

Dr. Ambedkar Institute of Technology
Department of Electronics & Telecommunication Engineering

The enclosed documents are verified and approved.

S. S. T.
for HoD H. O. D
Dept. of Electronics & Telecommunication Engg.
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Dr. Ambedkar Institute of Technology
Department of Telecommunication Engineering

8th Semester Project Work Phase –II Review II (18TEP82)
Time-Table –Batch 2018-2022

Batch 1: Room No. C- 413

Date: 06-07-2022



Sl. No.	GP	USN No.	Name	Title of the Project	Guide & Examiner	Time	Sign
1	1	1DA18TE008	CHAYA M.	DESIGN OF AN ARDUINO BASED RADAR SYSTEM	Dr. TS & Dr. VCK	10:00-10:20	
2		1DA19TE405	HARSHITHA S.				
3		1DA19TE407	KEERTHANA				
4		1DA19TE414	VAISHNAVI R.				
5	2	1DA18TE011	GURUMURTHY HEGDE	DISTRIBUTED CACHE UPDATING FOR THE DYNAMIC SOURCE ROUTING PROTOCOL IN WIRELESS COMMUNICATION USING NS-2	UR & Dr. VH	10:25-10:45	
6		1DA18TE028	PRAJWAL				
7		1DA18TE032	RAGHU G.S.				
8		1DA18TE039	SATYANARAYAN S. BHAT				
9	3	1DA18TE001	ABHISHEK S. R.	CONGESTION CONTROL AND COLLISION AVOIDANCE IN VEHICULAR ADHOC NETWORKS	PKB & KN	10:50-11:10	
10		1DA18TE007	BHUVAN KUMAR R.				
11		1DA18TE010	DILEEP H. R.				
12		1DA19TE411	SHANKARGOUD H. MARIGOUDRA				
13	4	1DA18TE003	AMBIKA P.	AN OPTIMIZATION MODEL TO MINIMIZE BLOCKING PROBABILITY IN WDM NETWORK	Dr. PCS & Dr. TS	11:15-11:35	
14		1DA18TE004	AMRUTHAVARS HINI R.G.				
15		1DA18TE014	JEEVITHA O. SALIAN				
16		1DA19TE400	A. SOUJANYA				
17	5	1DA18TE005	ARPITHA N.S.	IMAGE PROCESSING BASED FIRE DETECTION USING RASPBERRY Pi	Dr. CRP & Dr. VCK	11:40-12:00	
18		1DA18TE006	BHAVYASHREE S.				
19		1DA18TE033	RAKSHITHA N.				
20		1DA18TE040	SHWETHA N.				
21	6	1DA18TE019	MITALI SHARMA	ADVANCED HYBRID POWER GENERATION WITH IOT BASED REAL-TIME APPLICATION	Dr. VCK & Dr. BS	12:05-12:25	
22		1DA18TE020	MOHAMMED IQBAL				
23		1DA18TE022	NIDA R. KHAN				
24		1DA18TE049	VIDYASHREE A. R.				
25	7	1DA18TE009	DEEPIKA R.	PUBLIC WATER SUPPLY GRID MONITORING AND WATER HARVESTING USING IOT	KN & PKB	12:30-12:50	
26		1DA19TE412	SOWMYA M. S.				
27		1DA19TE413	SUSHMA M. NAREGAL				

28	8	1DA19TE401	ANZITA RAJ	MULTI- PROTOCOL LABEL SWITCHING BASED VPN	Dr.VH & SM	2:00-2:20	SM
29		1DA18TE018	MILINDH R. KASHYAP				
30		1DA18TE024	NIMISH PRABHAKARA				
31		1DA18TE046	VADIRAJ K. M.				
32	9	1DA18TE026	PALLAVI M.	DETECTION OF DIABETES BASED ON IRIS IMAGE ANALYSIS	KN & Dr. CRP	02:25-02:45	SM
33		1DA18TE037	SAHANA S.				
34		1DA18TE047	VARSHINI S.				
35		1DA19TE406	HEMANTH KUMAR S.				

Batch 2: Room No. C- 406

Date: 06-07-2022

Sl. No.	GP	USN No.	Name	Title of the Project	Guide & Examiner	Time	Sign
36	10	1DA18TE025	NITHESH H. S.	GREEN LEAF DISEASE DETECTION AND IDENTIFICATION OF INFECTION USING RASPBERRY Pi	Dr. AHL & UR	10:00-10:20	SM
37		1DA18TE035	ROHIT R.				
38		1DA18TE042	SONIKA S.				
39		1DA18TE045	SUPRIYA S.				
40	11	1DA18TE002	AKANKSHA T.	IMPLEMENTATION OF OPTICAL CHARACTER RECOGNITION USING RASPBERRY Pi FOR VISUALLY CHALLENGED PERSON	Dr. YCR & Dr.AHL	10:25-10:45	SM
41		1DA18TE015	KAVITHA NAGARAJ PRABHU				
42		1DA18TE029	PRATHIKSHA P. SHET				
43		1DA18TE041	SNEHARANI				
44	12	1DA18TE027	POOJA G.	IOT IMPLEMENTATION OF UNDERWATER COMMUNICATION USING Li-Fi	Dr. BS & UR	10:50-11:10	SM
45		1DA18TE034	RANJITHA S.				
46		1DA18TE036	RUCHITHA S.				
47		1DA18TE048	VEDASHREE CHAVAN				
48	13	1DA18TE016	LOLAKSHI S. J.	DESIGN AND IMPLEMENTATION OF A WIRELESS SENSOR NETWORK FOR SEISMIC MONITORING OF BUILDINGS	Dr. KVM & SM	11:15-11:35	SM
49		1DA18TE023	NIKHITHA C. K.				
50		1DA18TE030	PRIYADARSHINI M.				
51		1DA18TE038	SANDHYA G.				
52	14	1DA18TE012	HARSHITHA J.	AUTOMATED GREEN HOUSE MONITORING USING CONTROL SYSTEMS	SM & Dr.AHL	11:40-12:00	SM
53		1DA18TE013	JAHNAVI M. S.				
54		1DA18TE031	RACHANA DAKSHIN M.				
55		1DA18TE050	YASHAS L.				
56	15	1DA19TE402	CHARAN KUMAR C N 46	VEHICLE THEFT DETECTION/NOTIFICATION WITH REMOTE ENGINE LOCKING	PKB & Dr.PCS	12:05-12:25	SM
57		1DA19TE403	CHEZHAN S. 46				
58		1DA19TE409	NAVEEN M. R. 46				
59		1DA19TE415	VINAY BABU G. A. 46				

60	16	1DA18TE017	MANOJ M.	DESIGN AND IMPLEMENTATION OF SMART TRANSFORMER BASED ON IOT	Dr. KVM & Dr.TS	2:00- 2:20	
61		1DA18TE043	SUHAIB AHMED				
62		1DA19TE404	MANJUNATH S. GOWDA				
63		1DA19TE408	GIRISHA K				
64	17	1DA18TE400	ABHISHEK V.S.	VOICE BASED NOTICE BOARD USING ANDROID	Dr. YCR & Dr.PCS	2:25- 2:45	
65		1DA18TE402	ASHOK G.N (TEP84)				



HoD

Dr. Yamuna Devi C.R.

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

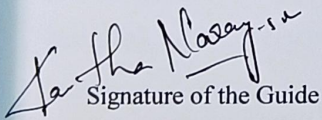
(An Autonomous Institute, Affiliated to VTU, Belagavi BANGALORE - 560056)



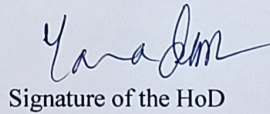
DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

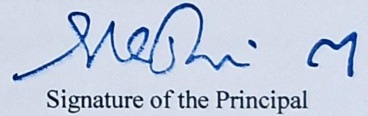
Certified that the project work titled “Detection of Diabetes Based on Iris Image Analysis” carried out by, **Pallavi.K.M-1DA18TE026, Sahana.S-1DA18TE037, Varshini.S-1DA18TE047, Hemanth Kumar.S-1DA19TE406** bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **TELECOMMUNICATION ENGINEERING** of **Dr. Ambedkar Institute of Technology** during the year 2021-22. It is certified that all corrections/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 above said Degree.


Signature of the Guide

Mrs. KAVITHA NARAYAN .B.M
Assistant Professor
Dept. of TCE
Dr. A.I.T


Signature of the HoD

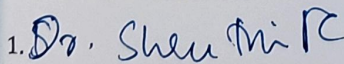
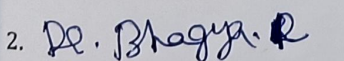
Dr. YAMUNA DEVI .C.R
Assoc. Professor and HoD
Dept. of TCE
Dr. A.I.T


Signature of the Principal

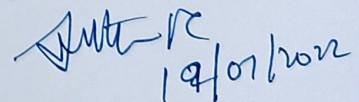
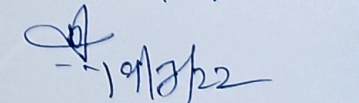
Dr. MEENAKSHI .M
Principal
Dr. A.I.T

External Viva

Name of the Examiners

1. 
2. 

Signature with Date

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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



DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

Certified that the Main project work titled “**VEHICLE THEFT DETECTION/NOTIFICATION WITH REMOTE ENGINE LOCKING**” carried out by , **Charan Kumar C N [1DA19TE402], Chethan S [1DA19TE403], Naveen M R [1DA19TE409], Vinay Babu G A [1DA19TE415]**, bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **TELECOMMUNICATION** of Visvesvaraya Technological University during the year 2021-22. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the Report deposited in the department. The Mani synopsis project report has been approved as it satisfies the academic requirements in respect of Mani synopsis project work prescribed for the said Degree.

Signature of the Guide

PRAVEEN.K.B
Asst. Professor
Dept. of TCE
Dr. A.I.T

Signature of the HOD

Dr. YAMUNA DEVI .C. R.
HOD
Dept. of TCE
Dr. A.I.T

Signature of the Principal

Dr. M. Meenakshi
Principal,
Dr. A.I.T

Name of the Examiners

1. **Usha Lani . M.A**
2. **Dr. Bhagya . R**

Signature with Date

Ushara . M.A 20/7/22

20/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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



Aided By Govt. of Karnataka

DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

Certified that the project work titled “ **SMART TRANSFORMER USING IoT** ” carried out by, **Manoj M (IDA18TE017)**, **Suhaib Ahmed (IDA18TE043)**, **Girisha K (IDA19TE404)**, **Manjunatha Gowda S (IDA19TE048)**, bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **TELECOMMUNICATION ENGINEERING** of **Dr. Ambedkar Institute of Technology** during the year 2021-22. It is certified that all corrections/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

Dr. K. V Mahesan
Associate Professor
Dept. of TCE
Dr. A.I.T

Signature of the HOD

Dr. YAMUNA DEVI C. R.
Assoc. Professor and HOD
Dept. of TCE
Dr. A.I.T

Signature of the Principal

Dr. MEENAKSHI .M
Principal,
Dr. A.I.T

External Viva

Name of the Examiners

1. **Usha Rani M. A**
2. **Dr. Bhagya. R**

Signature with Date

Usha Rani M. A
20/7/22

Dr. Bhagya. R
20/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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

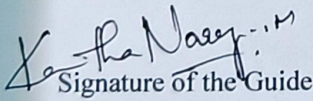


Aided By Govt. of Karnataka

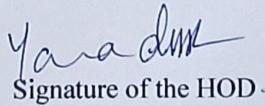
DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

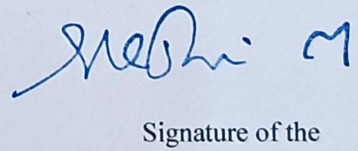
Certified that the project work titled "**PUBLIC WATER SUPPLY GRID MONITORING AND RAIN WATER HARVESTING USING IOT**" carried out by, **Deepika.R-1DA18TE009, Sowmya M.S-1DA19TE412, Sushma M Naregal -1DA19TE413**, bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **TELECOMMUNICATION ENGINEERING** of **Dr. Ambedkar Institute of Technology** during the year 2021-22. It is certified that all corrections/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 above said Degree.


Signature of the Guide

Mrs. KAVITHA NARAYAN .B.M
Assistant Professor
Dept. of TCE
Dr. A.I.T


Signature of the HOD.

Dr. YAMUNA DEVI .C.R
Assoc. Professor and HOD
Dept. of TCE
Dr. A.I.T


Signature of the

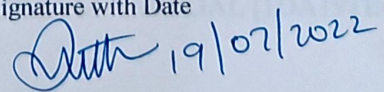
Dr. MEENAKSHI .M
Principal
Dr. A.I.T

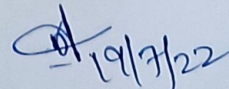
External Viva

Name of the Examiners

1. **Dr. Shrutika R**
2. **Dr. Bhagyashree**

Signature with Date





Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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



DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

Certified that the project phase-II work carried out by **Nithesh HS (1DA18TE025)**, **Rohit R (1DA18TE035)**, **Sonika S (1DA18TE042)** and **Supriya S (1DA18TE045)** are bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **TELECOMMUNICATION ENGINEERING** of Visvesvaraya Technological University during the year 2021-22. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the Report deposited in the department. The project phase-II report has been approved as it satisfies the academic requirements in respect of technical seminar work prescribed for the said Degree.

Aravinda HL

Signature of the Guide

Dr. Aravinda HL
Asst. Professor
Dept. of TCE
Dr. AIT

Yamuna Devi C.R.

Signature of the HOD

Dr. YAMUNA DEVI C.R.
HOD
Dept. of TCE
Dr. AIT

Meenakshi M

Signature of the Principal

Dr. MEENAKSHI M
Principal
Dr. A.I.T

Examiner name

1. *Usha Rani M.A*
2. *Dr. Bhagyaraj*

Signature with date

Usha Rani M.A
20/7/22

Dr. Bhagyaraj
20/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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

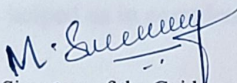


Aided By Govt. of Karnataka

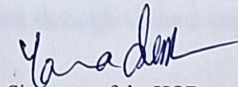
DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

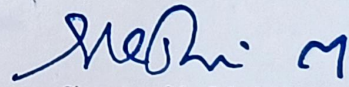
Certified that the project phase-II work carried out by **Harshitha J(1DA18TE012)**, **Jahnavi M S(1DA18TE013)**, **Rachana Dakshin M(1DA18TE031)** and **Yashas L(1DA18TE050)** are bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **TELECOMMUNICATION ENGINEERING** of Visvesvaraya Technological University during the year 2021-22. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the Report deposited in the department. The project phase-II report has been approved as it satisfies the academic requirements in respect of technical seminar work prescribed for the said Degree.


Signature of the Guide

Mrs. SOWMYA M
Asst. Professor
Dept. of TCE
Dr. AIT

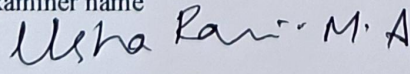
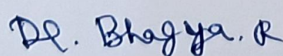

Signature of the HOD

Dr. YAMUNA DEVI C.R.
HOD
Dept. of TCE
Dr. AIT

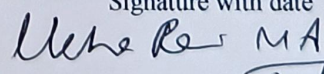
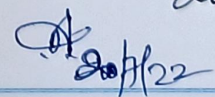

Signature of the Principal

Dr. MEENAKSHI M
Principal
Dr. A.I.T

Examiner name

1. 
2. 

Signature with date


20/7/22

20/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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



DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

Certified that the project phase-II work carried out by **Abhishek SR (1DA18TE001)**, **BhuvankumarR(1DA18TE007)**, **DileepHR(1DA18TE010)**, **Shankargoud H Marigoudra(1DA19TE411)** are bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING in TELECOMMUNICATION ENGINEERING** of Visvesvaraya Technological University during the year 2021-22. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the Report deposited in the department. The project phase-II report has been approved as it satisfies the academic requirements in respect of technical seminar work prescribed for the said Degree.

Signature of the Guide

Mr. PRAVEEN K B
Asst. Professor
Dept. of TCE
Dr. AIT

Signature of the HOD

Dr. YAMUNA DEVI C.R.
HOD
Dept. of TCE
Dr. AIT

Signature of the Principal

Dr. MEENAKSHI M
Principal
Dr. A.I.T

Examiner name

1. Dr. Shenu M R
2. Dr. Bhagya R

Signature with date

19/7/2022

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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



DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

Certified that the project work titled “MULTIPROTOCOL LABEL SWITCHING BASED VPN” carried out by, **Milindh R Kashyap (1DA18TE018)**, **Nimish A Prabhakara (1DA18TE024)**, **Vadiraj K M (1DA18TE046)**, **Anzita S Raj (1DA19TE401)** bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING in TELECOMMUNICATION ENGINEERING** of **Dr. Ambedkar Institute of Technology** during the year 2021-22. It is certified that all corrections/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

Dr. VIDYA HONGUNTIKAR
Associate Professor
Dept. of TCE
Dr. A.I.T

Signature of the HoD

Dr. YAMUNA DEVI C. R.
Assoc. Professor and HoD
Dept. of TCE
Dr. A.I.T

Signature of the Principal

Dr. MEENAKSHI .M
Principal,
Dr. A.I.T

External Viva

Name of the Examiners

1. Dr. Shenu Tri PC
2. Dr. Bhagya R

Signature with Date

19/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

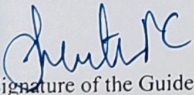
(An Autonomous Institute, Affiliated to VTU, Belagavi BANGALORE - 560056)



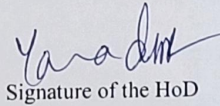
DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

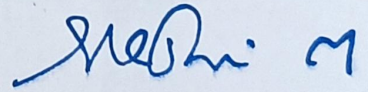
Certified that the project work titled “An Optimization model to minimize Blocking Probability in WDM networks” carried out by, **Ambika P(1DA18TE003)**, **Amruthavarshini R G(1DA18TE004)**, **Jeevitha O Salian(1DA18TE014)**, **A Soujanya(1DA19TE400)**, bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **TELECOMMUNICATION ENGINEERING** of **Dr. Ambedkar Institute of Technology** during the year 2021-22. It is certified that all corrections/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

Dr. Shruthi P. C.
Associate Professor
Dept. of TCE
Dr. A.I.T


Signature of the HoD

Dr. Yamuna Devi C. R.
Assoc. Professor and HoD
Dept. of TCE
Dr. A.I.T



Signature of the Principal

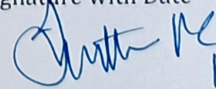
Dr. Meenakshi .M
Principal,
Dr. A.I.T

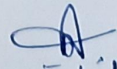
External Viva

Name of the Examiners

1. **Dr. Shrutri P C**
2. **Dr. Bhagya R**

Signature with Date

 19/07/2022

 19/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

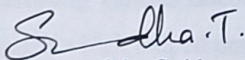
(An Autonomous Institute, Affiliated to VTU, Belagavi BANGALORE – 560056)



DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

Certified that the Project work titled **“DESIGN OF AN ARDUINO BASED RADAR SYSTEM”** carried out by Chaya M, Harshitha S, Keerthana, Vaishnavi R, bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfilment for the award of Degree in **BACHELOR OF ENGINEERING in TELECOMMUNICATION ENGINEERING** of Visvesvaraya Technological University during the year 2021-22. It is certified that all corrections/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.

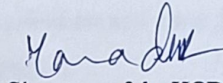

Signature of the Guide

Dr. Sudha H Thimmaiah

Associate Professor

Dept. of TCE

Dr. A.I.T

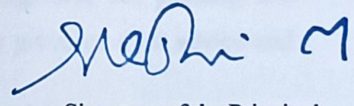

Signature of the HOD

Dr. Yamuna Devi C. R.

Associate Professor and HOD

Dept. of TCE

Dr. A.I.T


Signature of the Principal

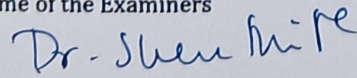
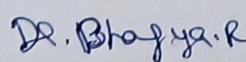
Dr. M. Meenakshi

Principal

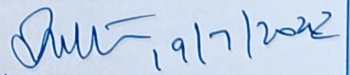

Dr. A.I.T

External Viva

Name of the Examiners

1. 
2. 

Signature with Date

 19/7/2022
 19/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

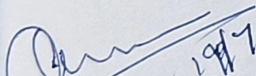
(An Autonomous Institute, Affiliated to VTU, Belagavi, BANGALORE – 560056)



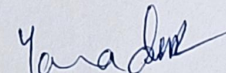
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

CERTIFICATE


This is to Certify that the Project Phase – II work titled “**ADVANCED HYBRID POWER GENERATION WITH IoT BASED MODEL FOR REAL-TIME APPLICATIONS**” carried out by **Mitali Sharma[1DA18TE019], Mohammad Iqbal[1DA18TE020], Nida R Khan[1DA18TE022], Vidyashree AR[1DA18TE049]**, bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore** in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **ELECTRONICS AND TELECOMMUNICATION ENGINEERING** of Visvesvaraya Technological University during the year 2021-22. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the Report deposited in the department. The Project Phase -II report has been approved as it satisfies the academic requirements in respect of Project Phase - II work prescribed for the said Degree.


Signature of the Guide

Dr. CHANDRAKALA V
Assoc. Professor
Dept. of ETE
Dr. A.I.T


Signature of the HOD

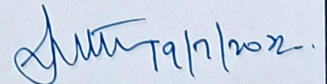
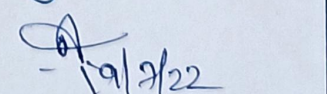
Dr. YAMUNA DEVI C.R.
HOD
Dept. of Electronics & Telecommunication Engg.
Dr. Ambedkar Inst. of Technology
Bangalore-560 056


Signature of the Principal

Dr. M. MEENAKSHI
Principal,
Dr. A.I.T

Name of Examiners:

1. Dr. Shrutite
2. Dr. Bhagya.R


19/7/2022

19/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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



DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

Certified that the project work titled “ **IoT IMPLEMENTATION OF UNDERWATER COMMUNICATION USING Li-Fi** ” carried out by, **Pooja G (1DA18TE027), Ranjitha S (1DA18TE034), Ruchitha S (1DA18TE036), Vedashree Chavan(1DA18TE048)**, bonafide student of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING in TELECOMMUNICATION ENGINEERING** of **Dr. Ambedkar Institute of Technology** during the year 2021-22. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the Report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the above said Degree.

Signature of the Guide

Dr. B. SIVAKUMAR
Professor
Dept. of TCE
Dr. A.I.T

Signature of the HoD

Dr. YAMUNA DEVI C. R.
Assoc. Professor and HoD
Dept. of TCE
Dr. A.I.T

Signature of the Principal

Dr. MEENAKSHI .M
Principal,
Dr. A.I.T

External Viva

Name of the Examiners

1. **Usha Rani . M.A**
2. **Dr. Bhagyaa . R**

Signature with Date

Usha Rani . M.A
20/7/22

A
20/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

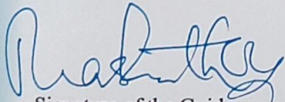
(An Autonomous Institute, Affiliated to VTU, Belagavi BANGALORE - 560056)



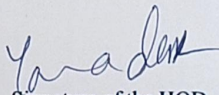
DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

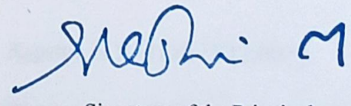
Certified that the project work titled “ **Image Processing Based Fire Detection Using Raspberry Pi** ” carried out by, **ARPITHA N S(1DA18TE005)**, **BHAVYASHREE S (1DA18TE006)**, **RAKSHITHA N (1DA18TE033)**, **SHWETHA N (1DA18TE040)**, bonafide student of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **TELECOMMUNICATION ENGINEERING** of **Dr. Ambedkar Institute of Technology** during the year 2021-22. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the Report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the above said Degree.


Signature of the Guide

Dr. PRASHANTH C.R
Professor
Dept. of TCE
Dr. A.I.T


Signature of the HOD

Dr. YAMUNA DEVI C. R.
Assoc. Professor and HOD
Dept. of TCE
Dr. A.I.T


Signature of the Principal


Dr. MEENAKSHI .M
Principal
Dr. A.I.T

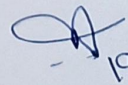
External Viva

Name of the Examiners

1. Dr. Shentair K
2. Dr. Bhagyashree R

Signature with Date

 19/7/2022

 19/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

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



DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

Certified that the project work titled “DESIGN AND IMPLEMENTATION OF A WIRELESS SENSOR NETWORK FOR SEISMIC MONITORING OF BUILDINGS” carried out by, **LOLAKSHI S J(1DA18TE016)**, **NIKHITHA C K(1DA18TE023)**, **PRIYADARSHINI M(1DA18TE030)**, **SANDHYA G(1DA18TE038)** bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **TELECOMMUNICATION ENGINEERING** during the year 2021-22. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the Report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the above said Degree.

Signature of the Guide

Dr. K V MAHESAN
Assoc. Professor
Dept. of TCE
Dr. A.I.T

Signature of the HOD

Dr. YAMUNA DEVI C. R.
Assoc. Professor and HOD
Dept. of TCE
Dr. A.I.T

Signature of the Principal

Dr. MEENAKSHI .M
Principal
Dr. A.I.T

External Viva

Name of the Examiners

1.

2.

Signature with Date

20/7/22

20/7/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institute, Affiliated to VTU, Belagavi, BANGALORE – 560056)



DEPARTMENT OF TELECOMMUNICATION ENGINEERING

CERTIFICATE

Certified that the Project Phase – II work titled “IMPLEMENTATION OF OPTICAL CHARACTER RECOGNITION USING RASPBERRY PI FOR VISUALLY CHALLENGED PERSON” carried out by Akanksha T, Kavita N Prabhu, Prathiksha P Shet, Sneharani bonafide students of **Dr. Ambedkar Institute of Technology, Bangalore**, in partial fulfillment for the award of Degree in **BACHELOR OF ENGINEERING** in **TELECOMMUNICATION ENGINEERING** of Visvesvaraya Technological University during the year 2021-22. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the Report deposited in the department. The Project Phase -II report has been approved as it satisfies the academic requirements in respect of Project Phase - II work prescribed for the said Degree.

Signature of the Guide and the HOD

Dr. YAMUNA DEVI C.R.
Assoc. Professor and HOD
Dept. of TCE
Dr. A.I.T

Signature of the Principal

Dr. M. MEENAKSHI
Principal,
Dr. A.I.T

Name of the Examiners

- 1.
- 2.

Signature with Date

20/7/22

20/7/22