(2023-24) TYBSc Term- II (Report No:- 393) Vibration Detective System	Mr. Chavan Subham Rajendrd
394 Methane Gas Detection	Mrs. Sapkal Manasi Pandurang
395 Object Counter	Mr.Varhade Abhay Kisan
396 Smart Door Lock Using Rfid	Mr.Sapkal Rahul Nanaso
397 Car Parking Indicator Using Distance	Mr.Pingale Abhijit Prakash
398 Bulb on-off Indicator Distance Detector	Mr.Chavan Pruthviraj Rajendra
399 Clap Switch & Its Application	Mr.Zanje Suraj Narayan
400 Fire Fighting Robot	Mr.Surkunde Mohit Krushna
101 Password Based Door Locking System	Mr.Wanave Rohit Bhausaheb

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102)

(Autonomous)



A PROJECT REPORT ON

vibration detective system

SUBMITTED TO,

DEPARTMENT OF ELECTRONICS

SAVITRIBA! PHULE PUNE UNIVERSITY

UNDER THE GUIDENCE OF

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102) (Autonomous)



CERTIFICATE

This is to certify that Mr.Chavan Shubham Rajendra of class TY.B.Sc (Electronics) has completed project on vibration detective system as per the syllabus laid by Savitribai Phule Pune University, during the academic year 2023-2024 under my supervision and submitted the report.

Mrs.PAWAR.A M DR.J.D.DESHPANDE

PROJECT

GUIDE

EXTERNAL

EXAMINER

for

HEAD

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102)

(Autonomous)



A PROJECT REPORT ON

" METHANE GAS DETECTION "

SUBMITTED TO,

DEPARTMENT OF ELECTRONICS

SAVITRIBAI PHULE PUNE UNIVERSITY

UNDER THE GUIDENCE OF

Mrs.PAWAR.A

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102) (Autonomous)



CERTIFICATE

This is to certify that Mrs. Sapkal Manasi pandurang of class TY.B.Sc (Electronics) has completed project on

"METHANE GAS DETECTION" as per the syllabus laid by Savitribai Phule Pune University, during the academic year 2023-2024 under my supervision and submitted the report.

Mrs.PAWAR.A. DR.J.D.DESHPANDE

PROJECT

GUIDE EXAMINER

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102)

(Autonomous)



A PROJECT REPORT ON

"OBJECT COUNTER"

SUBMITTED TO,

DEPARTMENT OF ELECTRONICS

SAVITRIBAI PHULE PUNE UNIVERSITY

UNDER THE GUIDENCE OF

Mrs.PAWAR.A.↑↑

2023-2024

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102) (Autonomous)



CERTIFICATE

This is to certify that Mr. VARHADE ABHAY KISAN of class TY.B.Sc (Electronics) has completed project on "OBJECT COUNTER" as per the syllabus laid by Savitribai Phule Pune University, during the academic year 2023-2024 under my supervision and submitted the report.

Mrs.PAWAR.A.M DR.J.D.DESHPANDE

PROJECT GUIDE EXAMINER EXTERNAL

HEAD EXAMINER

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102)

(Autonomous)



A PROJECT REPORT ON

"SMART DOOR LOCK USING RFID"

SUBMITTED TO,

DEPARTMENT OF ELECTRONICS

SAVITRIBAI PHULE PUNE UNIVERSITY

UNDER THE GUIDENCE OF

Mrs.PAWAR.A

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102) (Autonomous)



CERTIFICATE

This is to certify that Mr.SAPKAL RAHUL NANASO of class TY.B.Sc (Electronics) has completed project on "SMART DOOR LOCK USING RFID" as per the syllabus laid by Savitribai Phule Pune University, during the academic year 2023-2024 under my supervision and submitted the report.

Mrs.PAWAR.A.M DR.J.D.DESHPANDE

PROJECT

GUIDE EXAMINER EXTERNAL PLANTER

F HEAD

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102)

(Autonomous)



A PROJECT REPORT ON

"Car Parking Indicator using distance"

SUBMITTED TO,

DEPARTMENT OF ELECTRONICS

SAVITRIBAI PHULE PUNE UNIVERSITY

UNDER THE GUIDENCE OF

Mrs. PAWAR.A.M

2023=2024

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102) (Autonomous)



CERTIFICATE

This is to certify that Mr.PINGALE ABHIJIT PRAKASH of class TY.B.Sc (Electronics) has completed project on "Car Parking Indicator using distance" as per the syllabus laid by Savitribai Phule Pune University, during the academic year 2023-2024 under my supervision and submitted the report.

Mrs. PAWAR. A.M DR.J.D. DESHPANDE

PROJECT

GUIDE EXAMINER EXTERNAL EXTERNAL

HEAD

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102)

(Autonomous)



A PROJECT REPORT ON

"Bulb on-off indicator distance detector"

SUBMITTED TO,

DEPARTMENT OF ELECTRONICS

SAVITRIBAI PHULE PUNE UNIVERSITY

UNDER THE GUIDENCE OF

Mrs.PAWAR.A·↑↑

2023-2024

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102) (Autonomous)



CERTIFICATE

This is to certify that Mr. Chavan Pruthviraj Rajendra of class TY.B.Sc (Electronics) has completed project on "Bulb on-off indicator distance detector" as per the syllabus laid by Savitribai Phule Pune University, during the academic year 2023-2024 under my supervision and submitted the report.

Mrs..PAWAR.A.M DR.J.D.DESHPANDE

PROJECT

GUIDE EXAMINER EXTERNAL EXTERNAL

F2

HEAD



A Project Report On

"Clap Switch & Its Application"

Submitted To

Department of Electronics

Tuljaram Chaturchand College of Arts, Science and
Commerce, Baramati-413 102 (Autonomous)

Partial Fulfilment of B.Sc. Degree in Electronics

Submitted By

Mr: Zanje Suraj Narayan Seat No: 4576

> 2023-24 Under the Guidance of

Dr. Aparna. M. Pawar



Department of Electronic Science,
Tuljaram Chaturchand College,
Baramati – 413102
(Autonomous)

CERTIFICATE

This is to certify that Mr. Zanje Suraj Narayan of B.SC. (Electronics) Seat No: 4576 has completed his / her project during The academic year 2023 - 2024 as partial fulfilment of the B.SC. (Electronics) course.

Project Guide

Internal Examiner

Head of the Department

External Examiner

"ANEKANT EDUCATION SOCIETY" TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102)

(Autonomous)



A PROJECT REPORT ON " FIRE FIGHTING ROBOT "

SUBMITTED TO,

DEPARTMENT OF ELECTRONICS

SAVITRIBAI PHULE PUNE UNIVERSITY

UNDER THE GUIDENCE OF

Mrs.PAWAR.A.↑↑

2023-2024

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), **BARAMATI (413102)** (Autonomous)



CERTIFICATE

This is to certify that Mr.SURKUNDE MOHIT KRUSHNA of class TY.B.Sc (Electronics) has completed project on "FIRE FIGHTING ROBOT" as per the syllabus laid by Savitribai Phule Pune University, during the academic year 2023-2024 under my supervision and submitted the report.

Mrs. PAW DR.J.D.DESHPANDE

PROJECT

GUIDE EXAMINER

"ANEKANT EDUCATION SOCIETY" TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102)

(Autonomous)



A PROJECT REPORT ON

"PASSWORD BASED DOOR LOCKING SYSTEM"

SUBMITTED TO,

DEPARTMENT OF ELECTRONICS

SAVITRIBAI PHULE PUNE UNIVERSITY

UNDER THE GUIDENCE OF

Mrs.PAWAR.A.M

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce), BARAMATI (413102) (Autonomous)



CERTIFICATE

This is to certify that Mr. WANAVE ROHIT BHAUSAHEB. of class TY.B.Sc (Electronics) has completed project on "PASSWORD BASED DOOR LOCKING SYSTEM" as per the syllabus laid by Savitribai Phule Pune University, during the academic year 2023-2024 under my supervision and submitted the report.

Mrs. PAWAR. A.M.

DR.J.D.DESHPANDE

PROJECT

GUIDE EXAMINER EXTERNAL 614124 HEAD