



**Guru Gobind Singh College of Engineering Nashik
Department of Computer Engineering**

**Academic Year 2022-23
Sem-II**

PBL Mini Project Report

Class: FE Computer

Title of Project:- Chatbox Song Recommender

Group Members:

Roll No.	Name
37	SARWASVI DESHMUKH
29	JANVI CHAURASIYA
32	GAURAV DALVI
24	SAPNA

RBC

[Signature]
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

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Guru Gobind Singh College of Engineering Nasik
Department of Computer Engineering

Academic Year 2022-23
Sem-II


PBL Mini Project Report

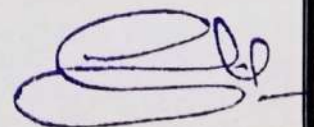
Class: FE Computer

Title of Project: The Shelter Shed

Group Members:

Roll.No	NAMES
06	Ayush Awasthi
11	Nayan Baisane
14	Ashutosh Bhagat
18	Aditya Bhillore
27	Sonu chaudhari


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Guru Gobind Singh College of Engineering Nashik
Department of Computer Engineering

Academic Year 2022-23
Sem-II

PBL Mini Project Report

Class: FE Computer

Title of Project:- Mobile Motor Controller

Group Members:

Roll No.	Name
03	Pratik Ahire
05	Harshal Avakale
07	Manish Ayer
09	Jayesh Badgujar
20	Saurabh Bhise

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RFC

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HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre, Nashik

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**Guru Gobind Singh College of Engineering,
Nashik - 422010**

Department of Computer Engineering

Academic Year: - 2022-23

PBL Project Report

Title of Project: - Daily Deals (A Personal Shopping Companion)

Group Members: -

Sr. No.	Name	Roll No.
1.	Abhay S. Dubey	46
2.	Akshay P. Hirpara	59
3.	Jay V. Jadhav	64

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Department of Basic Engineering Science
Guru Gobind Singh College of Engineering & Research Centre Nashik

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Guru Gobind Singh College of Engineering Nashik

Department of Computer Engineering Academic Year
2022-23


Sem-II PBL Mini Project Report

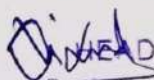
Class: FE Computer

Title of Project :- School and College security system using
face recognition

Group Members:

Roll No.	Name
61	TEJAL RATNAKAR JADHAV
62	NUTAN GANESH JADHAV
50	MONALI CHHABU GAIKWAD
45	VIJAY BABU DOIPHODE


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Guru Gobind Singh College of Engineering &
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**Guru Gobind Singh College of Engineering Nasik
Department of Computer Engineering**

Academic Year 2022-23

PBL Project Report

Title: Cloud Computing

Roll No.	Name
31	Harprakash Singh P. Chug

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[Signature]
H. O. HEAD
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Guru Gobind Singh College of Engineering &
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**GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

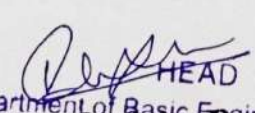
Certificate

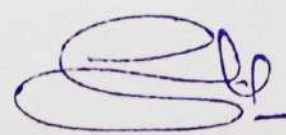
DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr./Miss Rohan Ghute
of Second Year Computer Engineering Div. : A Roll No.: 56 University
Examination Seat No. : has completed all the practical work/Term work in
Subject PBL satisfactorily in Department of Computer Engineering as prescribed by the
Savitribai Phule Pune University in the academic year 2022 – 2023


Practical In-charge

RRC


HEAD
Department of Basic Engineering Science
Head of the Department
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Principal



**Guru Gobind Singh College of Engineering Nashik
Department of Computer Engineering**

**Academic Year 2022-23
Sem-II**

PBL Mini Project Report

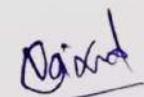
Class: FECO-A

Title of Project: Pettopia: One stop shop for Pet Information & Needs.

Group Members:

Roll No.	Name
17	Tanveer Singh Bhamra
19	Noman Bhimani


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Guru Gobind Singh College of Engineering & Research Centre, Nashik

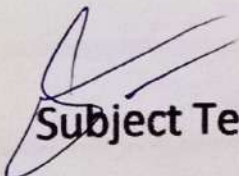


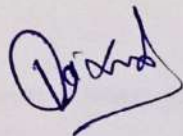
DEPARTMENT OF BASIC ENGINEERING SCIENCE


CERTIFICATE

This is to certify that Mr./Miss./Mrs. AGRAJA DOBHALE
.....Roll Number 52 of **First Year**
Civil/Computer/Electrical/Mechanical Engineering has
satisfactorily completed the project report in subject **Project**
Based Learning [110013] during the Academic year 2022-
2023.

Examination Seat Number F191200433.....


Subject Teacher


Head of Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Principle



**GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr./Miss Prasad Binasis

of Second Year Computer Engineering Div. : A Roll No.: 23 University

Examination Seat No. : has completed all the practical work/Term work in

Subject PBL satisfactorily in **Department of Computer Engineering** as prescribed by the

Savitribai Phule Pune University in the academic year 2022 – 2023

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Principal



Guru Gobind Singh College of Engineering Nasik
Department of Computer Engineering

Academic Year 2022-23
Sem-II

PBL Mini Project Report

Class: FE Computer

Title of Project: Medicine reminder android app

Group Members:

Roll No.	Name
39	Srushti Sharad Dhage
38	Madhusri Sameer Deshpande
41	Riya Shashikant Dhawale
36	Seyali Kiran Deshmukh

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Dr. S. D. Deshpande

Seyali Kiran Deshmukh

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**Guru Gobind Singh College of Engineering
Nashik**

Department of Computer Engineering

Academic Year 2022-23

Sem-II

PBL Mini Project Report

Class: FE Computer

**Title of Project:- Online Automatic Research
Paper Generation System**

Group Members:

Roll No.	Name
01	Sakshi Agale
12	Divya Barkale
21	Prapti Bidve
22	Pranjali Bidwe

Under the Guidance of
Ms. R. R. Chinchawdkar

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Guru Gobind Singh College of Engineering and Research Centre, Nashik

Department of Basic Engineering Science

Academic Year 2022-23

Sem-II

PBL Mini Project Report

Class: FE-A


Title of Project: (Report On Age And Gender Detection)

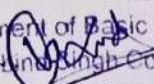
Group Members:

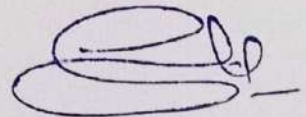
Roll No.	Name
15	BHUMIKA BHALEKAR
63	GUNJAN JADHAV
65	MAHESH JADHAV

HEAD

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HOD





Guru Gobind Singh College of Engineering Nashik
Department of Computer Engineering

Academic Year 2022-2023
Sem-II


PBL Mini project Report

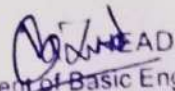
Class: FE A Computer

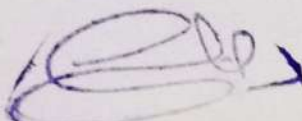
Title of Project: SONAR System Used in real life application

Group Members:

Roll No	Name
04	AARYA ASHTEKAR
10	ISHA BAGUL
13	CHETANA BENDALE
16	SAVARI BHAMARE


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Guru Gobind Singh College of Engineering Nasik
Department of Basic Engineering Science

Academic Year 2022-23
Sem-II

PBL Mini Project Report

Class: FE DIV B

Title of Project: Daily Expense Counter and Analyser

Group Members:

Roll No.	Name
45	Aaradhya Pathak
46	Sagar Patil
56	Roshan Pawara
60	Balmeet Singh

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Centre, Nashik**



DEPARTMENT OF BASIC ENGINEERING SCIENCE

CERTIFICATE

This is to certify that Mr. /Miss. / Mrs. Bhagyashri patil, Anurag patil, Ichushboo Prayapati, Tanuja Rayate
Roll Number of **First Year Civil/Computer/Electrical/Mechanical Engineering** has
satisfactorily completed the project report in the subject "**Project Based Learning
[110013]**" during the academic year **2022-23**

Examination Seat Number Div-B: Roll no: 48, 49, 59, 63

Subject Teacher

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Principal



**Guru Gobind Singh College of Engineering and Research
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Department of Basic Science Engineering

Academic Year 2022-23

Sem-II


PBL Mini Project Report

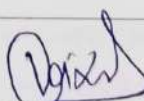
Class: FE DIV-B

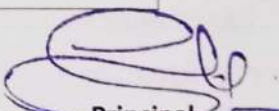
Title of Project: Weather Forecasting APP

Group Members:

Roll No.	Name
17	Samruddhi Khairnar
18	Mayur Khairnar
19	Saurav Khairnar
20	Hamiz Khan


Practical In-charge


Head of the Department


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Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

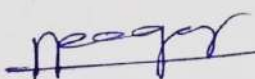
PBL Mini Project Report

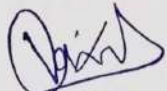
Class: FE DIV-B


Title of Project: library management System

Group Members:

Roll No.	Name
13	Shreya Karmarkar
14	Ninad Kawade
15	Fuleshwari Khada
16	Chetana Khairnar


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Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

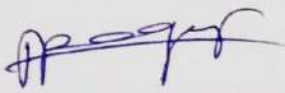
PBL Mini Project Report

Class: FE DIV-B


Title of Project: Android Quotes Application

Group Members:

Roll No.	Name
45	Aaradhya Pathak
46	Sagar Patil
47	Prapti Patil
48	Bhagyashri Patil


Practical In-charge


Head of the Department
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**Guru Gobind Singh College of Engineering and Research
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Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

PBL Mini Project Report


Class: FE DIV-B


Title of Project: Online Auction System

Group Members:

Roll No.	Name
41	Minakshi Parande
42	Parth Pardeshi
43	Nagesh Patel
44	Gaurav Patel


Practical In-charge


Head of the Department
HEAD


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Guru Gobind Singh College of Engineering &
Research Centre Nashik



**Guru Gobind Singh College of Engineering and Research
Centre, Nashik**

Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

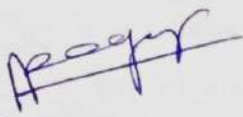
PBL Mini Project Report

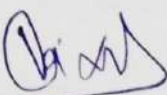
Class: FE DIV-B


Title of Project: Driverless car

Group Members:

Roll No.	Name
9	Dhananjay Kalgandhe
10	Swayam Kamble
11	Omkar Kankate
12	Mangesh Kariappa


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Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

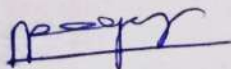
PBL Mini Project Report

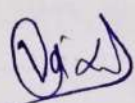
Class: FE DIV-B

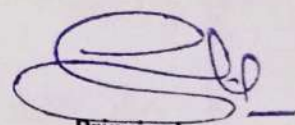
Title of Project: College management system

Group Members:

Roll No.	Name
5	Vinayak Kadam
6	Akshay Kadam
7	Abhijeet Kakade
8	Ayush Kale


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Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

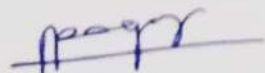
PBL Mini Project Report

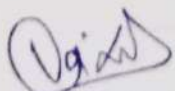
Class: FE DIV-B

Title of Project: Cloud computing

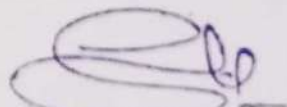
Group Members:

Roll No.	Name
1	Yashika Jashnani
2	Dhanashree Jejurkar
3	Yash Jondhale
4	Payal Jorwar


Practical In-charge


Head of the Department
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Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Principal



ESTD. : 2013

**Guru Gobind Singh College of Engineering and Research
Centre, Nashik**

Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

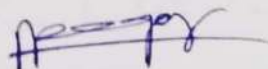
PBL Mini Project Report

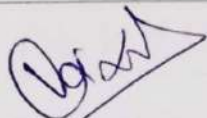
Class: FE DIV-B

Title of Project: Virtual Private Network

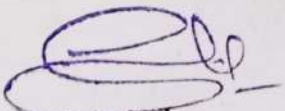
Group Members:

Roll No.	Name
25	Nandini Kute
26	Prathmesh Lohar
27	Parag Mahajan
28	Rohit Mandwade


Practical In-charge


Head of the Department
HEAD

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Guru Gobind Singh College of Engineering &
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**Guru Gobind Singh College of Engineering and Research
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Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

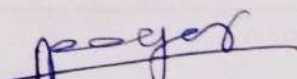
PBL Mini Project Report

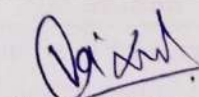
Class: FE DIV-B

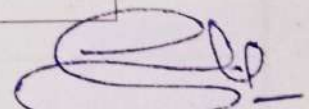
Title of Project: Optical Character Recognition System (OCR)

Group Members:

Roll No.	Name
21	Pratik Khare
22	Adhiraj Korde
23	Anisha Kshirsagar
24	Nimesh Kulkarni


Practical In-charge


Head of the Department
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Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
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Guru Gobind Singh College of Engineering and Research Centre, Nashik

Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

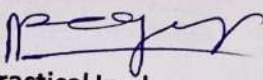
PBL Mini Project Report

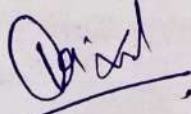
Class: FE DIV-B


Title of Project: Online eBook Maker

Group Members:

Roll No.	Name
49	Rutuja Patil
50	Vivek Patil
51	Harshal Patil
52	Lavanya Patil


Practical In-charge


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Guru Gobind Singh College of Engineering &
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Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

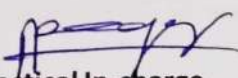
PBL Mini Project Report

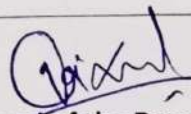
Class: FE DIV-B

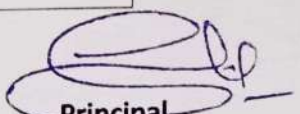
Title of Project: e-Authentication System

Group Members:

Roll No.	Name
29	Pawan Marathe
30	Sairaj Matsagar
31	Aditya More
32	Dnyaneshwar Mule


Practical In-charge


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Guru Gobind Singh College of Engineering &
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**Guru Gobind Singh College of Engineering and Research
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Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

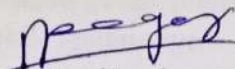
PBL Mini Project Report

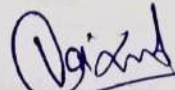
Class: FE DIV-B

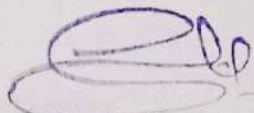
Title of Project: Android Battery Saver System

Group Members:

Roll No.	Name
53	Parth Patil
54	Bhavesh Patil
55	Pratiksha Patil
56	Roshan Pawara


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Department of Basic Science Engineering

Academic Year 2022-23

Sem-II


PBL Mini Project Report

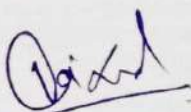
Class: FE DIV-B


Title of Project: Election Analysis

Group Members:

Roll No.	Name
62	Gopal Rathod
63	Tanuja Rayate
64	Dhruv Rokade
65	Vinay Salunke
66	Jesspreetsingh Saundh


Practical In-charge


Head of the Department


Principal

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Research Centre Nashik



ESTD. : 2013

Guru Gobind Singh College of Engineering and Research Centre, Nashik

Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

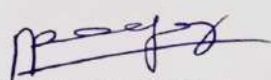
PBL Mini Project Report


Class: FE DIV-B


Title of Project: Restaurant Booking Website

Group Members:

Roll No.	Name
57	Bhavik Pipare
58	Gayatri Potdar
59	Khushboo Prajapati
60	Balmeet Singh Ramgadla
61	Aditya Rane


Practical In-charge


Head of the Department


Principal

HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik



ESTD. : 2013

**Guru Gobind Singh College of Engineering and Research
Centre, Nashik**

Department of Basic Science Engineering

Academic Year 2022-23

Sem-II

PBL Mini Project Report

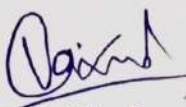
Class: FE DIV-B

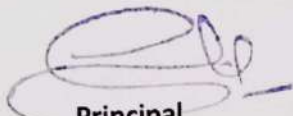
Title of Project: Face Detection

Group Members:

Roll No.	Name
37	Sahil Pagar
38	Sanskriti Pagar
39	Sarthak Palde
40	Krishna Pangarkar


Practical In-charge


Head of the Department


Principal

HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik



Guru Gobind Singh College of Engineering Nashik
Department of Computer Engineering

Academic Year 2022-23
Sem-II

PBL Mini Project Report
Class: FE-C

Title of Project: **FOOD QUALITY MONITORING SYSTEM**

Group Members:

Roll no.	Name
08	Om Sahebrao Shelke
13	Om Sahebrao Shinde
22	Siddharth Avinash Sonawane



ESTD. : 2013

**GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: om sahebrao shinde

Of First Year Engineering Div.: C Roll No.: 13

University Examination Seat No. F191200404 has completed all the practical work in Subject: **Project Based Learning** Satisfactorily in Department of Basic Engineering Science as prescribed by the Savitribai Phule Pune University in the academic year 2022 – 2023.

Ham

Practical In-charge

David
HEAD

Department of Basic Engineering Science
Head of the Department
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



Guru Gobind Singh College of Engineering Nashik
Department of Computer Engineering

Academic Year 2022-23
Sem-II

PBL Mini Project Report
Class: FE-C

Title of Project: FOOD QUALITY MONITORING SYSTEM

Group Members:

Roll no.	Name
08	Om Sahebrao Shelke
13	Om Sahebrao Shinde
22	Siddharth Avinash Sonawane



Guru Gobind Singh College of Engineering Nasik
Department of Basic Engineering of Science

Academic Year 2022-23
Sem-II

PBL Mini Project Report

Class: FE Div C

Title of Project: Self Driving Cars

Group Members:

Roll No.	Name
11	Virendra Shinde
14	Sujal Shinde
20	Yash Sonawane



ESTD. : 2013

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GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: yash. m. sonawane
Of First Year Engineering Div.: C Roll No.: 20
University Examination Seat No. F-191200434 has completed all the practical
work in Subject: **Project Based Learning** Satisfactorily in **Department of Basic
Engineering Science** as prescribed by the **Savitribai Phule Pune University** in the
academic year 2022 - 2023.

Ham
Practical In-charge

Qant
HEAD
Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



GURU GOBIND SINGH FOUNDATION'S
**GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
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Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Sujeel Shinde
Of First Year Engineering Div.: C Roll No.: 14
University Examination Seat No. E191200411 has completed all the practical
work in Subject: **Project Based Learning** Satisfactorily in **Department of Basic
Engineering Science** as prescribed by the **Savitribai Phule Pune University** in the
academic year 2022 – 2023.

Fam
Practical In-charge

[Signature]
HEAD
Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

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Principal



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GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that ~~Mr~~/Ms: Shaiikh Saniya Munir

Of First Year Engineering Div.: C


Roll No.: 013


University Examination Seat No. 191200369 has completed all the practical


work in Subject: **Project Based Learning - I** Satisfactorily in Department of Basic

Engineering Science as prescribed by the Savitribai Phule Pune University in the

academic year 2022 – 2023.


Practical In-charge


Department of Basic Engineering Science
Guru Gobind Singh College of Engineering & Research Centre
Head of the Department
Nashik


Principal



GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: SHRAVANI . VINOD . SHINDE

Of First Year Engineering Div.: C

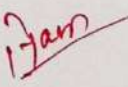
Roll No.: 10


University Examination Seat No. F191200409 has completed all the practical


work in Subject: **Project Based Learning - I** Satisfactorily in **Department of Basic**

Engineering Science as prescribed by the **Savitribai Phule Pune University** in the

academic year 2022 – 2023.


Practical In-charge


HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Principal



GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: MANAS . G. SHINDE
Of First Year Engineering Div.: B Roll No.: 15
University Examination Seat No. F191200402 has completed all the practical
work in Subject: **Project Based Learning - I** Satisfactorily in Department of Basic
Engineering Science as prescribed by the Savitribai Phule Pune University in the
academic year 2022 – 2023.

Aam
Practical In-charge

[Signature]
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Shaikh Ashin.

Of First Year Engineering Div.: C

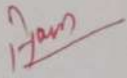
Roll No.: 05

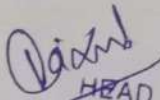
University Examination Seat No. F191200385 has completed all the practical

work in Subject: *Project Based Learning - I* Satisfactorily in Department of Basic

Engineering Science as prescribed by the Savitribai Phule Pune University in the

academic year 2022 – 2023.


Practical In-charge


HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
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Principal



**Guru Gobind Singh College Of Engineering Nashik
Department Of Computer Engineering**

Academic Year 2022-23
Sem-II

PBL-I Mini Project Report

Class :-FE Div :-C

Title :- Currency Detector for Visually Impaired

Group members :

Roll No.	Name
47	Atharva Godse
48	Nikhil Jadhav
62	Ritik Patil



ESTD. : 2013

GURU GOBIND SINGH FOUNDATION'S
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RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Nikhil Jadhav

Of First Year Engineering Div.: C

Roll No.: 48

University Examination Seat No. FI91200001 has completed all the practical work in Subject: *Project Based Learning - I* Satisfactorily in Department of Basic Engineering Science as prescribed by the Savitribai Phule Pune University in the academic year 2022 – 2023.

Practical In-charge

Practical In-charge

Head of the Department

HEAD
of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Principal

Principal



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GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
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Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: RIHK R. PAH
Of First Year Engineering Div.: C Roll No.: 62
University Examination Seat No. 19120032 has completed all the practical
work in Subject: Project Based Learning - I Satisfactorily in Department of Basic
Engineering Science as prescribed by the Savitribai Phule Pune University in the
academic year 2022 - 2023.

Practical In-charge

Head of the Department
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Principal
Principal



ESTD. : 2013

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GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
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Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Atharva Grodse.
Of First Year Engineering Div.: C Roll No.: 47
University Examination Seat No. F191200128 has completed all the practical
work in Subject: Project Based Learning - I Satisfactorily in Department of Basic
Engineering Science as prescribed by the Savitribai Phule Pune University in the
academic year 2022 – 2023.

17am
Practical In-charge

[Signature]
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik
Head of Department

[Signature]
Principal



Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr / Miss :

Maitreya M. Sukhatme

Of First Year Div. C Roll No. : 24

University Examination Seat No. : 191200436 has completed all

the practical work/Term work in Subject PBL

satisfactorily in **Department of Computer Engineering** as

prescribed by the Savitri Bai Pune University in the academic

year 2022-2023

Pam
Practical In-charge

Dishant
HEAD
Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that ~~Mr~~ / Miss :

Sauika Wadnerkar

Of First Year Div. C Roll No. : 34

University Examination Seat No. : F191200472 has completed all
the practical work/Term work in Subject PBL

satisfactorily in **Department of Computer Engineering** as

prescribed by the SavitriBai Pune University in the academic

year 2022-2023

Pran
Practical In-charge

Pran
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Pran
Principal



Guru Gobind Singh College of Engineering Nasik
Department of Basic Engineering Science

Academic Year 2022-23
Sem-II

PBL Mini Project Report

Class: FE Div - C

Title of Project: Promoting Fallen Startups

Group Members:

Roll No.	Name
1	Gaurav Savant
7	Faizan Shaikh
12	Bhushan Shinde
19	Samruddha Sonawane



ESTD. : 2013

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**GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
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Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms:

SAMRUDDHA NANAJI SONAWANE

Of First Year Engineering Div.: C

Roll No.: 19

University Examination Seat No. F191200430 has completed all the

practical work in Subject: Project Based Learning Satisfactorily in

Department of Basic Engineering Science as prescribed by the

Savitribai Phule Pune University in the academic year 2022 – 2023

Sam
Practical In-charge

Richard
HEAD
Department of Basic Engineering Science
Head of the Department
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



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GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
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Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms:

Shaikh Faizan Rizwan

Of First Year Engineering Div.: C

Roll No.: 07

University Examination Seat No. FL91200587 has completed all the

practical work in Subject: **Project Based Learning** Satisfactorily in

Department of Basic Engineering Science as prescribed by the

Savitribai Phule Pune University in the academic year 2022 – 2023

Jan
Practical In-charge

Chitanshu
HEAD
Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



Guru Gobind Singh College of Engineering Nasik
Department of Computer Engineering

Academic Year 2022-2023

Sem-II

PBL Mini project Report

Class: FE Computer

Title of Project: SONAR System Used in real life application

Group Members:

Roll No	Name
29	Tangadkar Disha Nitin
30	Thoke Mayuri Kisan
31	Todkar Vedanti Atul
32	Vanjari Neha Padmakar
38	Zuting Gayatri Keshav



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Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that ~~Mr./Miss~~ Gayatri Keshav Zuting
of first Year Computer Engineering Div. : C Roll No.: 38 University
Examination Seat No. : F191200491 has completed all the practical work/Term
work in Subject PBL satisfactorily in Department of
Computer Engineering as prescribed by the Savitribai Phule Pune University in the
academic year

2022 - 2023

Ham

Practical In-charge

Diwya

HEAD

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]

Principal



GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING AND
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Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr./Miss Neha Padmakar Vanjari
of first Year Computer Engineering Div. : C Roll No.: 32 University
Examination Seat No. : F191200466 has completed all the practical work/Term
work in Subject PBI satisfactorily in Department of
Computer Engineering as prescribed by the Savitribai Phule Pune University in the
academic year

2022 - 2023

Pam
Practical In-charge

D. K. K. K.
Department of Basic Engineering Science
Head of the Department
Guru Gobind Singh College of Engineering &
Research Centre Nashik

S. S. S.
Principal



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GURU GOBIND SINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr./Miss Tangadkar Disha Nitin
of first Year Computer Engineering Div. : C Roll No.: 29 University
Examination Seat No. F191200447 has completed all the practical work/Term
work in Subject PBL satisfactorily in Department of
Computer Engineering as prescribed by the Savitribai Phule Pune University in the
academic year

2022 - 2023

1.7am
Practical In-charge

D. K. Kulkarni
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

S. P.
Principal



GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr./Miss Mayusi Kisan Thoke
of first Year Computer Engineering Div. : C Roll No.: 30 University
Examination Seat No. : F191200451 has completed all the practical work/Term
work in Subject PBL satisfactorily in Department of
Computer Engineering as prescribed by the Savitribai Phule Pune University in the
academic year

2022 - 2023

Harsh
Practical In-charge

Chand
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr./Miss Vedanti Atul Jodkar
of first Year Computer Engineering Div. : C Roll No.: 31 University
Examination Seat No. : F191200455 has completed all the practical work/Term
work in Subject PBL satisfactorily in Department of
Computer Engineering as prescribed by the Savitribai Phule Pune University in the
academic year

2022 - 2023

Dam
Practical In-charge

Dishant
HEAD
Department of Basic Engineering Science
Head of the Department
Guru Gobind Singh College of Engineering &
Research Centre Nashik

S.P.
Principal



Guru Gobind Singh College of Engineering and
Research Centre , Nashik.

Academic Year 2022-23

Sem - II

PBL MINI PROJECT REPORT

Class : FE

Group members :

Roll No.	Name
53	Razifa Khalik
65	Dipali porje



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GURU GOBIND SINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr./Miss Dipali Sanjay Porje
of first Year Computer Engineering Div. : C Roll No.: 65 University
Examination Seat No. : F191200342 has completed all the practical work/Term work
in Subject PBL-1 satisfactorily in Department of Computer
Engineering as prescribed by the Savitribai Phule Pune University in the academic year
2022 – 2023

Pram
Practical In-charge

Pram
HEAD
Department of the Department
of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Pram
Principal



Guru Gobind Singh College of Engineering Nasik
Department of Basic Engineering of Science

Academic Year 2022-23
Sem-II

PBL Mini Project Report

Class: FE Div C

Title of Project: Banking Bot Project

Guided By: Miss. Nilam Deashmukh

GROUP MEMBERS :

SR.No	STUDENT NAME	ROLL.NO
1.	PRANALI WAKCHAURE	36
2.	RUTUJA SAHANE	66



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GURU GOBIND SINGH COLLEGE OF ENGINEERING AND
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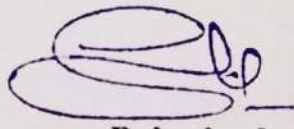
DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr./Miss Pranali Anil Wakchaur of
First Year Computer Engineering Div. : C Roll No.: 36 University
Examination Seat No. : F191200477 has completed all the practical work/Term work in
Subject PBL satisfactorily in Department of Computer Engineering as prescribed by the
Savitribai Phule Pune University in the academic year 2022 – 2023

17am
Practical In-charge


Head of the Department
HEAD

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Principal



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DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr./Miss Rutuja Rajaram sahare of
First Year Computer Engineering Div. : C Roll No.: 66 University
Examination Seat No. : F191200361 has completed all the practical work/Term work in
Subject PBL satisfactorily in Department of Computer Engineering as prescribed by the
Savitribai Phule Pune University in the academic year 2022 – 2023

Ham

Practical In-charge

Head
HEAD

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering
Head of the Department
Research Centre Nashik

Principal

Principal



Guru Gobind Singh College of Engineering Nasik
Department of Computer Engineering

Academic Year 2022-23
Sem-II

PBL Mini Project Report

Class: FE C

Title of Project:- Mobile Motor Controller

Group Members:

Roll No.	Name
41	KAUSHAL AMRUTKAR
35	SUDARSHAN WAGH
37	SARANG YERNE



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**GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms:

Saizang. A. yeane

Of First Year Engineering Div.:

C

Roll No.: *37*

University Examination Seat No.

FA1200488

has completed all the

practical work in **Subject: Project Based Learning** Satisfactorily in

Department of Basic Engineering Science as prescribed by the

Savitribai Phule Pune University in the academic year 2022 – 2023

[Signature]

Practical In-charge

[Signature]

HEAD

**Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik**

[Signature]

Principal



GURU GOBIND SINGH FOUNDATION'S
**GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms:

Sudanshan S. Wagh

Of First Year Engineering Div.: C

Roll No.: 35

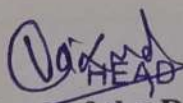
University Examination Seat No. F191200475 has completed all the

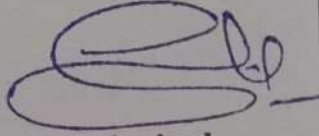
practical work in **Subject: Project Based Learning** Satisfactorily in

Department of Basic Engineering Science as prescribed by the

Savitribai Phule Pune University in the academic year 2022 – 2023


Practical In-charge


Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Principal



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RESEARCH CENTRE, NASHIK**

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DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms:

Kaushal Manesh Amrutkar.....

Of First Year Engineering Div.: C

Roll No.: 41

University Examination Seat No. F191200013.....*has completed all the*

practical work in Subject: Project Based Learning Satisfactorily in

Department of Basic Engineering Science as prescribed by the

Savitribai Phule Pune University in the academic year 2022 – 2023

Han
Practical In-charge

Vijay
Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



**Guru Gobind Singh College of Engineering Nasik
Department of Basic Engineering of Science**

**Academic Year 2022-23
Sem-II**

PBL Mini Project Report

Class: FE Div C

Title of Project: Real Solution for fake News

Group Members:

Roll No.	Name
25	Sachin Rajendra Suryawanshi
33	Prasmit Paras Vasave
43	Siddesh Bhaskar Dense
44	Lalit Suresh Dhanray



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GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Sachin Rajendra Suryawanshi
Of First Year Engineering Div.: C Roll No.: 25
University Examination Seat No. E191200444 has completed all the practical
work in Subject: *Project Based Learning Satisfactorily in Department of Basic
Engineering Science as prescribed by the Savitribai Phule Pune University in the
academic year 2022 – 2023.*

Pran
Practical In-charge

Pran
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering & Research Centre
Research Centre Nashik

Pran
Principal



**GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Siddesh Bhaskar Demse

Of First Year Engineering Div.: C

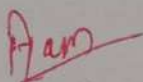
Roll No.: 43

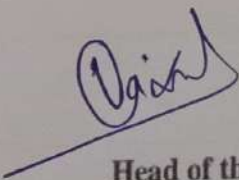
University Examination Seat No. F191200075 has completed all the practical

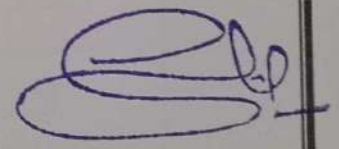
work in Subject: *Project Based Learning* Satisfactorily in Department of Basic

Engineering Science as prescribed by the Savitribai Phule Pune University in the

academic year 2022 – 2023.


Practical In-charge


Head of the Department
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Principal



**GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Prasmit Paras vagave

Of First Year Engineering Div.: C

Roll No.: 33

University Examination Seat No. 191206467 has completed all the practical

work in Subject: **Project Based Learning** Satisfactorily in Department of Basic
Engineering Science as prescribed by the Savitribai Phule Pune University in the
academic year 2022 – 2023.

Prasmit
Practical In-charge

Prasmit
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



**GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Lalit Suresh Dhanray

Of First Year Engineering Div.: C

Roll No.: 44

University Examination Seat No. F191200085 has completed all the practical work in Subject: **Project Based Learning** Satisfactorily in Department of Basic Engineering Science as prescribed by the Savitribai Phule Pune University in the academic year 2022 – 2023.

Am

Practical In-charge

Dixit

HEAD
Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]

Principal



Guru Gobind Singh College of Engineering Nasik
Department of Basic Engineering Science
Academic Year 2022-23

Sem-II

PBL Mini Project Report

Class: FE Div - C

Title of Project:

ONLINE COMPLAINT MANAGEMENT SYSTEM

Group Members:

Roll No.	Name
23	OM SONAWANE
26	PRATHAMESH SURYAWANSHI
28	VEDANT TANDALE
40	YADNYWALKY AGASTE



**GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Yadnywalky Abhay Agate
Of First Year Engineering Div.: C Roll No.: 40
University' Examination Seat No. F191200004 has completed all the practical
work in **Subject Project Based Learning -1 Satisfactorily** in Department of Basic
Engineering Science as prescribed by the **Savitribai Phule Pune University'** in the
academic year 2022 - 2023.

17 am
Practical In-charge

[Signature]
Head of the Department
HEAD

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



**GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms. Om Rajendra Sonawane

Of First Year Engineering Div.: C Roll No.: 23

University' Examination Seat No. F191200427 has completed all the practical work in Subject Project Based Learning -1 Satisfactorily in Department of Basic Engineering Science as prescribed by the Savitribai Phule Pune L niversity' in the academic year 2022 -2023.

Practical In-charge

HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Principal



**GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Vedant Tandale

Of First Year Engineering Div.: C Roll No.: 29

University' Examination Seat No. F191200466 has completed all the practical work in **Subject Project Based Learning -1 Satisfactorily** in **Department of Basic Engineering Science** as prescribed by the **Savitribai Phule Pune University** in the academic year **2022 - 2023**.

17 am
Practical In-charge

[Signature]
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



**GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

*This is certify that Mr/Ms: Prathmesh baly Suryawanshi
Of First Year Engineering Div.: C Roll No.: 26
University' Examination Seat No. F191200443 has completed all the practical
work in Subject Project Based Learning -1 Satisfactorily in Department of Basic
Engineering Science as prescribed by the Savitribai Phule Pune L niversity' in the
academic year 2022 - 2023.*

17/07/23
Practical In-charge

[Signature]
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



Guru Gobind Singh College of Engineering Nasik
Department of Basic Engineering Science
Academic Year 2022-23
Sem-II
PBL Mini Project Report
Class: FE Div - C

Title of Project: Credit Card Fraud Detection Group
Members:

Roll No.	Name
46	Hitesh Sanjaysingh Girase
55	Soham Kiran Kulkarni
56	Dipak Shantaram Lohar
57	Abizer Mustansir Lunawadawala



GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Abizer Mustansir Lunawadawala
Of First Year Engineering Div.: C Roll No.: 57
University Examination Seat No. F191200231 has completed all the practical
work in Subject: **Project Based Learning** Satisfactorily in Department of Basic
Engineering Science as prescribed by the Savitribai Phule Pune University in the
academic year 2022 – 2023.

Pran

Practical In-charge

Chakradhar

HEAD

Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]

Principal



GURU GOBIND SINGH FOUNDATION'S
**GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Soham Kulkarni

Of First Year Engineering Div.: C

Roll No.: 55

University Examination Seat No. F191200214 has completed all the practical work in Subject: **Project Based Learning Satisfactorily in Department of Basic Engineering Science** as prescribed by the **Savitribai Phule Pune University** in the academic year 2022 – 2023.

17/04/23
Practical In-charge

[Signature]
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



ESTD. : 2013

GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Dipak Shantaram Lohar

Of First Year Engineering Div.: C Roll No.: 56

University Examination Seat No. F191200229 has completed all the practical work in Subject: Project Based Learning Satisfactorily in Department of Basic Engineering Science as prescribed by the Savitribai Phule Pune University in the academic year 2022 – 2023.

ijam
Practical In-charge

Dipak
HEAD
Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



ESTD. : 2013

GURU GOBIND SINGH FOUNDATION'S
**GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

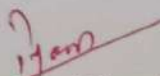
DEPARTMENT OF BASIC ENGINEERING SCIENCE

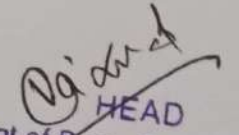
This is certify that Mr/Ms: Hitesh Sanjaysing Girase.

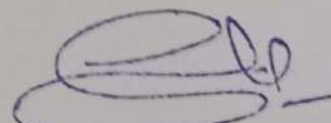
Of First Year Engineering Div.: C

Roll No.: 46

University Examination Seat No. F19120 0125 has completed all the practical work in Subject: *Project Based Learning* Satisfactorily in Department of Basic Engineering Science as prescribed by the Savitribai Phule Pune University in the academic year 2022 – 2023.


Practical In-charge


HEAD
Department of Basic Engineering Science
Head of the Department
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Principal



ESTD. : 2013

GI RV GOBIND SINGH FOUNDA TION'S

GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: VEDANT BALASAHEB JADHAV

Of First Year Engineering Div.: C Roll No.: 49

University' Examination Seat No. 191200159 has completed all the practical

work in Subject Project Based Learning -1 Satisfactorily in Department of Basic

Engineering Science as prescribed by the Savitribai Phule Pune L niversity' in the

academic year 2022 - 2023.

Practical In-charge

HEAD

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Principal



ESTD. : 2013

GURU GOBIND SINGH FOUNDATION'S

**GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: **GAUTAM KAILASH MHETRE**

Of First Year Engineering Div. (Roll No.: **59**)

University' Examination Seat No. **F197200261** has completed all the practical

work in **Subject Project Based Learning -1 Satisfactorily in Department of Basic**

Engineering Science as prescribed by the Savitribai Phule Pune L niversity' in the

academic year 2022 -2023.

17am

Practical In-charge

HEAD

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Principal



Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr/ Miss :

Sanjana P. Kulkarni

Of First Year Div. C Roll No. : 54

University Examination Seat No. : H91200213 has completed all

the practical work/Term work in Subject PBL

satisfactorily in **Department of Computer Engineering** as

prescribed by the SavitriBai Pune University in the academic

year 2022-2023

Pran
Practical In-charge

D. D. D. D.
HEAD
Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr / Miss :

Jasleen Kaur Palaya

Of First Year Div. C Roll No. : 61

University Examination Seat No. : FI91200287 has completed all

the practical work/Term work in Subject PBL

satisfactorily in **Department of Computer Engineering** as

prescribed by the SavitriBai Pune University in the academic

year 2022-2023

Pran
Practical In-charge

Devidas
HEAD
Head of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]
Principal



Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr / Miss :

Shrawani Adhik Pisal

Of First Year Div. C Roll No. : 64

University Examination Seat No. : FI1912003401 has completed all
the practical work/Term work in Subject PBI

satisfactorily in **Department of Computer Engineering** as

prescribed by the Savitri Bai Pune University in the academic
year 2022-2023

Pisal
Practical In-charge

Adhik
HEAD
Department of Basic Engineering & Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Pisal
Principal



Guru Gobind Singh College Of Engineering Nashik
Department Of Computer Engineering

Academic Year 2021-22
Sem-II

PBL-I Mini Project Report

Class :-FE Div :-C

Title :-Artificial Intelligence In Healthcare

Group members :

Roll No.	Name
50	Ashish Jagzap
52	Shubham Khairnar
45	Sachin Gaikwad
63	Dhruv Patil



GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: *Wheuv. Rasindea Patil*

Of First Year Engineering Div.: *C Roll No. 63*

University Examination Seat No. *191200306* has completed all the
practical

work in Subject: *Project Based Learning - I* Satisfactorily in Department of

Basic Engineering Science as prescribed by the Savitribai Phule Pune

University in the

academic year 2022 - 2023.

Pran
Practical In-
charge

Pran
Head of the
Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Pran
Principal



**Guru Gobind Singh College of Engineering Nasik
Department of Computer Engineering**

**Academic Year: 2022-23
Sem-II**

PBL Mini Project Report

Class: FIRST YEAR - C-1

Title of Project: Self Driving cars

Group Members:

Roll No.	Name
20	SONAWANE YASH
14	SHINDE SUJAL
11	SHINDE VIRENDRA



**GURU GOBIND SINGH FOUNDATION'S
GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms: Shinde Virendra Sunil

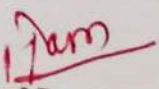
Of First Year Engineering Div.: C Roll No.: 11

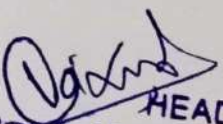
University Examination Seat No. F191200412 has completed all the practical

work in Subject: **Project Based Learning** Satisfactorily in Department of Basic

Engineering Science as prescribed by the Savitribai Phule Pune University in the

academic year 2022 – 2023.


Practical In-charge


HEAD
Department of Basic Engineering Science
Head of the Department
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Principal



Guru Gobind Singh College of Engineering Nasik
Department of Computer Engineering

Academic Year 2021-22
Sem-II

PBL Mini Project Report

Class: FE Computer

Title of Project: Virtual ATM Machine

Group Members:

Roll No.	Name
09	Vaishnavi Rakesh Shewale
16	Trunali Dipak Shirode
17	Maitree Yogesh Shirsath
21	Sejal Rajendra Sonawane



ESTD. : 2013

**GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF COMPUTER ENGINEERING

This is certify that Mr./Miss Sejai Rajendra Sonawane of

First Year Computer Engineering Div. : C Roll No.: 21 University

Examination Seat No. : F191200431 has completed all the practical work/Term work in

Subject PBL -----satisfactorily in Department of Computer Engineering as prescribed by the

Savitribai Phule Pune University in the academic year 2022 - 2023

Jams

Practical In-charge

[Signature]

HEAD of the Department
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

[Signature]

Principal



Guru Gobind Singh College of Engineering Nasik
Department of Basic Engineering Science

Academic Year 2022-23
Sem-II

PBL Mini Project Report

Class: FE Div - C

Title of Project: Promoting Fallen Startups

Group Members:

Roll No.	Name
1	Gaurav Savant
7	Faizan Shaikh
12	Bhushan Shinde
19	Samruddha Sonawane



GURU GOBIND SINGH FOUNDATION'S
**GURU GOBINDSINGH COLLEGE OF ENGINEERING AND
RESEARCH CENTRE, NASHIK**

Certificate

DEPARTMENT OF BASIC ENGINEERING SCIENCE

This is certify that Mr/Ms:

..... *Gaurav Nivrutti Savant*

Of First Year Engineering Div.: C

Roll No.: 01

University Examination Seat No. F191200374 has completed all the

practical work in Subject: Project Based Learning Satisfactorily in

Department of Basic Engineering Science as prescribed by the

Savitribai Phule Pune University in the academic year 2022 – 2023

17/01/2023

Practical In-charge

[Signature]
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering & Research Centre Nashik

[Signature]
Principal



**Guru Gobind Singh College of Engineering and
Research Centre, Nashik**

Department of Basic Engineering Science

Academic Year 2022-23

Sem-II

PBL Mini Project Report

Class: FE-D

Title of Project: (Report On Age And Gender Detection)

Group Members:

Roll No.	Name
01	Varad Satarkar
03	Aatif Shaikh
05	Krushna Sonawane
06	Pranav Suryawanshi



Guru Gobind Singh Foundation's

Guru Gobind Singh College of Engineering and Research Centre, Nashik

Certificate

This is to certify that Mr./Mrs. Atif Zghur Shgikh
Of the (first/second/third/final)
year Engineering with roll no. 03 has completed the
practical work in (Lab) P.B.L satisfactorily
as prescribed by University of Pune.

Exam. Seat No. : F191200383

Academic year 2022 - 2023

Place : Nashik

Date : 6/7/2023

Faculty In-charge

Head of Department

Principal

HEAD
Department of Basic Engineering & Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik





**Guru Gobind Singh College of Engineering and
Research Centre, Nashik**

Department of Basic Engineering Science

Academic Year 2022-23

Sem-II

PBL Mini Project Report

Class: FE-D

Title of Project: (Report On Age And Gender Detection)

Group Members:

Roll No.	Name
01	Varad Satarkar
03	Aatif Shaikh
05	Krushna Sonawane
06	Pranav Suryawanshi



Guru Gobind Singh Foundation's

Guru Gobind Singh College of Engineering and Research Centre, Nashik

Certificate

This is to certify that Mr./Ms. Satarkar Varad Mangesh

..... Of the (first/second/third/final)

year Engineering with roll no. 01 has completed the

practical work in (Lab) P.B.L satisfactorily

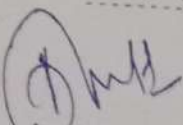
as prescribed by University of Pune.

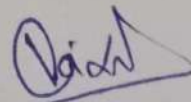
Exam. Seat No. : F171200370

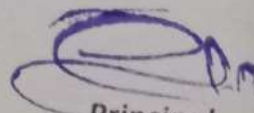
Academic year 2022 - 2023

Place : Nashik

Date : 6/7/2023


Faculty In-charge


Head of Department


Principal

HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik



**Guru Gobind Singh College of Engineering
and Research Centre, Nashik**

Department of Computer

Engineering Academic Year 2022-

23

Sem-II

**PBL Mini Project
Report**

Class: FE AI DS Div D

Title of Project: *Personality Prediction via CV
Analysis*

Group Members:

1. Laviza Sayyed (Rollno 2)
2. Suarabh Shinde (Rollno 4)
3. Saurabh Vaidya (Rollno 7)
4. Tanmay Ware (Rollno 08)



Guru Gobind Singh Foundation's

Guru Gobind Singh College of Engineering and Research Centre, Nashik

Certificate

This is to certify that Mr./Ms. Tanmay .A. Ware.
..... Of the (first/second/third/final)
year Engineering with roll no. 08 has completed the
practical work in (Lab) PBL satisfactorily
as prescribed by University of Pune.

Exam. Seat No. : F191200480

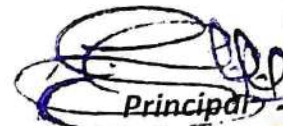
Academic year 20 22 - 20 23

Place : Nashik

Date :


Faculty In-charge


Head of Department


Principal

HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik



Guru Gobind Singh Foundation's

Guru Gobind Singh College of Engineering and Research Centre, Nashik

Certificate

This is to certify that Mr./Mrs. Saurabh Ashok Shinde

..... Of the (first/second/third/final)

year Engineering with roll no. 4 has completed the

practical work in (Lab) PBL satisfactorily

as prescribed by University of Pune.

Exam. Seat No. : F19200408


Academic year 2022 - 2023

Place : Nashik

Date : 13-11-23


Faculty In-charge


Head of Department
HEAD


Principal

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik



Guru Gobind Singh Foundation's

Guru Gobind Singh College of Engineering and Research Centre, Nashik

Certificate

This is to certify that Mr./Ms. Saurabh Santosh
Vaidya Of the (first/second/third/final)
year Engineering with roll no. 07 has completed the
practical work in (Lab) PBL satisfactorily
as prescribed by University of Pune.

Exam. Seat No. : F191200463


Academic year 2022 - 2023

Place : Nashik

Date : 13-7-23


Faculty in-charge


Head of Department


Principal

HEAD
Department of Basic Engineering Science
Guru G... College of Engineering &
Centre Nashik

Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

1. Madiha Shaikh
2. Bhavana Salunke
3. Tuba Sayyad
4. Aditi Pachore
5. Siddhi Thakare

The project is approved for submission towards partial fulfillment for the award of the of FE

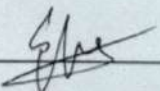

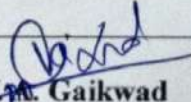
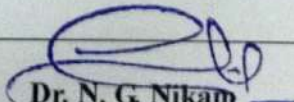
Project based learning "Electrical Engineering" was examined in entitled

"SOLAR WIRELESS ELECTRIC VEHICAL CHARGING STATION"

on 14 /07 /2023

at

Electrical Engineering Program

 Prof. S. P. Gosavi Guide EED, GCOERC, Nashik	 Prof. S. P. Gosavi PBL Coordinator EED, GCOERC, Nashik
 Prof. V. M. Gaikwad Prof. Head Department of Basic Engineering Science Guru Gobind Singh College of Engineering & Research Centre Nashik	 Dr. N. G. Nikam Principal GCOERC, Nashik

Electrical Engineering Programme

Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

1. Rudra Bhavsar
2. Digvijay Chaudhari
3. Vishal Gangurde
4. Vibhav Ghandat

The project is approved for submission towards partial fulfillment for the award of the of FE

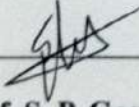
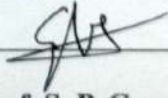
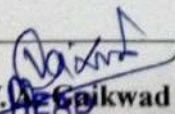
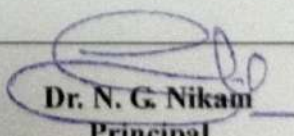
Project based learning "Electrical Engineering" was examined in entitled

"Wireless energy transmission using Tesla coil"

on 14/07/2023

at

Electrical Engineering Program

 Prof. S. P. Gosavi Guide EED, GCOERC, Nashik	 Prof. S. P. Gosavi PBL Coordinator EED, GCOERC, Nashik
 Prof. V. A. Gaikwad Professor & Head Department of Basic Engineering Science BES, GCOERC, Nashik Guru Gobind Singh College of Engineering & Research Centre Nashik	 Dr. N. G. Nikam Principal GCOERC, Nashik

Electrical Engineering Programme

Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

1. Gayatri patil
2. Mayur Shinde
3. Pratik Wani
4. Krushna Mhaske

The project is approved for submission towards partial fulfillment for the award of the of FE

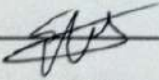

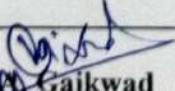

Project based learning “Electrical Engineering” was examined in entitled

“THREE PHASE LOAD BANK REPAIR & MAINTENANCE”

on 14/07/2023

at

Electrical Engineering Program

 Prof. S. P. Gosavi Guide EED, GCOERC, Nashik	 Prof. S. P. Gosavi PBL Coordinator EED, GCOERC, Nashik
 Prof. V. N. Gaikwad Professor & Head BES, GCOERC, Nashik HEAD	 Dr. N. G. Nikam Principal GCOERC, Nashik

Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

1. Shreeyash Jagdale
2. Sahil khan
3. Vedant lale
4. Rushikesh mahajan

The project is approved for submission towards partial fulfillment for the award of the of FE

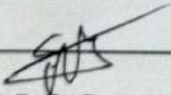
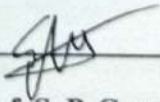
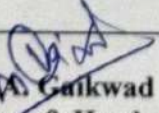

Project based learning "Electrical Engineering" was examined in entitled

"THREE PHASE LOAD BANK REPAIR & MAINTENANCE"

on 14/07/2023

at

Electrical Engineering Program

 Prof. S. P. Gosavi Guide EED, GCOERC, Nashik	 Prof. S. P. Gosavi PBL Coordinator EED, GCOERC, Nashik
 Prof. V. A. Gaikwad Professor & Head BES, GCOERC, Nashik	 Dr. N. G. Nikam Principal GCOERC, Nashik

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Electrical Engineering Programme

Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

1. Pranjali Gabhale
2. Kalpana Ghodsare
3. Vaishnavi Harde
4. Mayuri Khairnar
5. Payal Kumavat

The project is approved for submission towards partial fulfillment for the award of the of FE

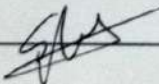

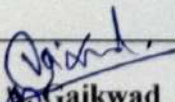
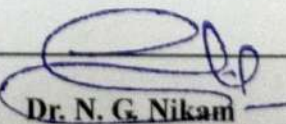
Project based learning "Electrical Engineering" was examined in entitled

"Electricity generation using hydro electric power plant"

on 14/07/2023

at

Electrical Engineering Program

 Prof. S. P. Gosavi Guide EED, GCOERC, Nashik	 Prof. S. P. Gosavi PBL Coordinator EED, GCOERC, Nashik
 Prof. V. A. Gaikwad Professor & Head BES, GCOERC, Nashik HEAD	 Dr. N. G. Nikam Principal GCOERC, Nashik

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

1. Krishna Verma
2. Sahil Singh
3. Omkar Toche
4. Om Sonawane

The project is approved for submission towards partial fulfillment for the award of the of FE

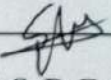
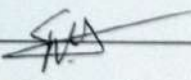
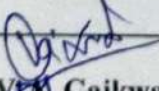
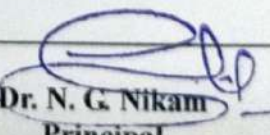
Project based learning "Electrical Engineering" was examined in entitled

"POWER SYSTEM FAULT DETECTION"

on 14/07/2023

at

Electrical Engineering Program

 Prof. S. P. Gosavi Guide EED, GCOERC, Nashik	 Prof. S. P. Gosavi PBL Coordinator EED, GCOERC, Nashik
 Prof. V. A. Gaikwad Professor & Head BES, GCOERC, Nashik HEAD	 Dr. N. G. Nikam Principal GCOERC, Nashik

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

1. Rutuja Thakur
2. Sherya Shinde
3. Harshali Patil
4. Om Shirsath
5. Swapnil Palde

The project is approved for submission towards partial fulfillment for the award of the of FE

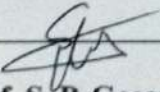
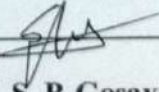
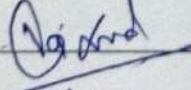
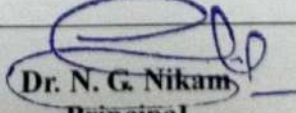
Project based learning "Electrical Engineering" was examined in entitled

"CENTRIFUGAL WATER PUMP FROM DC MOTOR WITH WATER ALARAM"

on 14/07/2023

at

Electrical Engineering Program

 Prof. S. P. Gosavi Guide EED, GCOERC, Nashik	 Prof. S. P. Gosavi PBL Coordinator EED, GCOERC, Nashik
 Prof. V. M. Gaikwad Professor & Head BES, GCOERC, Nashik	 Dr. N. G. Nikam Principal GCOERC, Nashik

GURU GOBIND SINGH FOUNDATION
GURU GOBIND SINGH COLLEGE OF ENGINEERING & RESEARCH
CENTRE, NASHIK-422009.
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

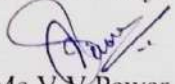


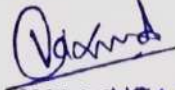
CERTIFICATE


This is to certify that the following students have satisfactorily carried out 2nd semester B.E. project work entitled “3-D Printing In Construction”.

This work is been submitted for the award of Degree of Bachelor of BES Engineering. It is submitted in the partial fulfillment of the prescribed syllabus of Savitribai Phule Pune university, Pune for the academic year 2022-2023.

Name of Candidate - Gaurang Panday	(Exam Seat No.) - F191200290
Name of Candidate - Niraj Patil	(Exam Seat No.) - F191200281
Name of Candidate - Anmol Rawat	(Exam Seat No.) - F191200355
Name of Candidate - Pritam Roy	(Exam Seat No.) - F191200348
Name of Candidate - Aryan Yeram	(Exam Seat No.) - F191200487


Ms. V. V. Pawar
(Guide)


Prof. V. M. Chaudhari
HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Dr. N. G. Nikam
(PRINCIPAL)

**GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING & RESEARCH
CENTRE, NASHIK-422009.**

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



CERTIFICATE

This is to certify that the following students have satisfactorily carried out second semester of F.E. project work entitled **“FROM COWPATS TO BRICKS: THE REVOLUTIONARY USE OF COWDUNG”**.

This work is been submitted for the award of First Year of Civil Engineering. It is submitted in the partial fulfillment of the prescribed syllabus of Savitribai Phule Pune university, Pune for the academic year 2022-2023.


Examination Seat No.

F191200027

F1912000188

F191200285

F191200341


Mrs. V. V. Pawar

(Guide)

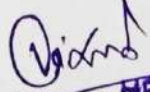
Name of Student

Pushkraj Balsane

Harshvardhan Katore

Rushikesh Pagere

Piyush Godse


Mr. V. M. Gaikwad
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

(H. O. D. BES)



Dr. N. G. Nikam

(PRINCIPAL)

GURU GOBIND SINGH FOUNDATION
GURU GOBIND SINGH COLLEGE OF ENGINEERING & RESEARCH
CENTRE, NASHIK-422009.
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

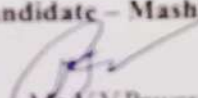


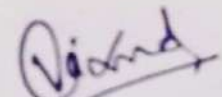
CERTIFICATE

This is to certify that the following students have satisfactorily carried out 2nd semester B.E. project work entitled "Green Building And Sustainability".

This work is been submitted for the award of Degree of Bachelor of BES Engineering. It is submitted in the partial fulfillment of the prescribed syllabus of Savitribai Phule Pune university, Pune for the academic year 2022-2023.

Name of Candidate - Nayana Singh	(Exam Seat No.) - F191200417
Name of Candidate - Tayyaba Sayyed	(Exam Seat No.) - F191200380
Name of Candidate - Tanjila Shaikh	(Exam Seat No.) - F191200393
Name of Candidate - Safa Shaikh	(Exam Seat No.) - F191200392
Name of Candidate - Mashkura Sayyed Kotwal	(Exam Seat No.) - F191200377


Mr. V.V. Pawar
(Guide)


Prof. V.M. Head
Department of BES Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Dr. N. G. Nikam
(PRINCIPAL)

CERTIFICATE

This is to certify that the following students have satisfactorily carried out second semester of F.E. project work entitled "HIGHWAY AND TRANSPORTATION"

This work is been submitted for the award of First Year of Civil Engineering. It is submitted in the partial fulfillment of the prescribed syllabus of Savitribai Phule Pune university, Pune for the academic year 2022-2023.

Examination Seat No.

(F191200098)

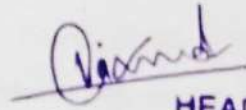
Name of Student

YASHSHREE .P.
GADEKAR



Mrs. V. V. Pawar

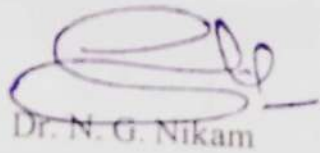
(Guide)



HEAD

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

(H. O. D.
BES)



Dr. N. G. Nikam

(PRINCIPAL)

GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING & RESEARCH CENTRE, NASHIK-
422009.

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



ESTD. : 2013
CERTIFICATE

This is to certify that the following students have satisfactorily carried out Second semester B.E. project work entitled "Smart Home and Smart Building".

This work is been submitted for the award of Degree of Bachelor of Civil Engineering. It is submitted in the partial fulfillment of the prescribed syllabus of Savitribai Phule Pune university, Pune for the academic year 2022-2023 .

Examination Seat No.

Name of Student

F191200105

RAJ KISHOR GAIKWAD

F191200134

RAHUL GAUTAM HANAWATE

F191200186

PRATIK PRASAD KARWATE

F191200149

KSHITIJ PRAKASH JADHAV

Mr Vishaka Pawar
(Guide)

Mr V. G. Gaikwad

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

Dr. N. G. Nikam
(PRINCIPAL)

External Examiner

GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING &
RESEARCH CENTRE, NASHIK-422009.
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



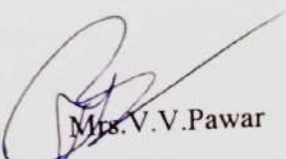
ESTD. : 2013

CERTIFICATE

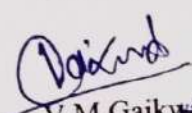
This is to certify that the following students have satisfactorily carried out final semester F.E. project work entitled **“SEWAGE WATER TREATMENT”**.

This work is been submitted for the award of Degree of Bachelor of Civil Engineering. It is submitted in the partial fulfillment of the prescribed syllabus of Savitribai Phule Pune university, Pune for the academic year 2022-2023.

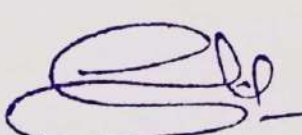
Examination Seat No.	Name of Student
F191200459	NEHA UBALE
F191200397	AVANTIKA SHEVKAR
F191200452	SIDDHI TIDKE
F191200136	HARSHA SONI
F191200440	NIDHI SURYAWANSHI
F191200312	KHUSHI PATIL


Mrs. V. V. Pawar

(Guide)


V. M. Gaikwad

HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik


Dr. N. G. Nikam
(PRINCIPAL)

GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING &
RESEARCH CENTRE, NASHIK-422009.
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



CERTIFICATE

This is to certify that the following students have satisfactorily carried out second semester of F.E. project work entitled "**Earthquake Resistant Structures**".

This work is been submitted for the award of First Year of Civil Engineering. It is submitted in the partial fulfillment of the prescribed syllabus of Savitribai Phule Pune university, Pune for the academic year 2022-2023.

Examination Seat No.

Name of Student

F191200015

Tanvi Apsingkar

F191200029

Jayesh Baviskar

F191200216

Shrilakshmi Kumar

F191200249

Saad Maniyar

F191200260

Shreyas Mhaske

F191200274

Ashish Narwade

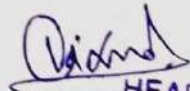

Mrs. V. V. Pawar

(Guide)



Dr. N. G. Nikam

(PRINCIPAL)


HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik

(H. O. D. BES)

**GURU GOBIND SINGH FOUNDATION'S
GURU GOBIND SINGH COLLEGE OF ENGINEERING & RESEARCH
CENTRE, NASHIK-422009.**

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



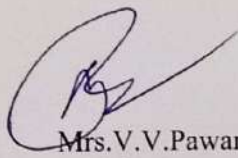
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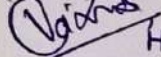
CERTIFICATE

This is to certify that the following students have satisfactorily carried out final semester F.E. project work entitled "WATER TREATMENT PLANT".

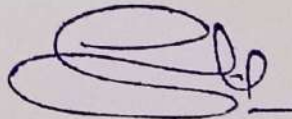
This work is been submitted for the award of Degree of Bachelor of Civil Engineering. It is submitted in the partial fulfillment of the prescribed syllabus of Savitribai Phule Pune university, Pune for the academic year 2022-2023.

Examination Seat No.	Name of Student
F191200333	MAYUR PAWAR
F191200335	RUSHIKESH PAWAR
F19200299	SURAJ PATHADE
F191200435	ROHIT SONPASARE
F191200314	MOHIT PATIL


Mrs. V. V. Pawar
(Guide)


HEAD

Department of Basic Engineering Science
(B.E. & B.Tech)
Guru Gobind Singh College of Engineering &
Research Centre Nashik



Dr. N. G. Nikam
(PRINCIPAL)



Guru Gobind Singh College of Engineering Nashik
Department of Mechanical Engineering

Academic Year 2022-23
Sem-II

PBL Mini Project Report

Class: FE Mechanical

Title of Project: Mini Fire Bridage

Group Members:

Roll No.	Name
42	Neha Kumawat
56	Om Shinde
57	Ritik Singh


A. H. Khasme


HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik





Guru Gobind Singh College of Engineering Nashik
Department of Computer Engineering

Academic Year 2022-23
Sem-II

PBL Mini Project Report

Class: FE Mechanical

Title of Project: The Shelter Shed

Group Members:

Roll.No	NAME
31	Chetan Aher


A. H. Kharche


HEAD

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &

Research Centre Nashik





Guru Gobind Singh College of Engineering Nashik
Department of Mechanical Engineering

Academic Year 2022-23
Sem-II


PBL Mini Project Report


Class: F.E - MECHANICAL

Title of Project: AI BASED CHAT-BOT

Group Members:

Roll No.	Name
33	Anil Chavan
35	Siddhant Donde
41	Kunal Kasar
44	Vishal Mahale
49	Ashutosh Patil


A.H. Kharche


HEAD
Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik





**Guru Gobind Singh College of Engineering Nashik
Department of Mechanical Engineering**

**Academic Year 2022-23
Sem-II**

PBL Mini Project Report

Class: FE MECHANICAL

Title of Project: (Pulley based movable crane)

Group Members:

Roll No.	Name
43	NEERAJ MAHAJAN
54	FAIZAN SHAIKH
53	TEJ SEBLE
60	ROSHAN SONAWANE
62	SARTHAK TAKATE


A.H. Khasehe


HEAD

Department of Basic Engineering Science
Guru Gobind Singh College of Engineering &
Research Centre Nashik



Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre
Nashik, Maharashtra.



Certificate

This is to certify that

Ashwini Sanjay Aher

Naina Sharad Shelar

Student of BE with specialization in "Electrical Engineering" was examined in dissertation
entitled


"SMART BRIDGE (automatic height increase when flooding)"


on 13/05/2023

at

Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh
Foundation, Nashik



Guide :- Prof. V.A.Chavan

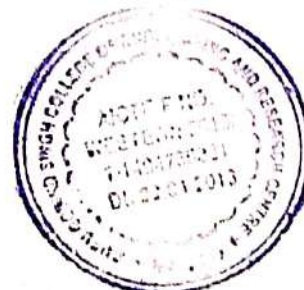

PBLCoordinator:- Prof.V.A.Chavan


External Examiner :-

Date:-13/05/2023

Place:- GGSF Nashik.


Principal :- N.G.Nikam



Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

Walchale Prathmesh Manoj

Student of SE with specialization in "Electrical Engineering" was examined in dissertation entitled

"WATER LEVEL INDICATOR WITH ALARM"

on 13 /05 /2023

Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation,

Nashik

Guide: Prof. B.G. Dabhade

External Examiner: -

PBL Coordinator: - V.S. Chavan

Principal: - N.G. Nikam



Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre
Nashik, Maharashtra.



Certificate


This is to certify that

Rakhee Ahire	PRN. 72267419J
Akanksha Chavan	PRN. 72267416D
Prajakta Avhad	PRN. 72267392C
Mohini Jadhav	PRN. 72267401F

Student of SE with specialization in "Electrical Engineering" was examined in dissertation entitled

“ Multipurpose Electrical Wiring Kit”
on 13 /05 /2023
at
Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh


Prof.S.M.More
Guide


Foundation, Nashik

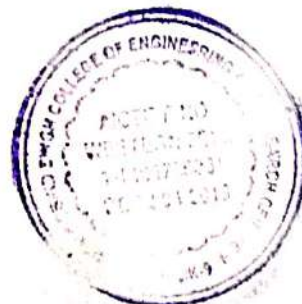

Prof.V.A.Chavan
PBL Coordinator

External Examiner

Date:-

Place:- GGSF Nashik.


Dr.N.G.Nikam
Principal



Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

Adsure Harsh Sachin
Shinde Harsh Nileshkumar
Barve Kartik Mahendra
Bhalerao Pratik Rajesh
Sonawane Harshal Nivrutti

Student of SE with specialization in “Electrical Engineering” was examined in dissertation entitled

Automated Smart Trolley With Smart Billing Using Arduino .RFID Based Smart Shopping Cart”

on


18/05/2023

Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation,

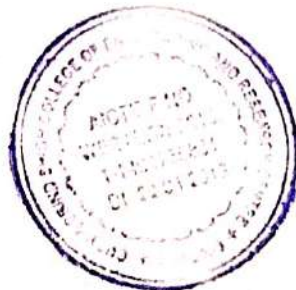
Nashik


Guide :- Mrs. R.S. More


PBL Coordinator :- Mrs. V.A. Chavan


External Examiner


Principal :- MR. N.G. Nikam





Certificate

This is to certify that

Jadhav Gaurav Sunil Shewale Sumeet Rakesh
Ganjave Jayesh Kailas Ingale Rohit Sanjay
Sable Krushna Kiran

Student of SE with specialization in “Electrical Engineering” was examined in dissertation entitled

“AUTOMATIC SWING BABY CRADLE”

on

13/05/2023

Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation,
Nashik

Guide :- Sunil More

External Examiners

PBL Coordinator :- V.A.Chavan

Principal :-N.G.Nikam



Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

Bedarkar Om Rahul Dongare Prajwal Prabhakar

Kolhe Amrutesh Arun Pedhekar Hemant Sanjay

Student of SE with specialization in "Electrical Engineering" was examined in dissertation entitled

"DC EV Charger with IOT"

on 13 /05 /2023

Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation,

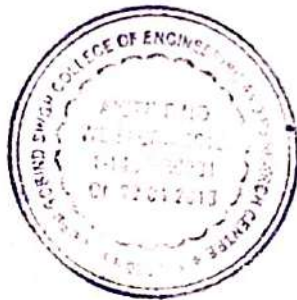
Nashik

Guide: - Nishakha Chavan

External Examiner:-

PBL Coordinator: - V.A.Chavan

Principal:-N.G.Nikam





Certificate

This is to certify that

SahaneRushikesh Ganesh

Chavanke Rahul Damodhar

Chaudhari NehaVasant

SatputeAtharvaSandip

NannawareRupaliPandurang

Student of SE with specialization in "Electrical Engineering" was examined in dissertation entitled

REPAIR AND MAINTAINCE OF CAPACITOR LOAD BANK"

on

18/05/2023

Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation,

Nashik

Guide :-VishakhaChavan

PBL Coordinator :- V.A.Chavan

External Examiner:

Principal :-N.G.Nikam





Certificate

This is to certify that

Shreya Salve Aditi Ambekar
Kushal Fegade Sandesh Pawar

Student of SE with specialization in "Electrical Engineering" was examined in dissertation entitled

"Li-Fi:Data Transfer Through Light"

on

13/05/2023

Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation,

Nashik

Guide :- Prof.B.G.Dabhade

External Examiner:

PBL Coordinator :-Prof. V.A.Chavan

Principal :-N.G.Nikam



Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

Niraj Sheshrao Patil Gaurav Nivrutti Gaikwad

Student of SE with specialization in "Electrical Engineering" was examined in dissertation entitled


"BLUETOOTH CONTROL HOME APPLIANCES"

on 13 /05 /2023

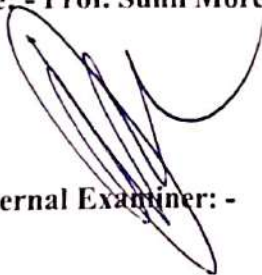
Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation,

Nashik


Guide: - Prof. Sunil More

External Examiner: -




PBL Coordinator: - V.A.Chavan

Principal:-N.G.Nikam





Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

Om Kulkarni Tejasvini pansare
Anuja Patole Priyanka Sonawane
Maheswari Warkhad


Student of SE with specialization in "Electrical Engineering" was examined in dissertation entitled
"single phase lamp load"
on 13 /05 /2023

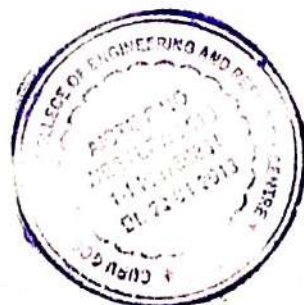
Electrical Engineering Program

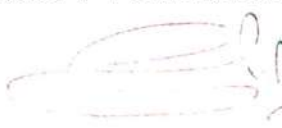
Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation,
Nashik


Guide :- N.J.Bhamare


PBL Coordinator :- V.A.Chavan


External Examiner




Principal :-N.G.Nikam

Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

Shruti Suresh Gangurde

Shital Somnath Jondhale

Samiksha Satish Dive

Student of SE with specialization in "Electrical Engineering" was examined in dissertation entitled

**"ADVANCE METHOD OF BATTERY CHARGING FOR EV VEHICLE USING
MICROCOTROLLER"**

on

13/05/2023

Electrical Engineering Program


Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation,

Nashik


Guide:-Mrs.S.P.Gosavi


PBL Coordinator:- V.A.Chavan


External Examiner:-


Principal:-N.G.Nikam



Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre Nashik,
Maharashtra.



Certificate

This is to certify that

Hire Harshali Prakash Rane Aishwarya sharad

Hivare manshi Nitin Pawar Tanvi Vasant

Dhangar Meghashree Pravin

Student of SE with specialization in "Electrical Engineering" was examined in dissertation entitled

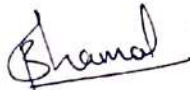
"HOME AUTOMATION With Link Cloud"

on 13 /05 /2023

Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation,

Nashik



Guide: - Prof. Shamal S. Dhamal



PBL Coordinator: - V.A.Chavan

External Examiner: -



Principal: - N.G.Nikam



**Electrical Engineering Programme
Guru Gobind Singh College of Engineering & Research Centre
Nashik, Maharashtra.**



ESTD. : 2013

Certificate

This is to certify that

**Ninad Nitin Rajurkar
Shivraj Rakesh Khairnar**

**Siddharth Shaligram Pawar
Aryan Anil Kute**

Student of SE with specialization in "Electrical Engineering" was examined in dissertation entitled

"Robot Controlled Car by Bluetooth Using Arduino"

on 13/05/2023

at


Electrical Engineering Program

Guru Gobind Singh College of Engineering & Research Centre, Guru Gobind Singh Foundation, Nashik

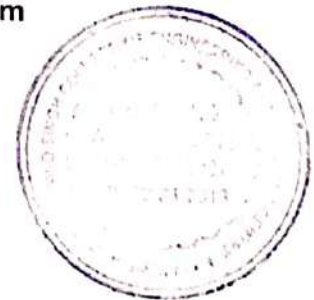

Guide :- **Rahul Agrawal**


PBL Coordinator :- **V. P. Chavan**


External Examiner


Principal :- **N.G. Nikam**

Electrical Engineering Programme



AUTOMATED MANHOLE CLEANING SYSTEM



GURU GOBIND SINGH COLLEGE OF ENGINEERING
AND RESEARCH CENTER, NASHIK.
DEPARTMENT OF MECHANICAL ENGINEERING.



CERTIFICATE

This is to certify that the seminar / project entitled "AUTOMATED MANHOLE CLEANING SYSTEM" has been carried out by

Students name	Roll no.
Kajal Patil	44
Yogesh Rathod	52
Aditya Patil	41
Ashish Patil	42
Sumit Patil	47

A. H. Kharche

Mrs. A. H. Kharche

Project Guide

Dr. N. G. Nikam

Principal

Dr. C. D. Mohod

HOD (ME)



External Examiner

GCOERC, NASHIK.

Guru Gobind Singh Foundation's
Guru Gobind Singh College of Engineering & Research Centre,
Nashik- 422009



ESTD. : 2013

Certificate

This is to certify that

SHRUTI AAKARE
SAPNA BARHE
AARTI DESALE
KHUSHI DIKKAR

SEME - ROLL NO 01
SEME - ROLL NO 06
SEME - ROLL NO 14
SEME - ROLL NO 19

Has submitted their project report on the topic

FIXED BOARD CLEANER

Towards the partial fulfilment of the requirement for, PBL

S. E. (Mechanical Engineering)

University of Pune

Academic year 2022-23

Prof. Ketan Dhande
(Guide)

Dr. C. D. Mohod
(Head of Department)



Guru Gobind Singh Foundation's
Guru Gobind Singh College of Engineering & Research Centre,
Nashik- 422009



ESTD. : 2013

Certificate

This is to certify that

Gaurav Demse	SEME-(Roll No.13)
Tejas Dhongade	SEME-(Roll No.17)
Sudarshan Aware	SEME-(Roll No.05)
Vaibhav Dhongade	SEME-(Roll No.18)
Pranav Deshmukh	SEME-(Roll No.15)

Has submitted their project report on the topic

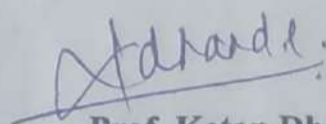
“Solid Waste Management”

Towards the partial fulfilment of the requirement for, PBL


S. E. (Mechanical Engineering)

University of Pune

Academic year 2022-23


Prof. Ketan Dhande
(Guide)




Dr. C. D. Mohod
(Head of Department)



GURU GOBIND SINGH COLLEGE OF
ENGINEERING & RESEARCH CENTRE,
NASHIK



CERTIFICATE

This is to certify that Imaaz Shaikh, Junaid Shaikh, Dhanadha Shinde, Vinit Singh has successfully completed the PBL entitled "Automatic Breaking System using Arduino board with Alcohol Sensor." under my supervision, in the partial fulfillment of Bachelor of Engineering –Mechanical Engineering of Savitribai Phule Pune University, Pune.

Date: _____

Place: Nashik

Prof. Keshav Pagar
Guide



Dr. C. D. Mohod
HOD

We feel great
But it would be
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