Dr. Ambedkar Institute of Technology

Department of Electrical and Electronics Engineering

The NAAC documents enclosed are verified and approved.

5/11/22

HOD

Dept of EEE

Department of Electrical and Electronics Engg.
Dr. Ambedkar Institute of Technology
Bengaluru-560056

Dr. Ambedkar institute of Technology, Bengaluru

Department of Electrical and Electronics Engineering

2018 Batch, Academic year 2021-2022

VIII SEMMAJOR PROJECT DETAILS

Sl.No.	USN	Name of the student	Internal Guide	Title of the Project
1	1DA18EE021	Mareppa	Dr. S Vasudevamurthy	Studies on liquid dielectric coolants
2	1DA18EE042	Santhosh K N		
3	1DA18EE044	Santhosh Kumar M S		
4	1DA18EE052	Sudhanshu G		
5	1DA18EE019	MANJUNATH N	T B Dayananda	Microcontroller based electrical vehicle DC motor monitoring system and automatically shut down in fault.
6	1DA18EE053	THARUN M T		
7	1DA18EE055	VEERABHADRASWAMY R		
8	1DA18EE059	YASHWANTHKUMAR V M		
9	1DA19EE404	NISARGA R	Dr. Eranna	Simulation and experimental validation of lightning impulse voltage distribution of different front and tail time in a model transformer winding.
10	1DA19EE405	NIVEDITHA H S		
11	1DA19EE407	RAMYA B N		
12	1DA19EE408	SHUBHASHREE M B		

13	1DA18EE002	Ajith M R	HariniVaikund	SUPERVISORY CONTROLLER WITH DC FAST CHARGING ARCHITECTURE FOR ELECTRIC VEHICLE USING MICROGRID
14	1DA18EE005	AnjumZunaira		
15	1DA18EE034	RajakumarKalashetti		
16	1DA18EE051	StanzinDisket		
17	1DA18EE032	PRITHVI C S	Dr. H V Govindaraju	Design and fabrication of three phase inverter
18	1DA18EE038	SAGAR P V		
19	1DA18EE049	SIDRAMESHA RAMESHA GUGGARI		
20	1DA19EE401	H S SUMANTH		
21	1DA18EE012	GAGAN M R	Nalini S	GSM based SCADA Implementation using Microcontroller for Home Application
22	1DA18EE016	LOKANATH D		
23	1DA18EE036	RANJITHA S		
24	1DA18EE045	SHAILAJA H C		
25	1DA18EE004	AkruthiYadav C S	Deepti S Shastrimath	Smart Underground Wireless Cable Fault Detection and Monitoring System
26	1DA18EE013	Gagana B R		
27	1DA18EE027	Padmashree R		
28	1DA18EE054	VaishnaviRavale B M		

29	1DA18EE001	Ajaykumar K H	Dr. ArpithaRaju B	ELECTRONIC VOTING MACHINE USING RFID AND FINGERPRINT
30	1DA18EE003	Akash R B		
31	1DA18EE010	Dhanunjay J T		
32	1DA19EE402	Koushik S		
33	1DA18EE023	Meghana	T R Lokesh	Power Management of a Hybrid vehicle equipped with Battery and supercapacitor
34	1DA18EE028	Prabhu A M		
35	1DA18EE037	SachinPawar		
36	1DA18EE050	Srujana K V		
37	1DA18EE014	Karuna Prasad S	Dr G.V Jayaramaiah	Simulation of PV system with battery connected to grid using Matlab Simulink
38	1DA18EE022	Megha B.S		
39	1DA18EE046	Shiva Stuthi L		
40	1DA18EE015	Koushal Kishore N R	Rajesh L V	Micro-Grid Monitoring and Control Strategy for Renewable Energy Sources Using IoT
41	1DA18EE031	Praveen Kumar K L		
42	1DA18EE033	Purushotham N P		
43	1DA18EE035	Ramanjaneya G		

44	1DA18EE011	Dhanush C P	Mukundaswamy M S	Design and Implementation of vertical axis wind turbine.
45	1DA18EE020	Manoj Kumar N		
46	1DA18EE025	Narayan E D		
47	1DA18EE026	Nethravathi B S		
48	1DA18EE040	Saichitra GB	Pankaja H G	Solar Based Electric Vehicle charger
49	1DA18EE047	Shreya D B		
50	1DA18EE048	Shruthi		
51	1DA19EE406	Rakesh R		
52	1DA18EE006	Bhagyashree	Pankaja H G	PV based Shunt active harmonic filter for Improvement of power quality.
53	1DA18EE008	Bhuvana S		
54	1DA18EE017	Madhushree C U		
55	1DA18EE060	Suhas S R		
56	1DA18EE041	SAIRAJ YV	Dr SHANKARALINGAPPA C B	WIRELESS ELECTRICAL VEHICLE CHARGING SYSTEM
57	1DA18EE043	SANTHOSH KS		
58	1DA18EE056	VEERESH		
59	1DA18EE057	VINAYAKA S SHASTRI		

60	1DA19EE400	DARSHAN H	L V Rajesh	Speed control of doubly fed induction motor using fuzzy logic control
61	1DA18EE007	BHARATH GOWDA C		
62	1DA19EE403	NARASIMHA MURTHY B S		
63	1DA19EE409	SIDRAMAPPA S KITTUR		
64	1DA16EE030	NISHCHAY.M	NALINI S	MICROCONTROLLER BASED WIND TURBINE MONITORING SYSTEM USING IOT
65	1DA16EE035	PUNITH KUMAR T		

HOD
Department of Electrical and Electronics Engg.
Dr. Ambedkar Institute of Technology
Bengaluru-560056

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institute Affiliated to VTU, Belagavi, Accredited by NAAC, UGC with 'A' Grade)

Near Jnana Bharathi Campus, Bengaluru -560056

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the report titled "Studies on liquid dielectric coolants" is carried out by Mareppa (1DA18EE021), Santhosh K N (1DA18EE042), Santhosh Kumar M S (1DA18EE044) and Sudhanshu G (1DA18EE052) are bonafide students of Dr. Ambedkar Institute of Technology Bengaluru-560056, in partial fulfillment of the award of degree- Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree.

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	Signature of the HOD	Signature of the Principal
Dr. S Vasudevamurthy	Dr. G V Jayaramaiah	Dr. M MEENAKSHI

EXTERNAL VIVA

Name of the Examiners	Signature of the Examiners
1. Dr. Eranna	18/7/2022
2. Dr. SANDEEP. S N	18/7/22

DR AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous institute Affiliated to Visvesvaraya Technological University, Belagavi, Accredited by NAAC with 'A' Grade, UGC) Near Jnana Bharathi Campus, Bengaluru-560056

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Aided By Govt. of Karnataka

CERTIFICATE

This is to certify that the project report titled **" IoT Based Electrical Motor Control and Monitoring"** is carried out by **MANJUNATH N (1DA18EE019), THARUN M T (1DA18EE053), VEERABHADRASWAMY R (1DA18EE055), YASHWANTH KUMAR V M (1DA18EE059)** bonafide students of Dr. Ambedkar Institute of Technology, Bengaluru-56, in partial fulfilment of the award of degree – Bachelor of Engineering in 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. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree.

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	Signature of the HOD	Signature of the Principal
Mr. T B DAYANANDA	**Dr. G V JAYARAMAIAH**	**Dr. M MEENAKSHI**
Associate professor	Professor	Professor

EXTERNAL VIVA

	Name of the Examiners	Signature of the Examiners
1.	Dr. Eranna	18/12/2022
2.	Dr. SANDEEP.S.R	18/12/2022

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project report titled **"Simulation and Experimental Validation of Lightning Impulse Voltage (SLI) & Oscillatory Lightning ImpulseVoltage (OLI) Distribution of Different Front and Tail Time in a Transformer Winding Model"** is carried out by Nisarga R (1DA19EE404), Niveditha H S (1DA19EE405), Ramya B N (1DA19EE407), Shubhashree M B (1DA19EE408),are bonafide students of Dr. Ambedkar Institute of Technology Bengaluru-56, in partial fulfilment of the award of degree - Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree.

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	Signature of the HOD	Signature of the Principal
Dr. Eranna	Dr.G.V.Jayaramaiah	Dr. M. Meenakshi

External Viva

Name of the Examiners	Signature of the Examiners
1. Dr. Eranna	18/7/2022
2. Dr. SANDEEP-SE	18/7/2022

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project report titled **"Supervisory controller with DC fast charging architecture for electric vehicle using micro grid"** is carried out by **Ajith M R (1DA18EE002), Anjum Zunaira (1DA18EE005), Rajakumar Kalashetti (1DA18EE034), Stanzin Disket (1DA18EE051)** are bonafide students of Dr. Ambedkar Institute of Technology Bengaluru, in partial fulfilment of the award of degree Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree. 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	Signature of the HOD	Signature of the Principal
Prof. Harini Vaikund	**Dr. G. V. Jayaramaiah**	**Dr. M. Meenakshi**

HOD
Department of Electrical & Electronics Engg.
Dr. Ambedkar Institute of Technology
Bangalore

External Viva

Name of the Examiners	Signature of the Examiners
1. Dr. Eramma	18/7/2022
2. Dr. SANDEEP S N	

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution, Aided by Govt. of Karnataka Affiliated to Visvesvaraya Technological University, Belagavi)
Near Jnana Bharathi Campus, Bengaluru, Karnataka 560056

Aided By Govt. of Karnataka

Certificate

This is to certify that, **Prithvi C S(1DA18EE032), Sagar P V(1DA18EE038), Sidramesha Ramesha Guggari (1DA18EE049), H S Sumanth(1DA19EE401)** bonafide students of Dr. Ambedkar Institute of Technology, successfully completed Major Project titled **"Design and Fabrication of Three Phase Inverter"** in partial fulfilment for the award of **"Bachelor of Engineering in Electrical and Electronics Engineering"** during the 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 Major Project Report has been approved as it satisfies the academic requirements for the said degree.

Signature of the Guide	**Signature of the HOD**	**Signature of the Principal**
Dr. H V Govindaraju	Dr. G V Jayaramaiah	Dr. M Meenakshi
Associate Professor, EEE	Professor, EEE	

External viva

Sl. No.	**Name of the Examiners**	**Signature**
1.	Dr. Eramma	18/2/2022
2.	Dr. SANDEEP S R	18/2/2022

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution Affiliated to VTU, Belagavi, BANGALORE-560056)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE

Certified that the project work titled **"GSM BASED SCADA IMPLEMENTATION USING MICROCONTROLLER FOR HOME APPLICATIONS"** carried out by GAGAN M R (1DA18EE012),LOKANATH D(1DA18EE016),RANJITHA S(1DA18EE036), SHAILAJA H C (1DA18EE045) bonafide students of Dr. AMBEDKAR INSTITURE OF TECHNOLOGY, Bangalore, in partial fulfillment for the award of Degree in BACHELOR OF ENGINEERING in ELECTRICAL & ELECTRONICS ENGINEERING during the year 2021-2022. It is certified that all correction/suggestions indicated during Internal Assessment have been incorporated in the Report deposited in the department. 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	Signature of the HOD	Signature of the Principal
Nalini S	Dr. G.V Jayaramaiah	Dr. M. Meenakshi
Associate Professor, EEE	Department of Electrical and Electronics Engg. Dr. Ambedkar Institute of Technology	

External Viva

Name of the Examiners	Signature with Date
1 Dr. Eranna	18/7/2022
2 Dr. SANDEEP. S-R	18/7/22

Scanned with CamScanner

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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CERTIFICATE

This is to certify that the project report titled **"Smart Underground Cable Fault Detection and Monitoring System"** is carried out by **Akruthi Yadav C S (1DA18EE004), Gagana B R (1DA18EE013), Padmashree R (1DA18EE027), Vaishnavi Ravale B M (1DA18EE054)** are bonafide students of Dr.Ambedkar Institute of Technology Bengaluru, in partial fulfilment of the award of degree Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree. 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	Signature of the HOD	Signature of the Principal
Deepti S Shastrimath	Department of Electrical and Electronics Engg. Dr. Ambedkar Institute of Technology Bengaluru-560056	**Dr. M. Meenakshi**

External Viva

Name of the Examiners	Signature of the Examiners
1. Dr. Eramma	19/07/2022
2. Dr. SANDEEP. S R	

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELCTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project report titled **"Electronic Voting Machine using RFID And Fingerprint"** is carried out by Ajaykumar K H (1DA18EE001), Akash R B(1DA18EE003), Dhanunjay J T(1DA18EE010) and Koushik S(1DA19EE402) are bonafide students of Dr. Ambedkar Institute of Technology Bengaluru-56, in partial fulfillment of the award of degree - Bachelor of Engineering in 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 deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree.

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	Signature of the HOD	Signature of the Principal
Dr. Arpitha Raju B	Dr. G V Jayaramaiah	Dr. M Meenakshi
Assistant Professor	Professor	

External Viva

Name of the Examiners	Signature of Examiners
1. Dr. Eramma	18.07.2022
2. Dr. SANDEEP. S.R	18/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELCTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project report titled **"Power Management of Hybrid Vehicle Equipped with Battery and Supercapacitor"** is carried out by Meghana (1DA18EE023), Prabhu A M(1DA18EE028), Sachin Pawar(1DA18EE037) and Srujana K V(1DA18EE050) are bonafide students of Dr. Ambedkar Institute of Technology Bengaluru-56, in partial fulfilment of the award of degree - Bachelor of Engineering in 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 deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree..

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	Signature of the HOD	Signature of the Principal
Lokesh T R	Dr.G.V.Jayaramaiah	Dr. M Meenakshi

External Viva

Name of the Examiners	Signature of the Examiners
1. Dr. Eramma	18/07/2022
2. Dr. SANDEEP. S. R	18/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project report titled **"Simulation of a PV System with Battery Using MATLAB/SIMULINK"** is carried out by Karuna Prasad S (1DA18EE014), Megha B.S.(1DA18EE022), Shivastuthi L(1DA18EE046) are bonafide students of Dr. Ambedkar Institute of Technology Bengaluru -56, in partial fulfillment of the award of degree - Bachelor of Engineering in Electrical and Electronics Engineering of Visveswaraiah Technological University, Belagavi during the academic year 2021-22. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the Department / Library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree.

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.V.Jayaramaiah
Professor and HOD

Department of Electrical & Electronics Engg.
Dr. Ambedkar Institute of Technology
Bengaluru-560056

Signature of the Principal
Dr.M.Meenakshi
Principal

External Viva

Name of the Examiners	Signature of the Examiners
NALINI.S	18/7/22
Dr. C. Lakshmi	

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Aided By Govt. of Karnataka

CERTIFICATE

This is to certify that the project report titled **"Micro-grid monitoring and control strategy for renewable energy sources using IoT"** is carried out by **Koushal Kishore N R (1DA18EE015), Praveen Kumar K L (1DA18EE031), Purushotham N P (1DA18EE033), Ramanjaneya G(1DA18EE035)** are bonafide students of Dr.Ambedkar Institute of Technology Bengaluru, in partial fulfilment of the award of degree Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree. 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	Signature of the HOD	Signature of the Principal
Prof.Rajesh L V	**Dr. G. V. Jayaramaiah**	**Dr. M. Meenakshi**

HOD
Department of Electrical and Electronics Engg.
Dr. Ambedkar Institute of Technology
Bengaluru-560056

External Viva

Name of the Examiners	Signature of the Examiners
1. NALINI.S	18/7/22
2. Dr. C. Lakshmiraju	18/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institute, Affiliated to VTU, Belagavi, Accredited by NAAC with 'A' Grade, UGC) Near Jnana Bharathi Campus, Bengaluru - 560056)

Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project work titled **"DESIGN AND IMPLEMENTATION OF SAVONIUS TYPE VERTICAL AXIS WIND TURBINE"** is carried out by, DHANUSH C P(1DA18EE011), MANOJ KUMAR N (1DA18EE020), NARAYAN E D (1DA18EE025),NETHRAVATHI B S (1DA18EE026) are bonafide students of Dr. Ambedkar Institute of TechnologyBengaluru-56, under my guidance during the academic year 2021-22 and is impartial fulfillment for theaward of the Degree of Bachelor of Engineering in Electrical and Electronics. Dr. Ambedkar Institute of Technology, Bengaluru-56. It is certified that all the corrections/suggestions indicated for the internalassessment have been incorporated in the report deposited in the department. It is further certified thatthis work has not been submitted to any university or organization for the award of any other degree ordiploma or certificate including a similar degree. The project report has been approved as it satisfied the academic requirements prescribed for the Bachelor of Engineering Degree.

Signature of Guide	Signature of the HOD	Signature of the Principal
Mukundaswamy M S	Dr. G V Jayaramaiah	Dr. M. Meenakshi

Signature of the Coordinator

NALINI. S

External viva

Name of the examiners	Signature with Date
1. NALINI.S	18/2/22
2. Dr. C. Lakshmipa	18/2/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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Near Jnana Bharathi Campus, Bengaluru -560056

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the report titled **"Solar Energy Based Electric Vehicle Charger"** is carried 7out by Saichitra. G B (1DA18EE040), Shreya. D B (1DA18EE047), Shruthi (1DA18EE048) and Rakesh. R (1DA19EE406) are bonafide students of Dr. Ambedkar Institute of Technology Bengaluru-560056, in partial fulfillment of the award of degree- Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree.

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	Signature of the HOD	Signature of the Principal
H G Pankaja	Dr. G V Jayaramaiah	Dr. M Meenakshi

EXTERNAL VIVA

Name of the Examiners

1. NAGINI.S
2. Dr. C. Lakshmana

Signature of the Examiners

18/7/22

18/7/22

DR. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institute Affiliated to VTU, Belagavi, Accredited by NAAC, UGC with 'A' Grade)

Near Jnana Bharathi Campus, Bengaluru -560056

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the report titled "PV based Shunt Active Harmonic filter for Power Quality improvement" is carried out by Bhagyashree(1DA18EE006), Bhuvana S(1DA18EE008), Madhushree C U(1DA18EE017) and Suhas S R(1DA18EE060) are bonafide students of Dr. Ambedkar Institute of Technology Bengaluru-56, in partial fulfillment of the award of degree- Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree.

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	Signature of the HOD	Signature of the Principal
PROF. H G PANKAJA	Dr.G.V.Jayaramaiah	DR. M MEENAKSHI

EXTERNAL VIVA

Name of the Examiners	Signature of the Examiners
1. NALINI S	18/7/22
2. Dr. C. Kamalapur	18/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institute Affiliated to Visvesvaraya Technological University, Belagavi ,Accredited by NAAC, UGC with 'A' Grade)Near Jnana Bharathi Campus, Bengaluru – 560056

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the report titled **"WIRELESS ELECTRICAL VEHICLE CHARGING SYSTEM"** is carried out by Sairaj YV (1DA18EE041), Santhosh KS (1DA18EE043), Veeresh (1DA18EE056), Vinayaka S Shastri (1DA18EE057) are bonafide students of Dr. Ambedkar Institute of Technology Bengaluru-560056, in partial fulfillment of the award of degree- Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree.

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	Signature of the HOD	Signature of the Principal
16/7/22		
Dr. Shankaralingappa C B	**Dr. G V Jayaramaiah**	**Dr. M Meenakshi**
Professor	**Prof. & HOD**	**Principal**
Dept. of E&E	**Dept. of E&E**	**Dr.AIT, Bengaluru**

External Viva

Name of the Examiners	Signature of the Examiners
1. NALIN.S	18/7/22
2. Dr. C. Lakminya	18/7/22

DR. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institute Affiliated to VTU, Belagavi, Accredited by NAAC, UGC with 'A' Grade)

Near Jnana Bharathi Campus, Bengaluru -560056

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the report titled "**Speed Control of Doubly Fed Induction Motor using Fuzzy logic Controller**" is carried out by Bharath Gowda C (1DA18EE007), Narasimhamurthy BS (1DA19EE403) and Sidramappa S kittur (1DA19EE409) are bonafide students of Dr. Ambedkar Institute of Technology Bengaluru-56, in partial fulfillment of the award of degree- Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. It is further certified that this work has not been submitted to any university for the award of any other degree or diploma or certificate including a similar degree.

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	Signature of the HOD	Signature of the Principal
Prof. Rajesh L V	Dr.GVJayaramaiah	Dr.M MEENAKSHI

EXTERNAL VIVA

Name of the Examiners	Signature of the Examiners
1. NAGAN.S	18/7/22
2. Dr. C. Keremiya	18/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institute, Affiliated to VTU, Belagavi)

Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project work titled "**IOT BASED WIND TURBINE MONITORING SYSTEM**" is carried out by, NISHCHAY.M (1DA16EE030), PUNITH KUMAR.T (1DA16EE035), are bonafide students of **Dr. Ambedkar Institute of Technology, Bengaluru-56**, under my guidance during the academic year 2021-22 and is in partial fulfilment for the award of the Degree of Bachelor of Engineering in Electrical and Electronics. Dr. Ambedkar Institute of Technology, Bengaluru-56. It is certified that all the corrections/suggestions indicated for the internal assessment have been incorporated in the report deposited in the department. It is further certified that this work has not been submitted to any university or organization for the award of any other degree or diploma or certificate including a similar degree. The project report has been approved as it satisfied the academic requirements prescribed for the Bachelor of Engineering Degree.

Signature of Guide	Signature of the HOD	Signature of the Principal
Prof. NALINI.S	Dr. G.V. JAYARAMAIAH	Dr. M. Meenakshi

EXTERNAL VIVA

	Name of Examiners	Signature of Examiners
1.	NALINI.S	25/7/22
2.	H C SHARAD DARSHAN	