



LIST OF THE B.E. PROJECT GROUPS AND OTHER DETAILS 2021-22

Group No.	Name of Student	Allocated Domain	Title of Project
1	Ankita Awhale	IOT	IOT based Smart Vehicle Alcohol Detection and Accident Prevention
	Pratik Badhe,		
	Shital Bhujbal		
2	Anuja Mali ,	ML	Sign Language recognition with Machine learning
	Ashwini jawale ,		
	Umesh Sathe		
3	Vaishnavi Rajendra Bhavsar	AI	AI Based Robotic Trash Boat
	Vaishnavi Sacchidanand Chikhale		
	Shradha Vyankatrao Barure		
4	Aniket Bambarse,	Embedded	Smart Walking Stick for Blind People
	Sopan Thombare		
	Avishkar Kharade,		
5	Komal Bharat Pawar	Embedded	LPG GAS LEAKAGE DETECTOR USING GSM AND ARDUINO WITH SMS ALERT AND ITS PREVENTION
	GHUGE PAVAN DINKAR		
	Nikita Kailas Thate		
6	Aniket Gain	Embedded	Health monitoring system for Heart Patients
	Akanksha Pujari		
	Ankita Satav		
7	Ambhure Chandrasekhar ,	IoT	IoT based Air & Sound pollution monitoring system
	Barure Tukaram,		

	Ghongade Abhishek		
8	Gaikwad Sneha Balasaheb,	Block Chain	A Proposed Block chain based approach for efficient covid Vaccination program in India
	Bhosle Ajay Nandkumar,		
	Mirza Wajahat Ali Baig		
9	Shibin Sibi ,	Embedded	Precaution for Covid-19 based on Mask detection and sensors
	Gayatri Jamkar ,		
	Aishwarya Jadhav		
10	Dhanaji Pol	IoT	IOT based medicine management system for visually impaired people .
	Shweta Gaikwad		
	Rani Gaykar		
11	Swapnil Padwal	IoT	A secure IoT based modern healthcare system using Body Sensor Network
	Vibhavari Jadhav		
	Rashmi Nathankar		
12	Deepali Vilas Khurpe	Communication	MONITORING AND MAINTENANCE OF HIGHWAY BRIDGES USING WIRELESS SENSOR NETWORKS
	Ankita Valmik Gaikwad		
	Sachin Korde		
13	Tejas Sunildatt Surve.	AI	An early diagnostic approach for neurological disease by using artificial intelligence
	Varad Dhananjay selukar.		
	Tanay Apotikar		
14	Karishma Narayan Goud	IOT	IOT Based AUTO TEMPERATURE SCAN ENTRY SYSTEM
	Priyanka Rama Jadhav		
	Rutuja Wadjeram doiphode.		
15	Pratiksha Dhumal	AI	Facial Recognition with convolutional neural network for driver
	Sujata Khedkar		
	Saurabh Shelake		
16	Sujay wagh	ML	Fall detection for Elderly

	Shubham gawade		people using Machine Learning
	Nitish sing		
17	Panchakshri girija,	DIP	Surface defect detection for Tiles using Digital Image Processing
	shubham katre,		
	Rahul shendge		
18	Jyoti Ramesh Chavan	Embedded	People rescue system against open manhole
	Snehal Dyanenshwar hedaoo		
	Dhananjay Gokul Shinde		
19	Abhishek jagtap	AI	Helmet Detection & Number Plate Recognition using Artificial Intelligence
	Saurabh Waman		
	Vishal Jadhav		
20	Pooja tulsi,	Embedded	CNN Based Aerial Image Processing Model for Women Security & Smart Surveillance
	Rutuja Kurkelli,		
	Omkar Mane		
21	Ganesh Ambhure	IoT	IOT Based Smart Agriculture
	Digvijay Karankar		
	Ashutosh padwal		
22	Vishakha Ajay Khalate,	Automation	Navigation Vibrational Shoes for motor cyclist
	Sankeeta Sanjay Kumbhar,		
	Aniket Dhanaji Patil.		
23	Amir Hamza	IoT	Raspberry PI based global industrial process monitoring through wireless communication
	KADAMBARI GUND		
24	Sanket kad	IOT	IoT Based Paralysis Patient Healthcare System
	Aishwarya Joshi		
	Bajgude shital sudam		
25	Junaid Siddiki	Cloud Computing	Application & Machine

			Deliver through Cloud
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Wagholi Pune – 412207**



CERTIFICATE

This is to certify that the Project entitled "IOT Auto Temperature Scan Entry System"
submitted by 1) Karishma Narayan Goud

2) Priyanka Rama Jadhav

3) Rutuja Wadjeram Doiphode

is a record of the bonafide work carried out by him / her, under my guidance, and it is approved
for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the
degree **Bachelor of Engineering (Electronics & Telecommunication).**

Prof. M. Manish Dabhade

**Guide
Department of E&Tc**

Place : Pune

Date : 27/05/22

Dr. S. K. Bhatia

Head of Department

**Department of E&Tc
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(External Examiner)

Dr. R. S. Deshpande

Principal
Imperial College of Engineering & Research,
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Maharashtra

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CERTIFICATE

This is to certify that the Project entitled "IoT Based Health monitoring system
using GPS" submitted by Aniket Gain, Akanksha Pujari, Ankita Satav is a record of the
bonafide work carried out by him / her, under my guidance, and it is approved for the
partial fulfillment of requirement of Savitribai Phule Pune University for the award of the
degree **Bachelor of Engineering (Electronics & Telecommunication).**

Prof. P. S. Topannavar
**Guide
Department of E&Tc**

Place: Pune

Date: 27-05-22

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Wagholi Pune - 412207



CERTIFICATE

This is to certify that the Project Entitled

SMART BLIND STICK FOR VISUALLY IMPAIRED

Submitted by

BAMBARSE ANIKET DATTATRAY

KHARADE AVISHKAR DATTATRAY

THOMBRE SOPAN DNYANDEV

is a record of the bonafide work carried out by them, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the

Dr. A.S. Deshpande
Dr. A.S. Deshpande
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(External Examiner)

Place: Pune
Date: *21/5/22*

Moh
(M. Amish K. Raghade)

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CERTIFICATE

This is to certify that the Project report entitled "Navigational Shoes For Motorcyclists" submitted by *patil aniket dhanaji* is a record of the bonafied work carried out by him / her, under my guidance, and it is approved for the partial Efulfillment of requirement of Savitribai Phule Pune University for the award of the degree Bachelor of Engineering (Electronics & Telecommunication).

Prof. P.S. Topannavar
Prof. P.S. Topannavar
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Wagholi, Pune-412207,
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Place: Pune

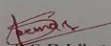
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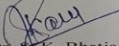


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
This is to certify that the Project entitled "Surface Defect Detection in Tiles Using Image Processing" submitted by Shubham, Girija and Rahul is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication)**.


Prof. S.B. Idhate

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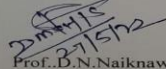


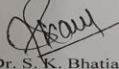
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
This is to certify that the project report entitled " IOT BASED PARALYSIS PATIENTS HEALTHCARE "submitted by

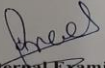
- 1) AISHWARYA ASHOK JOSHI (B150513031)
- 2) SANKET RAMCHANDRA KAD (B150513032)
- 3) SHITAL SUDAMRAO BAJGUDE (B150513009)

is a record of the Bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication)**.


Prof. D.N. Naiknaware
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Maharashtra


(External Examiner)

Place: Pune
Date:

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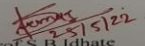


CERTIFICATE

This is to certify that the Project report **A Secure IoT-Based Modern Healthcare System Using Body Sensor Network** –submitted by

1. **Vibhavari Vasantrao Jadhav**
2. **Swapnil Nathu Padwal**
3. **Rashmi Vijay Nathankar**

is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the requirement of **Bachelor of Engineering (Electronics & Telecommunication)**.


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(External Examiner)

Place: Pune

Date:

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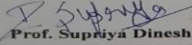


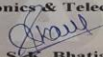
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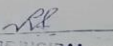
This is to certify that the Project Report entitled "**Raspberry PI based global industrial process monitoring through wireless communication**" submitted by

- 1) **Kadambari Rajendra Gund**
- 2) **Shaibaz Chabaru**

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Prof. Supriya Dinesh
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Principal Dept. of
I.C.O.E.R., Pune

Place:

Date:



CERTIFICATE

This is to certify that the Project entitled "Iot based smart agriculture towards making the field talk" submitted by Ashutosh, Ganesh and Digvijay is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication)**.

[Signature]
Prof. Dr. D.A. Jadhav
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[Signature]
(Examiner Signature)
[SUPRIYA DINESH]

Place: Pune
Date: 27/05/2022

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Wagholi - 412207**



CERTIFICATE

This is to certify that the Project Report entitled "AI Based Chart board for early detection of neurological Disease" submitted by

- 1) Gaikwad Sneha Balasaheb
- 2) Bhosle Ajay Nandkumar
- 3) Mirza Wajahat Ali Baig

Is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication)**.

[Signature]
Prof. M.A. Maindarkar
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[Signature]
(External Examiner)

Place: Pune
Date:

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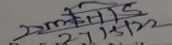



CERTIFICATE

This is to certify that the Project report entitled "A Medicine Management System for Old Aged People" submitted by,

1. Shweta Babasaheb Gaikwad
2. Rani Motiram Gaykar
3. Dhanaji Uttam Pol

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Prof. D. N. Naiknaware
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Wagholi, Pune-412207,
Maharashtra


(External Examiner)


Place: Pune
Date:

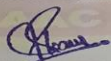
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


CERTIFICATE

This is to certify that the project report entitled "Sign Language Recognition with Deep Learning" submitted by - **ASHWAI BAPU JAWALE, ANUJA SUNIL MALI & UMESH RAJU SATHE** is a record of the Bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication)**.


Dr. P.R. Madadpure
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National Assessment & Accreditation Council
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Wagholi, Pune-412207,
Maharashtra

Place: Pune
Date:

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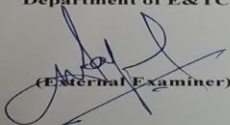
This is to certify that the Project entitled "**Helmet Detection And Number Plate Recognition Using Artificial Intelligence**" submitted by **Saurabh Waman , Vishal Jadhav , Abhishek Jagtap** is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (E&TC Engineering)**.



Prof. A. A. Trikonkar

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Place: Pune

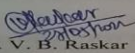
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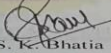
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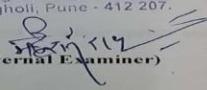


CERTIFICATE

This is to certify that the Project report entitled "**IOT Based Women Security: A Contemplation**" submitted by **Omkar Mane, Pooja Tulshi & Rutuja Kurkelli** is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication)**.


Mr. V. B. Raskar
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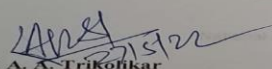
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Date:


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


CERTIFICATE

This is to certify that the Project entitled "IOT Based Air & Sound Pollution Monitoring System Using Raspberry Pi" submitted by Abhishek Ghongade, Tukaram Barure and Chandrashekhar Ambure is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (E&TC Engineering)**.


Prof. A. A. Trikonkar
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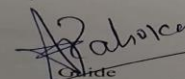
This is to certify that the Project Entitled


Human Fall Detection System

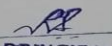
Submitted by

**Sujay Ashok Wagh
Shubham Shrikant Gawade
Nitish Kumar Singh**


is a record of bonafide work carried out by Students under the supervision of Dr. A.S. Deshpande and it is submitted towards the partial fulfillment of the requirement of **Bachelor of Engineering (Electronics & Telecommunication)**


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Date: 27/05/2022


(Manish K. Bhatnagar)

JSPM's Imperial College of Engineering & Research,
Wagholi Pune – 412207



CERTIFICATE

This is to certify that the Project entitled " Facial Recognition With Convolutional Neural Network for Driver " submitted by **Pratiksha Dhumal, Sujata Khedkar, Saurabh Shelke** is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication)**.

Dr. N. S. Labhade

Guide
Department of E&Tc

Dr. S. K. Bhatia

HEAD OF DEPARTMENT
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Wagholi, Pune - 412 207.

(External Examiner)

Dr. P. S. Bhande

PRINCIPAL
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Gat No.720, (1 & 2) Pune-Nagar Road,
Wagholi, Pune-412207,
Maharashtra

Place: Pune

Date: 27/05/2022

JSPM's Imperial College of Engineering & Research,
Wagholi Pune – 412207



CERTIFICATE

This is to certify that the Project Entitled
**PRECAUTION FOR COVID-19 BASED ON MASK
DETECTION AND SENSOR**

Submitted by,

**SHIBIN SIBI (B150513061)
GAYATRI JAMKAR (B150513029)
AISHWARYA JADHAV (B150513024)**

is a record of the bonafide work carried out by them, under my guidance, and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication)**.

Dr. S. K. Labhakar
Project Guide
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Gat No.720, (1 & 2) Pune-Nagar Road,
Wagholi, Pune-412207,
Maharashtra

Place: Pune

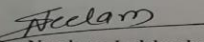
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**JSPM's Imperial College of Engineering & Research,
Wagholi Pune – 412207**

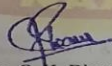


CERTIFICATE

This is to certify that the Project entitled "LPG Gas Leakage Detector Using GSM and Arduino with SMS Alert and It's Prevention" submitted by **Komal Bharat Pawar, Nikita Kailas Tathe, Pavan Dinkar Ghuge** is a record of the bonafide work carried out by her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication)**.

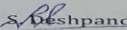

Dr. Neelam Labhade

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Dr. S. K. Bhatia

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Dr. R. S. Deshpande

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Maharashtra

Place: Pune

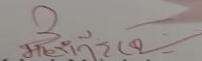
Date:

**JSPM's Imperial College of Engineering & Research,
Wagholi Pune – 412207**

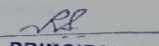


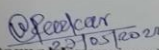
CERTIFICATE

This is to certify that the Project entitled "Early Detection of Parkinson's Disease Using Deep Learning and Machine Learning" submitted by **Tejas S Surve, Varad D Selukar, Tanay P Apotikar** is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication)**.


Dr. Mahesh Maindarkar
Guide
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Dr. S. K. Bhatia
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Maharashtra


(External Examiner)

Place: Pune

Date: 27-05-2022



CERTIFICATE

This is to certify that the project report entitled "RESCUE SYSTEM AGAINST OPEN DRAINAGE" submitted by

- 1) JYOTI RAMESH CHAVAN (B150513014)
- 2) DHANANJAY GOKUL SHINDE (B150513062)
- 3) SNEHAL DNYANESHWAR HEDA00 (B150513065)

is a record of the Bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree Bachelor of Engineering (Electronics & Telecommunication).

A. S. Deshpande
 Dr. A. S. Deshpande
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 Dr. S. K. Bhatia
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 Dr. A. S. Deshpande
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 Gat No.720, (1 & 2) Pune-Nagar Road,
 Wagholi, Pune-412207,
 Maharashtra

(External Examiner)

Mob
 (Manish Rathede)

Place: Pune
Date: 27/5/22



CERTIFICATE

This is to certify that the project report entitled "ROBOTIC TRASH BOAT" submitted by

- 1. SHRADHA VYANKATRAO BARURE [B150513011]
- 2. VAISHNAVI RAJENDRA BHAVSAR [B150513012]
- 3. VAISHNAVI SACCHIDANAND CHIKHALE [B150513015]

is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree Bachelor of Engineering (Electronics & Telecommunication).

V. B. Raskar
 PROF. V. B. RASKAR
 Project Guide
 Department of E&Tc

S. K. Bhatia
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 Head of Department
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A. S. Deshpande
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Manish Rathede
 (External Examiner)

Place: Pune
Date: