for the award of **Bachelor of Engineering** in department of **Electrical and Electronics Engineering** of **Visvesvaraya Technological University, Belagavi** during the academic year **2021-2022**. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the Report deposited in the departmental library.

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Signature of the Guide

Dr. Rekha S N

Associate Professor

Signature of the HOD

Dr. Narayanappa

Professor & H.O.D

Signature of the Principal

Dr. H. Ramakrishna

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

External Viva

Name of the examiners

1. Muralikrishna K
2. Dr. Narayanappa

Signature with date

Muralikrishna K 28/7/22
Dr. Narayanappa 28/7/22

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

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Accredited by NAAC with 'A'
grade Accredited by NBA

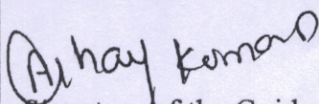
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

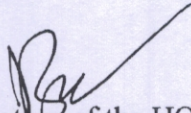
CERTIFICATE

Certified that the project work entitled "IOT based buck-boost converter using pv for residential application" carried out by **Ms.Kruthika H M (1SG18EE043)**, **Ms.Madhurima Acharya (1SG18EE045)**, **Ms.Meghana M R (1SG19EE408)**, **Ms.Kalpana P (1SG19EE406)**, a bonafide student of **Sapthagiri College of Engineering, Bengaluru** in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

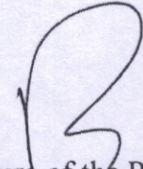
The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Mr. Akshay Kumar D
Assistant Professor


Signature of the HOD

Dr. Narayanappa
Head of the Department


Signature of the Principal

Dr. H Ramakrishna
Principal, SCE

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bengaluru - 560 057
Signature with date

External Viva


Name of the Examiners

1. Murali Krishna

2. Dr. Narayanappa

28/7/22

28/7/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

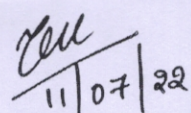
Accredited by NAAC with "A" GRADE

Accredited by NBA

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

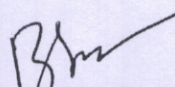
CERTIFICATE

Certified that the Project work (18EEP83) entitled "FAULT ANALYSIS OF INDUCTION MOTOR USING MACHINE LEARNING" is carried out **ABHIJEET PRASAD (1SG18EE001), ASHUTHOSH SINGH (1SG18EE011), BALASURYA S(1SG18EE013), HARSHITH M S (1SG18EE035)**, bonafide students of Sapthagiri College of Engineering in partial fulfilment for the award of **Bachelor of Engineering** in department of **Electrical and Electronics Engineering** of Visvesvaraya Technological University, Belagavi during the academic year **2021-2022**. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report and this report has been approved as it satisfies the academic requirement in respect of "Project Work(18EEP83)" prescribed for the degree.


11/07/22
Sign. of the Internal Guide

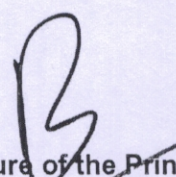
Mr. Yousuf Madar R

Asst. Professor


Signature of the HOD

Dr. Narayanappa

Professor & H.O.D


Signature of the Principal

Dr. H. Ramakrishna

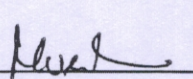
Principal

EXTERNAL VIVA-VOCE EXAMINATION:

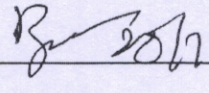
NAME OF THE EXAMINER

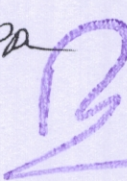
SIGNATURE WITH DATE

1. Muralikrishna.K

 28/7/22

2. Dr. Narayanappa

 28/7/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

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Accredited by NBA

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

Certified that the project work entitled "**AGROSMART**" carried out by **Ms. DEEPIKA N**, USN 1SG17EE021, **Ms. AKSHATHA G**, USN 1SG18EE002, **Ms. DEVARINTI KEERTHI**, USN 1SG18EE029, **Ms. HARSHITHA V**, USN 1SG18EE038, a bonafide student of **Sapthagiri College of Engineering, Bengaluru** in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Mrs. SWETHA G

Assistant Professor

Signature of the HOD

Dr. NARAYANAPPA

Head of the Department

Signature of the Principal

Dr. H Ramakrishna

Principal, SCE
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

External Viva

Name of the Examiners

1. Dr. Rekha S.N

2. Mrs. Ranya M

Signature with date

Dr. 21/2/22

Ranya 22/2/22

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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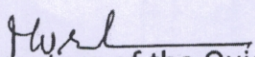
DEPARTMENT OF ELECTRICAL AND ELECTRONICS

ENGINEERING

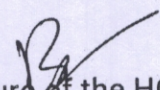
CERTIFICATE

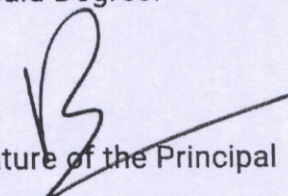
Certified that the project work entitled "**E-Health Acquisition Transmission and Monitoring System**" carried out by **Amrutha R, USN (1SG18EE005), D Manoj Kumar, USN (1SG18EE027), Dharmaraj H T, USN (1SG18EE030), Harsha M, USN(1SG18EE034)**, a bonafide student of **Sapthagiri College of Engineering, Bengaluru** in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Mr. Murali Krishna K
Assistant Professor


Signature of the HOD
Dr. NARAYANAPPA
Head of the Department


Signature of the Principal
Dr. H Ramakrishna
Principal, SCE
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

External Viva

Name of the Examiners

1. Dr. Rekha S.N

2. Mrs. RAMYA.M



Signature with date

28/7/22

Ramyam/7/22

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Sri Srinivasa Educational & Charitable Trust

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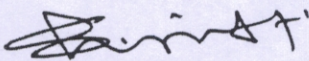
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

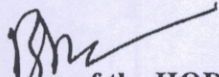
Accredited By NBA




CERTIFICATE

Certified that the Project work entitled "LI-FI BASED TEXT COMMUNICATION BETWEEN TWO VEHICLES" is carried out by ARJUN R (1SG18EE010), CHELUVARAMA S (1SG18EE022), CHETHAN GOWDA G T (1SG18EE025) and DARSHAN P (1SG18EE028), bonafide students of Sapthagiri College of Engineering in partial fulfilment for the award of Bachelor of Engineering in department of Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the report deposited. The Project report has been approved as it satisfies the academic requirements in respect of project work (18EEP83) prescribed for the Bachelor of Engineering Degree.


Signature of the Guide
Mr. Shivaraj A
Asst. Professor


Signature of the HOD
Dr. Narayanappa
Professor & H.O.D


Signature of the Principal
Dr. H. Ramakrishna
Principal


EXTERNAL VIVA-VOCE EXAMINATION

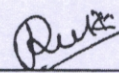
Name of Examiner

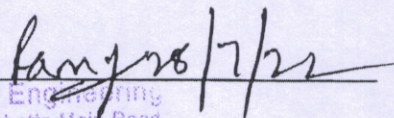
Signature with date

1. Dr. Rekhe S.N

2. Mrs. Ramya M


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

 28/7/22

 28/7/22



SAPTHAGIRI COLLEGE OF ENGINEERING

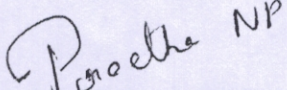
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#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore – 560057.

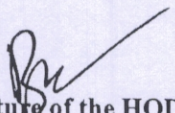
Accredited by NAAC with "A" GRADE & NBA

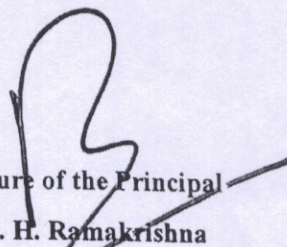
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

Certified that the Project work phase II (18EEP85) entitled "SOLAR BASED ELECTRIC VEHICLE CHARGING" is carried out by **ANKITH SHARMA (1SG19EE400)**, **DHARSHAN .T (1SG19EE404)**, **MARUTHESH KUMAR T.M (1SG19EE407)** and **MUJAHID HUSAIN (1SG19EE409)**, bonafide students of Sapthagiri College of Engineering in partial fulfillment for the award of **Bachelor of Engineering** in department of **Electrical and Electronics Engineering** of Visvesvaraya Technological University, Belagavi during the academic year **2021-2022**. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the report deposited. The Internship report has been approved as it satisfies the academic requirements in respect of Internship work prescribed for the Bachelor of Engineering Degree.


Signature of the Internal Guide
Mrs. Preetha NP
Asst. Professor


Signature of the HOD
Dr. Narayanappa
Professor & H.O.D


Signature of the Principal
Dr. H. Ramakrishna
Principal


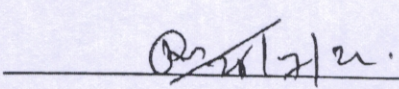
EXTERNAL VIVA-VOCE EXAMINATION

Name of Examiner

Signature with date

1. Dr. Rakhe S-N

2. Mrs. Ramya M



Principal
Sapthagiri College of Engineering
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Bangalore - 560 057



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

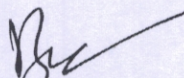
CERTIFICATE

Certified that the Project work (18EEP83) entitled "VOICE AND EYE BASED DIRECTION AND SPEED CONTROL OF WHEELCHAIR" is carried out by CHANDAN K S (1SG18EE019), CHETHAN B (1SG18EE023), CHIRAG K S (1SG18EE026) and POOJA NAGESH (1SG19EE411), bonafide students of Sapthagiri College of Engineering in partial fulfilment for the award of Bachelor of Engineering in department of Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the report deposited. The Project report has been approved as it satisfies the academic requirements in respect of work prescribed for the Bachelor of Engineering Degree.


Sign. of the Internal Guide


Dr. G. RAGHAVENDRA

Associate Professor


Signature of the HOD

Dr. NARAYANAPPA

Professor & H.O.D


Signature of the Principal

Dr. H. Ramakrishna
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

EXTERNAL EXAMINATION

Name of Examiner

1. Dr. R. K. S. N.

2. Mrs. RAMYA M



Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road,
Bangalore - 560 057

Signature with date

28/7/22

28/7/22

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
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

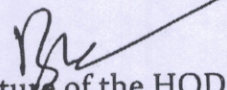
CERTIFICATE

Certified that the project work entitled "CONTROL AND SAFETY UNIT OF BLDC MOTOR FOR ELETRICAL VEHICLE" carried out by Mr. Mithun kumar A C, USN 1SG18EE048, Mr. Prajwal R, USN 1SG18EE056, Mr. Rakesh N , USN 1SG18EE063, Mr. Satish N B, USN 1SG18EE074, a bonafide student of Sapthagiri College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

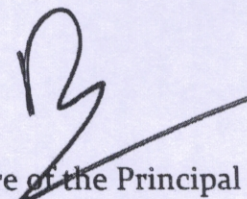
The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Dr. Sumangala S J
Associate Professor


Signature of the HOD

Dr. NARAYANAPPA
Head of the Department


Signature of the Principal

Dr. H Ramakrishna
Principal, SCE
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057


External Viva

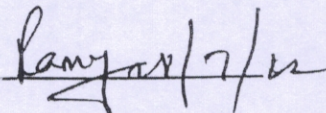
Name of the Examiners


1. Dr. Retha S.N

2. Mrs. Ramya M

Signature with date

 28/7/22.

 28/7/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057



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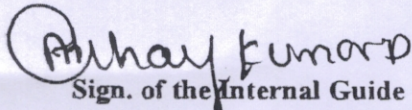
#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore – 560057.

Accredited by NAAC with "A" GRADE & NBA

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING


CERTIFICATE

Certified that the Project work phase II (18EEP85) entitled "A SMART SOLAR PV MONITORING SYSTEM USING IOT" is carried out by **SAMYAMA S (1SG18EE070)**, **SPOORTHY N (1SG18EE081)**, **SUSHMITHA G (1SG18EE088)** and **VEENA S (1SG18EE091)**, bonafide students of Sapthagiri College of Engineering in partial fulfilment for the award of **Bachelor of Engineering** in department of **Electrical and Electronics Engineering** of Visvesvaraya Technological University, Belagavi during the academic year **2021-2022**. It is certified that all corrections/suggestions have been incorporated in the report deposited. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.


Sign. of the Internal Guide

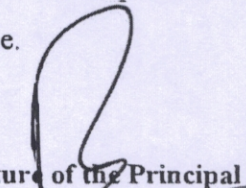
Mr. Akshay Kumar D

Assistant Professor


Signature of the HOD

Dr. Narayanappa

Professor & H.O.D


Signature of the Principal

Dr. H. Ramakrishna

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

External Viva

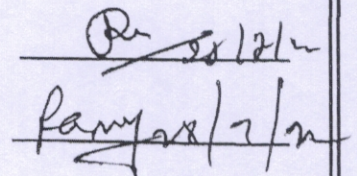
Name of the Examiners

Signature with date

1. Dr. Rekha S.N

2. Mrs. RAMYA.M


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057


Ramya M 22/2/22

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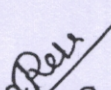
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

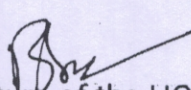
CERTIFICATE

Certified that the project work entitled "**Smart Moveable Road Divider**" carried out by **Mr. Rajath N Gowda** USN 1SG18EE062, **Ms. Sindhu N** USN 1SG18EE077, **Ms. SNEHA V** USN 1SG18EE078, **Ms. SRUJANA V HUGAR** USN 1SG18EE084, a bonafide student of **Sapthagiri College of Engineering, Bengaluru** in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

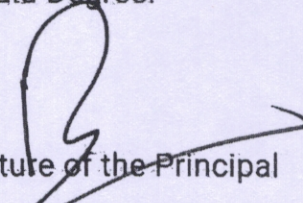
The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Dr. S N REKHA
Associate Professor


Signature of the HOD

Dr. NARAYANAPPA
Head of the Department


Signature of the Principal

Dr. H Ramakrishna
Principal, SCE
Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

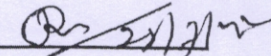
External Viva

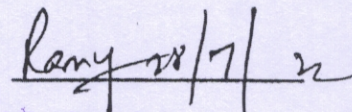
Name of the Examiners


1. Dr. Rekha S.N

2. Mrs. Ramya M

Signature with date


25/7/22


25/7/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057



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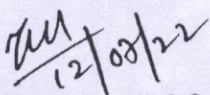
Accredited by NAAC with "A" GRADE

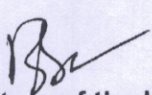
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

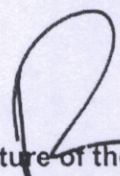
CERTIFICATE

Certified that the Project Work (18EEP83) entitled "INSPECTION OF FAULT IN LIVE WIRE USING QUADCOPTER AND THERMAL SENSOR" carried out by **SRIDHAR B** bearing 1SG18EE082, **SRINIVAS BHAT** bearing 1SG18EE083, **SUDHAN SUHAS** bearing 1SG18EE085, **YASHWANTH R** bearing 1SG18EE093, bonafide student of **Sapthagiri College of Engineering** in partial fulfilment for the award of **Bachelor of Engineering** in department of **Electrical and Electronics Engineering** of Visvesvaraya Technological University, Belagavi during the academic year **2021-2022**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Sign. of the Internal Guide
Mr. YOUSUF MADAR R
Assistant Professor


Signature of the HOD
Dr. NARAYANAPPA
Professor & H.O.D


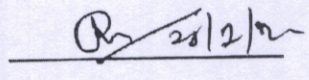

Signature of the Principal
Dr. H RAMAKRISHNA
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

External Viva

Name of the Examiners

1. Dr. Ramesh
2. Mrs. Ramya M

Signature with date



Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

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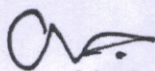
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

Certified that the project work entitled "READER FOR BLIND USING RASPBERRY PI" carried out by Ms SINCHANAR (1SG18EE076), Ms.RAKSHITHA.T.K (1SG19EE414), Ms. SHEETHAL.S (1SG19EE418), Ms.SHREE LAKSHMI.K (1SG19EE419) a bonafide student of Sapthagiri College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

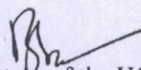
The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.



Signature of the Guide

Dr. G RAGHAVENDRA

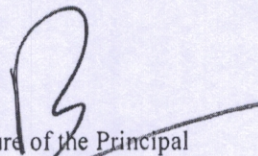
Associate Professor



Signature of the HOD

Dr. NARAYANAPPA

Head of the Department



Signature of the Principal

Dr. H Ramakrishna

Principal, SCE

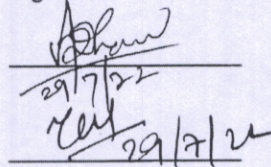
External Viva

Name of the Examiners

1. A. Dharmodharan

2. Yousuf Madarr.R

Signature with date



29/7/22



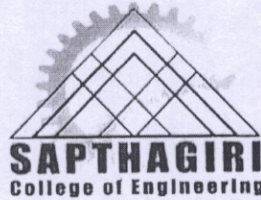
Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to VTU, Belagavi and Recognized by AICTE, New Delhi)
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#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore – 560057.

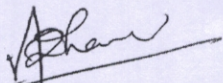
Accredited by NAAC with "A" GRADE

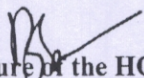



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING (ACCREDITED BY NBA)

CERTIFICATE

Certified that the project work entitled "SELF DRIVEN CAR" is carried out by NARAYAN VASIST N R (1SG18EE051), NAVEEN KUMAR C V (1SG18EE052), NEHA G PRASHANTH (1SG18EE053) and PRIYANKA R (1SG18EE058), bonafide students of Sapthagiri College of Engineering in partial fulfilment for the award of Bachelor of Engineering in department of Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the report deposited. This project report has been approved as it satisfies the academic requirements in respect of project work phase-2 prescribed for the Bachelor of Engineering Degree.


Signature of the Guide
Mr. A. DHAMODARAN
Assistant Professor


Signature of the HOD
Dr. Narayanappa
Professor & HOD

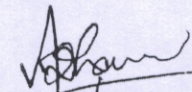
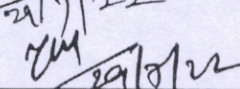

Signature of the Principal
Dr. H. Ramakrishna
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

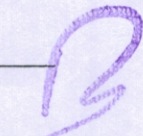
EXTERNAL VIVA-VOCE EXAMINATION:

Name of the Examiner

1. A. Dhamodaran
2. Yaseef Madaar R

Signature with date


21/7/22

21/7/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

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Accredited by NBA

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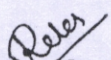
DEPARTMENT OF ELECTRICAL AND ELECTRONICS

ENGINEERING

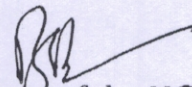
CERTIFICATE

Certified that the project work entitled "A REAL TIME EYE BLINK RECOGNITION SYSTEM TO ASSIST PARALYZED PEOPLE " carried out by Mr. POSHAK M, USN 1SG19EE412, Mr. SHANKAR V, USN 1SG19EE416, Mr. SRINIVAS T , USN 1SG19EE421, Mr. TEJESH M B, USN 1SG19EE422, a bonafide student of Sapthagiri College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

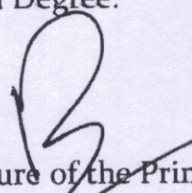
The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Dr. S N REKHA
Associate Professor


Signature of the HOD

Dr. NARAYANAPPA
Head of the Department


Signature of the Principal

Dr. H Ramakrishna
Principal, SCE

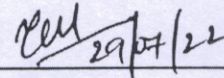
External Viva

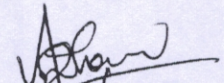
Name of the Examiners


1. YOUSUF MADAR R

2. A. Dharmodaran

Signature with date


29/07/22


29/7/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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Accredited by NBA

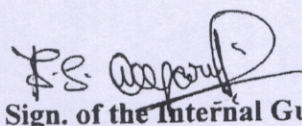
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

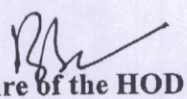
Certified that the Project work phase II (18EEP83) entitled "DESIGNING AND SIMULATION OF PV CELL CHARACTERIZATION UNDER VARYING TEMPERATURE AND IRRADIANCE" is carried out by Raksha Mohan (1SG18EE064), Sahana N L (1SG18EE069), and Roopashree.S S (1SG18EE065), bonafide students of Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in department of Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the report deposited.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Sign. of the Internal Guide


Mr. Nagaraja B. S.

Asst. Professor


Signature of the HOD

Dr. Narayanappa

Professor & H.O.D


Signature of the Principal

Dr. H. Ramakrishna

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

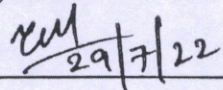
External Viva

Name of the Examiners

1. Yousuf Mader-R

2. A. Dhamodasan

Signature with date


29/7/22



Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
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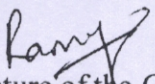
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

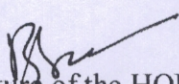
CERTIFICATE

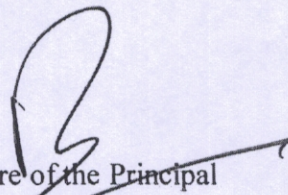
Certified that the project work entitled "CROP PROTECTION AGAINST HEAVY RAINFALL WITH AUTOMATED AGRICULTURE" carried out by Ms. NISARGA P, (1SG18EE054), Ms. S SAHANA, (1SG18EE067), Ms. SOWMYA L, (1SG18EE080), Ms. UMADEVI M (1SG18EE090), a bonafide student of Sapthagiri College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

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Signature of the Guide

Mrs. RAMYA M
Assistant Professor


Signature of the HOD
Dr. NARAYANAPPA
Head of the Department

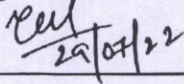

Signature of the Principal
Dr. H. Ramakrishna
Principal, SCE Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

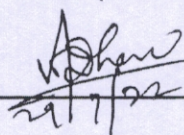
External Viva

Name of the Examiners

1. Yousuf Mader.R
2. A. Dhanodasan

Signature with date


29/07/22


29/7/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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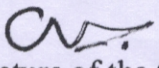
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

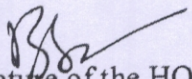
CERTIFICATE

Certified that the project work entitled "SMART AND SECURED VEHICLE SYSTEM" carried out by Mr. NANDEESH G, USN 1SG18EE050, Mr. RAGHAVENDRA K S, USN 1SG18EE060, Mr. RAHUL C, USN 1SG18EE061, Mr. S G MOHITH GOWDA, USN 1SG18EE066, a bonafide student of Sapthagiri College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

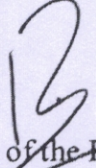
The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Dr. RAGHAVENDRA G
Assoc. Prof.


Signature of the HOD

Dr. NARAYANAPPA
Head of the Department


Signature of the Principal

Dr. H Ramakrishna
Principal, SCE
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bengaluru - 560 057
Signature with date

External Viva

Name of the Examiners

1. A. Dhamodaran

2. YOUSUF MADAR R



Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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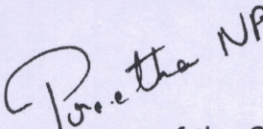
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

Certified that the project work entitled "**Smart Voting System**" carried out by **Mr. NAHUSHA K N**, USN 1SG18EE049, **Mr. PURUSHOTHAM E**, USN 1SG18EE059, **Mr. SUMANTH S**, USN 1SG18EE086, **Mr. SUMANTH J**, USN 1SG18EE087, a bonafide student of **Sapthagiri College of Engineering, Bengaluru** in partial fulfilment for the award of Bachelor of Engineering in the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

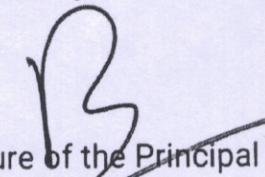
The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Signature of the Guide

Mrs. PREETHA N P
Assistant Professor


Signature of the HOD

Dr. NARAYANAPPA
Head of the Department


Signature of the Principal

Dr. H Ramakrishna
Principal, SCE
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057


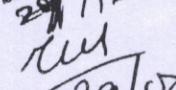
External Viva


Name of the Examiners

1. A. Dhamodaran

2. YOUSUF MADARIL

Signature with date


29/7/22

29/08/22


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

SAPTHAGIRI COLLEGE OF ENGINEERING

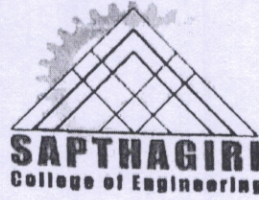
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Accredited by NAAC with 'A' grade

NBA accredited

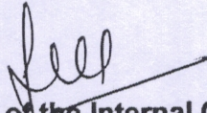
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057.



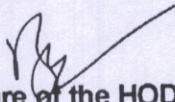
Department of Electrical and Electronics Engineering

CERTIFICATE

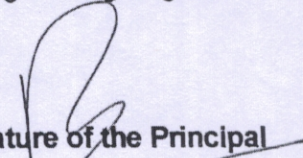
Certified that the Project work phase II (18EEP83) entitled "**ELECTRIC VEHICLE CHARGING STATION USING PARTICLE SWARM OPTIMIZATION**" is carried out by SHANKARA HN (1SG19EE415), SHUSHANTH O (1SG19EE420), bonafide students of Sapthagiri College of Engineering in partial fulfilment for the award of Bachelor of Engineering in department of Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the report deposited. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.


Sign. of the Internal Guide

Mrs. SWETHA G
Professor, Dept of EEE


Signature of the HOD

Dr. NARAYANAPPA
Professor & H.O.D, EE


Signature of the Principal

Dr. H. Ramakrishna Asst.
Principal, SCE
Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore-560 057

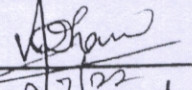
External VIVA:

Name of the examiners

- 1) A. Thammacharan
- 2) YOUSUF MADARIL


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Signatur with date:


29/7/22
29/08/22

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Accredited by NBA

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

Certified that the Project work (18EEP83) entitled "STUDY ON SOURCE CHARACTERISTICS ON HVDC SOURCE SET FOR POLLUTION TEST" is carried out by **Sathish D G (1SG18EE073)**, **Yoganarasimha D L (1SG18EE094)**, **RAKESH M H (1SG19EE413)** and **Sharan Kumar S (1SG19EE417)** bonafide students of **Sapthagiri College of Engineering** in partial fulfilment for the award of **Bachelor of Engineering** in department of **Electrical and Electronics Engineering** of Visvesvaraya Technological University, Belagavi during the academic year **2021-2022**. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the report deposited. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Sign. of the Internal Guide

Mrs. Ramya M

Asst. Professor

Sign. of the HOD

Dr. Narayanappa

Professor & H.O.D

Sign. of the Principal

Dr. H. Ramakrishna
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

External Viva

Name of the Examiners

1. Dr. Rakesh M H

2. Dr. Narayanappa

Signature with date

Dr. Rakesh M H 29/7/22

Dr. Narayanappa 29/7/22

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

Sri Srinivasa Educational & Charitable Trust
**SAPTHAGIRI COLLEGE OF
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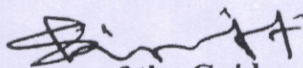
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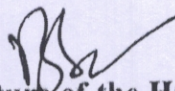
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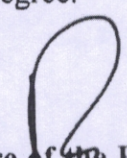


CERTIFICATE

Certified that the Project work entitled "POWER FACTOR CORRECTION USING BRIDGELESS SEPIC CONVERTER FOR BLDC MOTOR" is carried out by SAHANA H. UCHIL (1SG18EE068), SHARATH Y. V. (1SG18EE075), SNEHA P. R. (1SG18EE079) and VISHAL V. KADAM (1SG19EE423), Bonafide Students of Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in department of Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated in the Internal Assessment have been incorporated in the report deposited. The Project report has been approved as it satisfies the academic requirements in respect of Project Work (18EEP83) prescribed for the Bachelor of Engineering Degree.


Signature of the Guide
Mr. Shivaraj A
Asst. Professor


Signature of the HOD
Dr. Narayanappa
Professor & H.O.D


Signature of the Principal
Dr. H. Ramakrishna
Principal

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EXTERNAL EXAMINATION

Name of Examiner

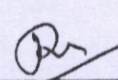
Signature with date

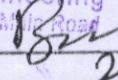
1. Dr. Rekha S.V

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 28/7/22

 29/7/22