



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF
TECHNOLOGY, BUDHGAON**

Department of Electronics And Telecommunication Engineering

CERTIFICATE

This is to certify that the project report entitled

“UNDERWATER IMAGE ENHANCEMENT IN PYTHON ”

submitted by,

SHRADDHA PATIL	Roll No.04
NAYAN CHOUGULE	Roll No.05
SAYALI PATIL	Roll No.06
PRASAD JADHAV	Roll No.55

to Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE, in partial fulfillment for the award of the degree of **B. Tech in
Electronics And Telecommunication Engineering** is a *bonafide* record of
project work carried out by him/her under my/our supervision. The contents of
this report, in full or in parts, have not been submitted to any other Institution
or University for the award of any degree or diploma.

Dr. Mrs. S.S. Sankpal
Guide

Prof. A.G. Patil
Head of Department

Dr. D.V. Ghewade
Principal



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF
TECHNOLOGY, BUDHGAON**

ELECTRONICS AND TELECOMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the project report entitled

NETWORK ATTACHED STORAGE

Submitted By

1. PRATHAMESH PRAKASH RODE (07)
2. ANIRUDH KUMAR SHINDE (08)
3. AKSHAY BABASAHEB WATHARKAR (09)
4. VISHVAJIT BHANUDAS SISALE (10)

To **Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE**, in partial fulfilment for the award of degree of **B.Tech in ELECTRONICS AND TELECOMMUNICATION ENGINEERING** is a bona fide record of project work carried out by candidates under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.

Mrs. S.S. Sankpal

Guide

DR. M.S. CHAVAN

Head Of Department

Dr. D.V. Ghewade

Principal

**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE
OF TECHNOLOGY, BUDHGAON**



Department of Electronics and Telecommunication

CERTIFICATE

This is to certify that the project report entitled

E-APPOINTMENT AND SCHEDULING SYSTEM

Submitted by

Sayali Hemant Doshi (11)

Neha Sanjay Nikam (12)

Renuka Ajay More (13)

To Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE, in partial fulfillment for the award of the degree of **B. Tech in Electronics and Telecommunication** is a bonafide record of project work carried out by our students under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma.

Prof. R. P. Onkare

Guide

Prof. A.G. Patil

Head of department

Prof. Dr. D.V. Ghewade

Principal



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE
OF TECHNOLOGY, BUDHGAON**

Department of Electronics and Tele-communication

CERTIFICATE

This is to certify that the project report entitled

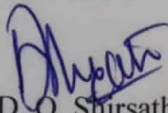
**“SECURED TRACKING AND TRACING SYSTEM BASED
ON BLOCKCHAIN TECHNOLOGY”**

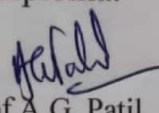
Submitted by

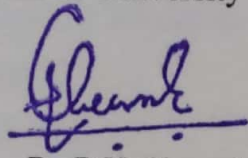
MR. YADAV RUSHIKESH R.	14
MR. SURYAWANSHI SHUBHAM S.	15
MR. MALI AVINASH S.	16
MISS. JADHAV GAURI R.	17

to Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL
UNIVERSITY, LONERE, in partial fulfilment for the award of the
degree of **B. Tech in Electronics and Tele-communication**

Engineering is a bona fide record of project work carried out by
him under my supervision. The contents of this report, in full or in
parts, have not been submitted to any other Institution or University
for the award of any degree or diploma.


Prof. D. O. Shirsath.
Project Guide


Prof A.G. Patil.
Head of Department


Dr. D.V. Ghewade
Principal



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF
TECHNOLOGY, BUDHGAON**

Department of Electronics and Telecommunication Engineering

CERTIFICATE

This is to certify that the project report entitled, "**Smart Height Adjustable Podium**" submitted by, Miss. Wavare Pranita D., Miss. Mulla Saniya F., Miss. Yadav Kalyani S., Miss. Patil Rutuja P. to Dr. Babasaheb Ambedkar Technological University, Lonere, in partial fulfillment for the award of the degree of **B. Tech in Electronics and Telecommunication Engineering** is a bonafied record of project work carried out by him/her under my/our supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma

Dr. M. S. Chavan

Guide

Dr. M. S. Chavan

Head of Department

Dr. D. V. Ghewade

Principal




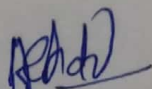
**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE
OF TECHNOLOGY, BUDHGAON**

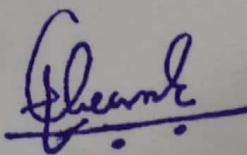
Department of Electronics and Telecommunication

CERTIFICATE

This is to certify that the project report entitled **"IOT BASED AUTOMATIC DOOR SYSTEM"** submitted by **Swapnali Keshav Pawar, Pratik Sarjerao Patil, Divesh Nainesh Shaha, Sanket Jaypal Patil** to Dr. **BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE**, in partial fulfillment for the award of the degree of **B. Tech in Electronics and Telecommunication Engineering** is a *bona fide* record of project work carried out by them under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma.


Dr. M. S. Chavan
Guide


Prof. A.G. Patil
Head of Department


Prof. Dr. D.V. Ghewade
Principal



**PADMABHOOSHAN VASANTRAODADA PATIL
INSTITUTE OF TECHNOLOGY, BUDHGAON**

**Department of Electronics and Telecommunications
Engineering**

CERTIFICATE

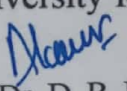
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
**SMART TRACKING AND
HEALTH MONITORING JACKET**

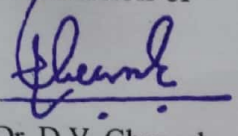
submitted by

Gavand Rohini Santosh	- 26
Gaikwad Nivedita Sampatrao	- 27
Kadam Rutuja Ramesh	- 28
Shaikh Reshma Ramjan	- 29

to Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL
UNIVERSITY, LONERE, in partial fulfillment for the award of the
degree of **B. Tech in Electronics and Telecommunications
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Prof. Dr. D. B. Kadam
Guide


Dr. M. S. Chavan
Head of Department


Dr. D. V. Ghewade
Principal



**PADMABHOOSHAN VASANTRAODADA PATIL
INSTITUTE OF TECHNOLOGY, BUDHGAON**

Department of Electronics And Telecommunication Engineering

CERTIFICATE

This is to certify that the project report entitled

STUDENT SUPPORTING CHATBOT

submitted by

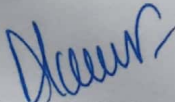
Ankita Chandrakant Patil (30)


Zoya Riyazahmed Shaikh (31)

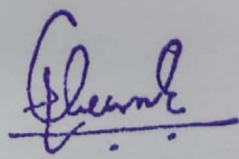
Shalaka Sudam Patil (32)

Aishwarya Subhash Kadam (33)

to Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE, in partial fulfillment for the award of the degree of **B. Tech in Electronics And Telecommunication Engineering** is a *bona fide* record of project work carried out by him/her under my/our supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma.


Dr. D. B. Kadam
Guide


Dr. M. S. Chavan
Head of Department


Dr. D. V. Ghevade
Principal



PADMABHOOSHAN VASANTRAODADA PATIL

INSTITUTE OF TECHNOLOGY, BUDHGAON

**Department of Electronics and telecommunication
engineering**

CERTIFICATE

This is to certify that the project report entitled


Medicine vending machine using RFID

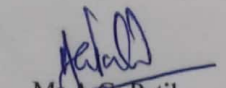
submitted by

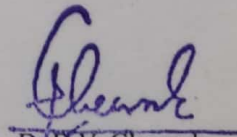
Roll No.	Name of Students	PRN No.
34	Omkar Subhash Patil	51626920181137210060
35	Aman Rafik Shikalgar	51626920181137210024
36	Shubham Jayantilal Limbani	51626920181137210011
37	Siddesh Shashikant Gophane.	51626920181137210005

to Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE, in partial fulfillment for the award of the degree of **B. Tech in Electronics and telecommunication** is a *bona fide* record of project work carried out by him under our supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.


supervisor


Mr. A. G. Patil
Guide


Mr. A. G. Patil
Head of Department


Dr. D. V. Ghewade
Principal

INTERGARTING SIGNAL PROCESSING MODULE OF HEARING AIDS INTO REAL-
TIME SMARTPHONE APPLICATION



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE
OF TECHNOLOGY, BUDHGAON**
Department of **ELECTRONICS AND TELECOMMUNICATION**

CERTIFICATE

This is to certify that the project report entitled

**“INTERGARTING SIGNAL PROCESSING MODULE OF HEARING AIDS INTO
REAL-TIME SMARTPHONE APPLICATION”**

submitted by

- | | |
|-----------------------------|---------------|
| 1. Pranshu Ajay Sharma. | Roll no. - 38 |
| 2. Vaibhav Dattatery Desai. | Roll no. - 39 |
| 3. Pradeep Sanjay Roje. | Roll no. - 40 |
| 4. Ramjan Rabbilal Mulani. | Roll no. - 41 |

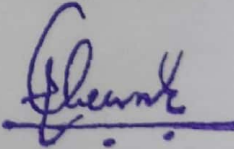
to **Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE**, in partial fulfillment for the award of the degree of **B. Tech in of
ELECTRONICS AND TELECOMMUNICATION** is a *bona fide* record of
project work carried out by him/her under my/our supervision. The contents of this report,
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award of any degree or diploma.


Prof.A.G.Patil

Guide


Prof.A.G. Patil

H.O.D.



Dr.D.V.Ghewade

Principal

External Examiner

**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF
TECHNOLOGY, BUDHGAON**

Department of Electronics and Tele-communication



CERTIFICATE

This is to certify that the project report entitled

A real time technique for counting pipes using image Processing

Submitted by

- | | |
|-----------------------|----|
| 1. VAISHNAVI A. MUDE | 42 |
| 2. ANKITA V. MOHITE | 43 |
| 3. PRATIKSHA V. PATIL | 44 |
| 4. GAYATRI P. MALI | 45 |

toDr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE, in partial fulfilment for the award of the degree of **B. Tech in
Electronics And Tele-communication** is a bona fide record of project work
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the award of any degree or diploma.

Prof. S. V. Phakade

Project Guide

Prof. A.G. Patil

Head of Department

Dr. D.V. Ghewade

Principal



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE
OF TECHNOLOGY, BUDHGAON**

Department of Electronics and Telecommunication Engineering

CERTIFICATE

This is to certify that the project report entitled

“MEDICINE REMINDER BOX”

submitted by

MISS.YADAV MANASI V.	Roll No.46
MISS.MALI SHITAL D.	Roll No.47
MISS.BHOITE SAYALI A.	Roll No.48
MISS.GAIKWAD SANJIVANI S .	Roll No.49

to Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE, in partial fulfillment for the award of the degree of **B. Tech
in Electronics And Telecommunication Engineering** is a *Bonafede*
record of project work carried out by him/her under my/our
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Mr.S.V.Phakade
Guide

Prof.A.G.Patil
Head of Department

Dr.D.V.Ghewade
Principal



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE
OF TECHNOLOGY, BUDHGAON**


**Department of Electronics And Telecommunication
Engineering**

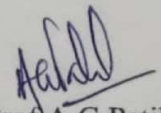
CERTIFICATE

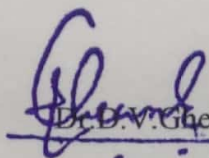
This is to certify that the project report entitled
“GREENHOUSE MONITORING SYSTEM USING IOT”
submitted by

MISS.YADAV NIKITA T.	Roll No.50
MISS.CHAVAN SHITAL S.	Roll No.51
MISS.BHOSALE RUTUJA S.	Roll No.52
MISS.MANE KOMAL U.	Roll No.53

to Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL
UNIVERSITY, LONERE, in partial fulfillment for the award of the
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Mr.B.P.Kulkarni
Guide


Prof.A.G.Patil
Head of Department


Dr.D.V.Ghewade
Principal

Dr. V.P.S.S.M's

**Padmabhooshan Vasantraodada Patil Institute of Technology,
Budhgaon- 416 304.**



CERTIFICATE

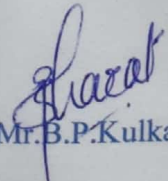
This is to certify that the Project entitled

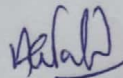
"TRAFFIC LIGHT CONTROL SYSTEM"

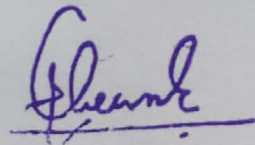
Is benefited record of project work carried out by,

1. Pawar Komal Bhnaudas
2. Suryavanshi Yogesh Ankush
3. Malme Rupali Bhupal

As a partial fulfillment for the award of Bachelor of Electronics and Telecommunication Engineering, as laid down by DR.BABASAHED AMBEDKAR University, during academic year 2021-2022.


Mr. B.P. Kulkarni
Guide


Mr. A.G. Patil
H.O.D.


Dr. D.V. Ghewade
Principal



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF
TECHNOLOGY, BUDHGAON**

Department of Electronics & Telecommunication Engineering

CERTIFICATE

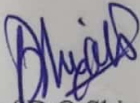
This is to certify that the project report entitled

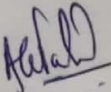
**“IOT BASED HEALTH MONITORING AND AUTOMATED
PREDICTIVE SYSTEM TO CONFRONT COVID-19”**

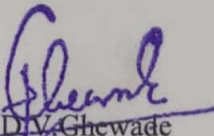
submitted by

MISS.MULLA HEENA M.	Roll No.56
MISS.SURYAWANSHI BHAGYASHRI D.	Roll No.58
MISS.PATIL SWPNALI S.	Roll No.59
MISS.BHISE DAMINI A.	Roll No.60

to Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE, in partial fulfillment for the award of the degree of **B. Tech in
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Prof.D.O.Shirsath
Guide


Prof.A.G.Patil
Head of Department


Dr.D.V.Ghewade
Principal



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF
TECHNOLOGY, BUDHGAON**

Department of Electronics and Tele-communication

CERTIFICATE

This is to certify that the project report entitled

5.1 SURROUND SOUND SYSTEM

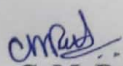
Submitted by

IMRAN K. SAYYAD (61)

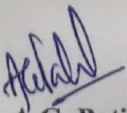
IMTIYAJ S. SAYYAD (62)

ASHRAF E. BAGWAN (63)

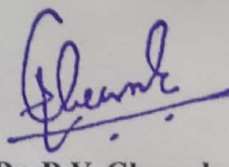
to Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
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Mr. C. M. Patil.

Project Guide


Prof. A.G. Patil.

Head of Department


Dr. D.V. Ghewade.

Principal



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF
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Department of Electronics and Telecommunication Engineering

CERTIFICATE

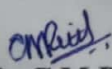
This is to certify that the project report entitled

Non-invasive Hb level prediction with photoplethysmography(PPG) technique
using arduino

submitted by:

1. Snehal Sudhakarbhair Patil (1)
2. Manasi Mahesh Sagare (2)
3. Rutuja Suresh Patil (3)

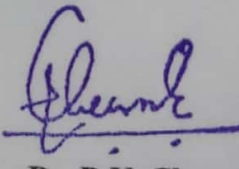
to **Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE**, in partial fulfillment for the award of the degree of **B. Tech in
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or University for the award of any degree or diploma.


Mr. C.M. Patil

(GUIDE)


Mr. A.G. Patil

(HOD)


Dr. D.V. Ghevade

(Principal)

Non Invasive HB Detection