



Maratha Vidya Prasarak Samaj's, Nashik

G. M. D. Arts, B. W. Commerce and Science College, Sinnar

Examination Seat No: 8

CERTIFICATE

This is to certify that the project report on
"ALCOHOL DETECTOR USING ARDUINO"


Has been carried out in our premises by

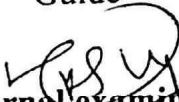
Miss. Mhaske Mayuri Shravan


Under my guidance in partial fulfillment of the degree M.Sc. in Physics during the
academic year 2022-23

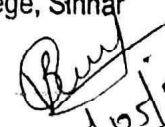
In

SAVITRIBAI PHULE UNIVERSITY OF PUNE, PUNE 411007


Prof. M. D. Shinde
Guide


Internal Examiner
13/05/2023


Prof. A. B. Chavan
Head of Department
HEAD
DEPARTMENT OF PHYSICS
G. M. D. Arts, B. W. Commerce
and Science College, Sinnar


15/05/2023



Maratha Vidya Prasark Samaj, Nashik
G.M.D. Arts, B.W. Commerce and Science College, Sinnar

Examination Seat No: 24179

Certificate

This is to Certified that the project report
"College Management System"

Has been carried out in our premises by-

shinde shivam madhukar

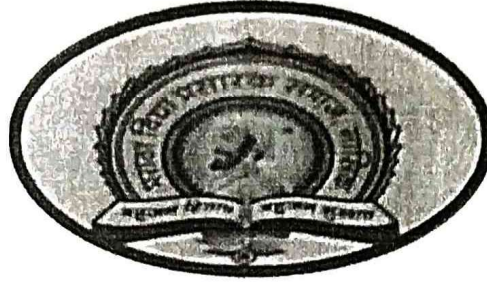
Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2021-22

12/05/2023
Prof. Arun Chavan Sir
Guide Teacher
Department of Physics

12/05/2023
Internal Examiner

12/05/2023
Prof. Arun Chavan Sir
Head of Department
DEPARTMENT OF PHYSICS
Department of Physics
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

12/05/2023
External Examiner



24103



MARATHA VIDYA PRASARK SAMAJ, NASHIK

G.M.D ARTS, B.W COMMERCE AND SCIENCE

COLLEGE SINNAR

Examination Seat No: 24103

CERTIFICATE

This is to certified that the project report,

"5G Wireless Technology"

Has been carried out in premises by

Gadekar Sanket Vijay

Under my guidance in partial fulfillment of the requirement for third year of BSc. During
the academic year 2022-2023

SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007

Prof. Madan Shinde
Teacher guide PHYSICS

Internal Examiner
30/12/2022

Prof. Anil Chavan
Head Of Department
30/12/2022

External Examiner
30/12/22

24104

24101



MARATHA VIDYA PRASARK SAMAJ, NASHIK
G.M.D ARTS, B.W COMMERCE AND SCIENCE
COLLEGE SINNAR

Examination Seat No: 24103

CERTIFICATE

This is to certified that the project report,

"STUDY OF EFFECT OF MAGNETIC FIELD ON SEMICONDUCTOR
USING HALL EFFECT "

Has been carried out in premises by

DUBEY PRASHANT RAMGOPAL

Under my guidance in partial fulfillment of the requirement for third year of BSc. During the academic year 2022-2023

SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007

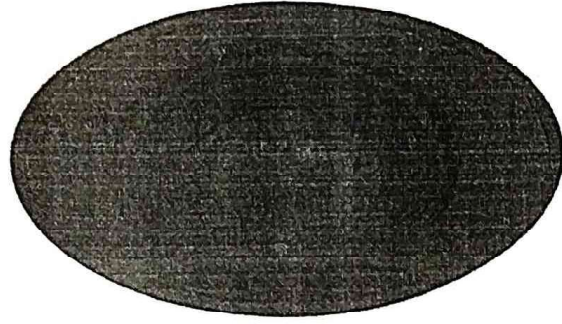
Prof. Madan Shinde
Teacher guide PHYSICS

Internal Examiner
30/12/22

Prof. Arun Shivan
Head Of Department
30/12/22

External Examiner
30/12/22

24104



Maratha Vidya Prasark samaj, Nashik
G.M.D Arts, B.W commerce and science
College Sinnar

Examination Seat No: 24104

CERTIFICATE

This is to certified that the project report,
DETERMINATION OF SPECIFIC
ANGLE OF ROTATION
Has been carried out in premises by
KEDAR ADITYA VILAS

Under my guidance in partial fulfillment of the requirement for third year of Bsc .
During the academic year 2022-20023

SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007

Prof. Gunjaal Madam

Gunjaal
28/12/22

Teacher guide PHYSICS

Internal Examiner

Prof. Chavan Sir

Head Department of

External Examiner

24178



Maratha Vidya Prasark Samaj, Nashik

G.M.D. Arts, B.W. Commerce and Science College, Sinnar

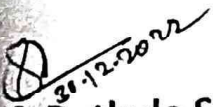
Examination Seat No: 24178


Certificate


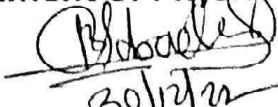
This is to Certified that the project report
"fire alarm"

Has been carried out in our premises by-
Sachin Daulat Sangle

Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2021-22


30/12/2022
Prof. Potkule Sir
Guide Teacher
Department of Physics


30/12/2022
Internal Examiner


30/12/2022
Prof. Arun Chavhan Sir
Head of Department
Department of Physics

30/12/2022
External Examiner

24177



MARATHA VIDYA PRASARAK SAMAJ, NASHIK
G.M.D ARTS, B W COM AND SCIENCE COLLEGE SINNAR

CERTIFICATE

THIS IS TO CERTIFY THAT PROJECT ENTITLED

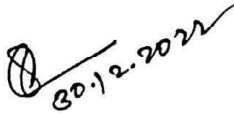
"WATER ATM"

Has been satisfactorily completed by
SANAP PRATIBHA BHAUSAHEB

In practical fulfillment of requirement of third year BSC PHYSICS
for academic year 2022-2023

IN

SAVITRIBAI PHULE PUNE UNIVERSITY PUNE 411001


30/12/2022

PROF. POTKULE SIR
GUIDE TEACHER


30/12/2022

PROF. A.B. CHAVAN
HOD PHYSICS


30/12/2022

INTERNAL EXAMINER


30/12/2022

EXTERNAL EXAMINER



MARATHA VIDYA PRASARAK SAMAJ, NASHIK
G.M.D ARTS, B W COM AND SCIENCE COLLEGE SINNAR

CERTIFICATE

THIS IS TO CERTIFY THAT PROJECT ENTITLED
'THE COMPARATIVE STUDY OF FINDING WAVE LENGTH
OF LASER BY USING VARIOUS METHOD'

Has been satisfactorily completed by

KANGANE MANGAL NAMDEV

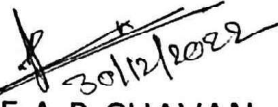
In practical fulfillment of requirement of third year BSC PHYSICS
for academic year 2022-2023

IN


SAVITRIBAI PHULE PUNE UNIVERSITY PUNE 411001


28/12/22
PROF. V. GUNJAL

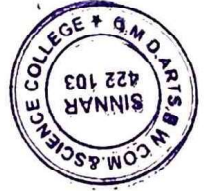
GUIDE TEACHER


30/12/2022
PROF. A. B. CHAVAN

HOD PHYSICS


30/12/2022
INTERNAL EXAMINER


30/12/22
EXTERNAL EXAMINER



Maratha Vidya Prasark Samaj, Nashik

G.M.D. Arts, B.W. Commerce and Science College, Sinnar

Examination Seat No: 24102

Certificate

This is to Certified that the project report
"TOUCHLESS DOORBELL"

Has been carried out in our premises by-
Gayatri Somnath Fokane

Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2021-22


Prof. Madan Shinde Sir
Guide Teacher
Department of Physics

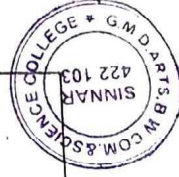

Internal Examiner


Prof. Arun Chavhan Sir
HEAD
DEPARTMENT OF PHYSICS
Head of Department
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


External Examiner

30/12/22

24169



MARATHA VIDYA PRASARK SAMAJ, NASHIK
G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE,
SINNAR

Examination Seat No: 24169


Certificate

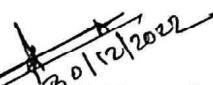
This is to Certified that the project report
"PhoneBook Management System"


Has been carried out in our premises by-

Belekar Aditya Mangaldas

Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2021-22


Prof. Arun Chavan Sir
Guide Teacher
Department of Physics


Internal Examiner


Prof. Arun Chavan Sir
HEAD
DEPARTMENT OF PHYSICS
Department of Physics
and Science College, Sinnar


External Examiner



Maratha Vidya Prasark Samaj, Nashik
G.M.D. Arts, B.W. Commerce and Science College, Sinnar

Examination Seat No: 24105

Certificate

This is to Certified that the project report
"Automatic Vehicle Speed Control System"

Has been carried out in our premises by-
Sakshi Tukaram Shelke

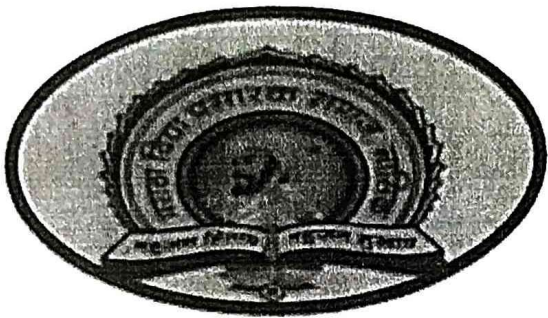
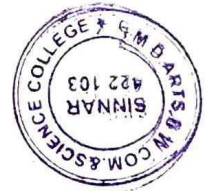
Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2021-22

Sakshi Shelke
of. Potkule Sir
Guide Teacher
Department of Physics

Sakshi Shelke
External Examiner

Sakshi Shelke
Prof. Arun Chavhan Sir
Head of Department
Department of Physics

Sakshi Shelke
External Examiner
30/11/22



Maratha Vidya Prasark samaj, Nashik
G.M.D Arts, B.W commerce and science
College Sinnar

Examination Seat No: 24175

CERTIFICATE

This is to certified that the project report,

"Earthquake Detector"

Has been carried out in premises by
Revagade Vaishnavi Balasaheb

Under my guidance in partial fulfillment of the requirement for third year of Bsc .
During the academic year 2022- 2023

Kute.
Prof.S.R.Kute

Teacher guide Physics

30/12/2022
Internal Examiner

SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007

Prof.A.B. *30/12/2022*
HEAD
DEPARTMENT OF PHYSICS
G.M.D Arts, B.W. Commerce
and Science College, Sinnar

30/12/22
External Examiner



LEGE * G.M.D.A

24170



Maratha Vidya Prasark Samaj, Nashik
G.M.D. Arts, B.W. Commerce and Science College, Sinnar

Examination Seat No: 24170

Certificate

This is to Certified that the project report

Rain detector

Has been carried out in our premises by-

Belote Sneha Vilas

Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2022-23

Prof. A.B.Chavan

Guide Teacher

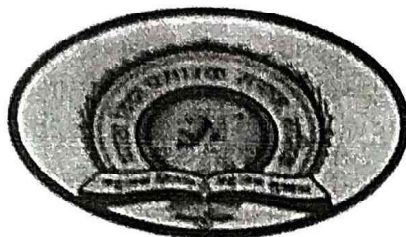
Department of Physics

Internal Examiner

Prof. A.B.Chavan

HEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

External Examiner



MARATHA VIDYA PRASARK SAMAJ, NASHIK
G.M.D ARTS, B.W COMMERCE AND SCIENCE
COLLEGE SINNAR

Examination Seat No: 24174

CERTIFICATE

This is to certified that the project report,

"AIR COOLER"

Has been carried out in premises by

MALI POONAM RAJENDRA

Under my guidance in partial fulfillment of the requirement for third year of Bsc . During the
academic year 2022-2023

Sub. SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007
Prof.S.R. Kute

Teacher guide PHYSICS

Internal Examiner
30/12/22

Prof. A. B. Patil
HEAD 30/12/2022
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

External Examiner

External Examiner
30/12/22



G.M.D. Arts, B.W. Commerce and Science
College Sinnar, (Nashik)
Roll no :5

EXAMINATION SEAT NO:24171

G. M. D Arts, B. W. Commerce and Science College Sinnar, Nashik

CERTIFICATE


This is to certificate that the project report
"LASER SECURITY ALARM SYSTEM"
Has been carried out in premises by –
MISS. DAGALE PRANALI RAMDAS


Under my guidance in partial fulfilment of the requirement for Third Year of BSc

During the academic year 2022 - 2023.

In SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE 411 007


30/12/2022
Prof. Miss J.S. Ugale
Guide Teacher


30/12/22
Examiner


30/12/2022
Prof. A.B. Chavan
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar
Physics


30/12/2022



Maratha Vidya
Nashik
G.M.D. Arts, B.W.

Prasark Samaj,

Commerce and

Science College, Sinnar


Examination Seat No: 24173

Certificate


This is to Certified that the project report
● 'Refractive Index of different Liquid by using Hollow Prism'

Has been carried out in our premises by-
Sakshi Khanderao Khule

Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2021-22

Prof. V. B. Gunjal Mam 
Guide Teacher
Department of Physics

● 
Internal Examiner

Prof. A. B. Chavhan Sir 
HEAD
DEPARTMENT OF PHYSICS
Department of Physics
and Science College, Sinnar


External Examiner



G.M.D.Arts, B.W.Commerce and Science
College Sinnar, (Nashik)

Roll No:06

EXAMINATION SEAT NO:24100

G. M. D Arts, B .W . Commerce and Science College Sinnar , Nashik

CERTIFICATE

This is to certificate that the project report

“SOLAR COOKER”

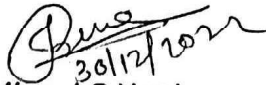
Has been carried out in premises by –

MISS. DESHMUKH VEDIKA DILIP

Under my guidance in partial fulfilment of the requirement for Third Year of Bsc


During the academic year 2022 - 2023.

In SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE 411 007


30/12/2022
Prof. Miss J.S. Ugale
Guide Teacher


23/01/2022
Examiner


23/01/2022
Prof. A.B. Chavan


External

HEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar



Maratha Vidya Prasark Samaj, Nashik
G.M.D. Arts, B.W. Commerce and Science College, Sinnar

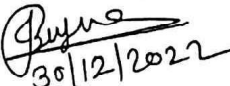
Examination Seat No: 24099

Certificate

This is to Certified that the project report
"Lee Method in Thermal Conductivity"

Has been carried out in our premises by-
Chavhanke Akshay Shivaji

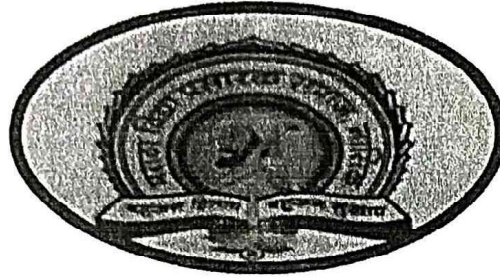
Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2021-22


30/12/2022
Prof. Ugale Madam
Guide Teacher
Department of Physics


Internal Examiner


30/12/2022
Prof. A. H. Chavhan
DEPARTMENT OF PHYSICS
Head of Department
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


30/12/22
External Examiner



Maratha Vidya Prasark samaj, Nashik
G.M.D Arts, B.W commerce and science
College Sinnar

Examination Seat No:

CERTIFICATE

This is to certified that the project report,

“Working Of An Electric Vehicle”

Has been carried out in premises by

BORHADE ROSHANI RAJENDRA

**Under my guidance in partial fulfillment of the requirement for third year of Bsc . During the
academic year 2022-2023**

SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007

Prof. Chavan sir

Teacher guide PHYSICS

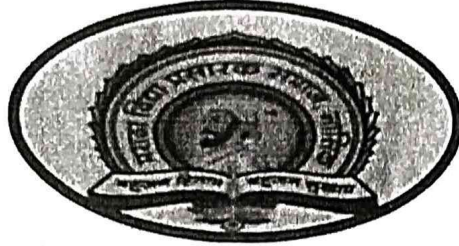
Internal Examiner

Prof. Chavan sir

HEAD

**DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar**

External Examiner



Maratha Vidya Prasark samaj, Nashik
G.M.D Arts, B.W commerce and science
College Sinnar

Examination Seat No: 24176

CERTIFICATE

This is to certified that the project report,

"Solar cell"

Has been carried out in premises by

LONARE SAKSHI SHANTARAM

Under my guidance in partial fulfillment of the requirement for third year of Bsc . During the
academic year 2022-2023

Kute
Prof. Kute

Teacher guide PHYSICS

~~Internal Examiner~~

~~Prof. Chavan~~

~~HEAD~~
Head of Department

DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

External Examiner

Bhawal
20/12/22



M V P Samaj's
G.M.D. ART'S, B.W.COMM. AND SCIENCE COLLEGE,
SINNAR
Department of Physics



U

Student Project List 2022-23 Class – T.Y.B.Sc (Sem-II)

Sr. No.	Name Of Student	Title Of Project
1	Belekar Aditya Mangaldas	College Management System
2	Belote Sneha Vilas	Water Level Alarm
3	Borhade Roshani Rajendra	Hotel Bill Management System
4	Chavhanke Akashay Shivaji	Attendance Management System
5	Dagale Pranali Ramdas	Fire Alarm
6	Deshmukh Vedika Dilip	Solar Cooker
7	Dubey Prashant Ramgopal	Metal Detector
8	Fokane Gayatri Somanth	Touchless Doorbell
9	Gadekar Sanket Vijay	Laser Security Alarm System
10	Kangane Mangal Namdev	Two Digit Door Bell
11	Kedar Aditya Vilas	Street Light Switch Control
12	Khule Sakshi Khanderao	Study of Refractive index & effect of concentration on it for different solution
13	Lonare Sakshi Shantaram	Student Attendance Management System
14	Mali Poonam Rajendra	Clap Switch Circuit
15	Shinde Shivam Madhukar	Conservation of Galvanometer into Ammeter and Voltmeter
16	Revgade Vaishnavi Balasaheb	Automatic On/Off Street Light
17	Sanap Pratibha Bhausahab	Water ATM
18	Sangale Sachin Daulat	Fire Alarm
19	Shelke Sakshi Tukaram	Automatic Vehicle Speed Control System

Mr. A. B. Chavan

HEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

Dr. P. V. Rasal

Principal
G. M. D. Arts, B. W. Commerce and
Science College, Sinnar, Dist.Nashik



Examination seat number-24179.
Certificate.

this is to certify that the project report.
conservation of galvanometer into ammeter and voltmeter.

Name-Shinde shivam madhukar.

under my guidance in partition fell pullment of requirement for
3rd year of bsc during the academic year 2022-2023.
prof. Arun Chavan sir guide teacher department of physics.

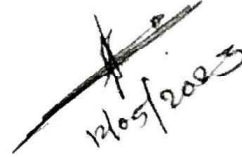
Internal examiner.

External examiner

Prof. Arunchavan sir
Guide teacher
Department of Physics

Prof. Arun Chavan sir
Head of department
Department of Physics.


12/05/2023


12/05/2023



Maratha Vidya Prasarak Samaj , Nashik

G.M.D.ARTS, B.W.COMMERCE & SCIENCE COLLEGE, SINNAR

Examination Seat No. _____


Certificate

This is to certified that the project report
Hotel Bill Management System


Has been carried out in our premises by-


Borhade Roshani Rajendra

Under my guidance in partial fulfilment of the requirement for
Third year of B.sc. During academic year 2023-24in
SAVITRIBAI PHULE PUNE UNIVERSITY , PUNE – 411007



Prof. A.B.Chavan

Department Of Physics


Internal Examiner


Mr. A.B.Chavan

HOD


External examiner



Maratha Vidya Prasarak Samaj, Nashik
G.M.D.Arts,B.W.Commerce and Science
College Sinnar,Sinnar(Nashik)



Examination Seat No: _____

CERTIFICATE

This is to Certified that the project report

" STREET LIGHT SWITCH CONTROL "

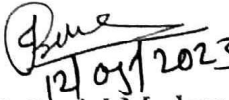
Has been carried out in our premises by -

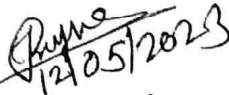
Mr. Aditya Vilas Kedar


Under my guidance in partial fulfillment of the requirement for Second year of B.Sc


during the academic year 2022-23

In SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE 411 007

For  (J.S. Gyale)
12/05/2023
Prof. Gunjal Madam
Guide Teacher


12/05/2023
Internal examiner


12/05/2023
Prof. A. B. Chavan
HEAD
DEPARTMENT OF PHYSICS
Department of Physics
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


12/05/2023
External examiner



G.M.D. ARTS



MARATHA VIDYA PRASARK SAMAJ, NASHIK
G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE,
SINNAR

Examination Seat No: 17


Certificate

This is to Certified that the project report
"Fire Alarm"


Has been carried out in our premises by-

Sachin Daulat Sangle

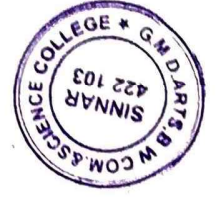
Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2022-2023


11.05.2023
Prof. Potkule Sir
Guide Teacher
Department of Physics


12/05/2023
Internal Examiner


12/05/2023
Prof. Arunabhavan Sir
DEPARTMENT OF PHYSICS
Head of Department
G.M.D. Arts, B.W. Commerce
Department of Physics
Sinnar College, Sinnar


12/05/2023
External Examiner



Maratha Vidya Prasarak Samaj , Nashik

G.M.D.ARTS, B.W.COMMERCE & SCIENCE COLLEGE , SINNAR

Examination Seat No .. _____

Certificate

This is to certified that the project report

Automatic On/Off Street Light

Has been carried out in our premises by-

Revagade Vaishnavi Balasaheb

Under my guidance in partial fulfilment of the requirement for

Third year of B.Sc. During academic year 2022-23 in

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE – 411007


21/5/23

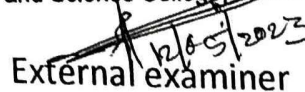
Prof. S.R.Kute

Guide Teacher


21/05/2023
Internal Examiner


12/05/2023
Mr. A.B.Chavan

HEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


12/05/2023
External examiner



Maratha Vidya Prasarak Samaj, Nashik
G.M.D. Arts, B.W commerce and Science
College Sinnar

Examination Seat No:

CERTIFICATE

This is to certified that the project,
"AUTOMATIC VEHICLE SPEED CONTROL SYSTEM"
Has been carried out in premises by

Miss.Shelke Sakshi Tukaram

Under my guidance in partial fulfillment of the
requirement for third year of T.Y.B.Sc. During the
academic year

In (2022-

2023)

SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007

12/05/2023
Prof. S.C.Potkule

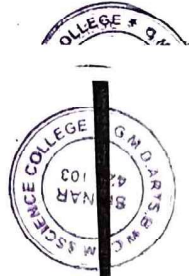
Guide Teacher

12/05/2023
Internal Examiner

12/05/2023
Prof. A.B.Chavan

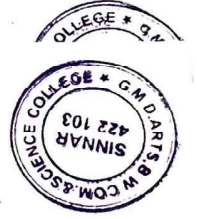
HEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar
External Examiner

12/05/2023



G.I

P
G
D



G.M.D. Arts, B.W. Commerce and Science

College Sinnar, Nashik

Roll No:5

EXAMINATION SEAT NO:

CERTIFICATE

This is to certificate that the project report

" FIRE ALARM "

Has been carried out in premises by –

MISS. DAGALE PRANALI RAMDAS


Under my guidance in partial fulfilment of the project requirement for Third
Year of BSc During the academic year 2022 – 2023.

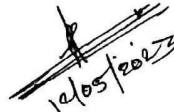
In SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE 411007


Prof. Miss J.S. Ugale
Guide Teacher

Examiner

12/05/2023


Prof. A.B. Chavan
Head of Department
Physics


12/05/2023

G.I

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G
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In



Maratha Vidya Prasarak Samaj , Nashik

G.M.D.ARTS, B.W.COMMERCE & SCIENCE COLLEGE , SINNAR

Examination Seat No .. _____

Certificate

This is to certified that the project report

Student Attendance management System

Has been carried out in our premises by-

Lonare Sakshi Shantaram

Under my guidance in partial fulfilment of the requirement for

Third year of B.Sc. During academic year 2022-23 in

SAVITRIBAI PHULE PUNE UNIVERSITY , PUNE – 411007

Kute
12/05/23

Prof. S.R.Kute

Guide Teacher

A.HEAD
12/05/2023

Mr. AHEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar
HOD

Pawar
12/05/2023

Internal Examiner

[Signature]
12/05/2023

External examiner

G.M.

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Roll No: - (1)



**MARATHA VIDYA PRASARK SAMAJ, NASHIK
G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE,
SINNAR**

Examination Seat No: 24169

Certificate


This is to Certified that the project report
"College Management System"



Has been carried out in our premises by-

Belekar Aditya Mangaldas

Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2021-22


12/05/2023
Prof. Arun Chavan Sir
Guide Teacher
Department of Physics


12/05/2023
Internal Examiner


12/05/2023
Prof. Arun Chavan Sir
Head of Department
HEAD
Department of Physics
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

12/05/2023
External Examiner



Maratha Vidya Prasarak Samaj , Nashik

G.M.D.ARTS, B.W.COMMERCE & SCIENCE COLLEGE , SINNAR

Examination Seat No .. _____

Certificate

This is to certified that the project report

Water Level Alarm

Has been carried out in our premises by-

Belote Sneha Vilas

Under my guidance in partial fulfilment of the requirement for


Third year of B.Sc. During academic year 2022-23 in

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE – 411007


Prof. A.B.Chavhan


Guide Teacher

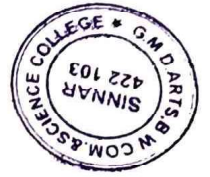

Internal Examiner


Mr. A.B.Chavhan

HEAD

DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


External examiner



Maratha Vidya Prasark Samaj, Nashik

G.M.D. Arts, B.W. Commerce and Science College, Sinnar

Examination Seat No: 24102

Certificate

This is to Certified that the project report

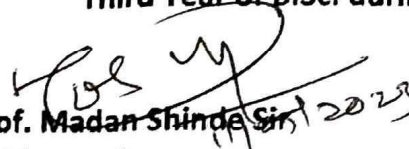
"TOUCHLESS DOORBELL"

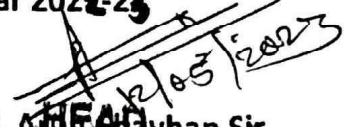
Has been carried out in our premises by-

Gayatri Somnath Fokane


Under my guidance in partial fulfillment of the requirement for

Third Year of B.Sc. during the academic year 2022-23


Prof. Madan Shinde Sir
Guide Teacher
Department of Physics


Prof. Anurag Gavhan Sir
HEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

Internal Examiner


12/05/2023

External Examiner


12/05/2023



Maratha Vidya Prasarak Samaj, Nashik
G.M.D.Arts,B.W.Commerce and Science
College Sinnar,Sinnar(Nashik)



Examination Seat No: _____

CERTIFICATE

This is to Certified that the project report

“ **WATER ATM** ”

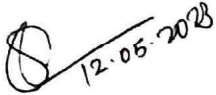
Has been carried out in our premises by -

Miss. Sanap Pratibha Bhausahab

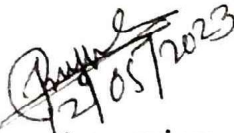
Under my guidance in partial fulfilment of the requirement for Second year of B.Sc

during the academic year 2022-23

In SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE 411 007


12.05.2023

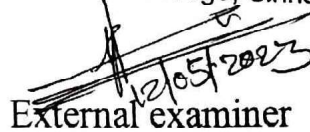
Prof. S. C. Potkule
Guide Teacher


24/05/2023

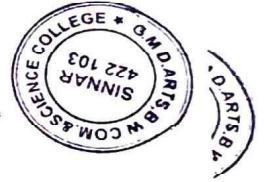
Internal examiner


12/05/2023

Prof. A. B. Chavan
HEAD
DEPARTMENT OF PHYSICS
Department of Physics
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


12/05/2023

External examiner



G.M.D.Arts, B.W.Commerce and Science
College Sinnar,(Nashik)

Roll No:06

EXAMINATION SEAT NO:24100

G. M. D Arts, B .W . Commerce and Science College Sinnar , Nashik

CERTIFICATE

This is to certificate that the project report

"SOLAR COOKER"

Has been carried out in premises by –

MISS. DESHMUKH VEDIKA DILIP

Under my guidance in partial fulfilment of the requirement for Third Year of Bsc


During the academic year 2022 – 2023.

In SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE 411 007

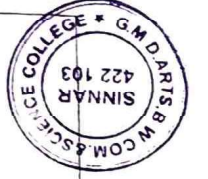

Prof. Miss J.S.Ugale
Guide Teacher

Examiner


12/05/2023


Prof. A.B. Chavan
Head
Department of Physics


12/05/2023



**MARATHA VIDYA PRASARK SAMAJ, NASHIK
G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE,
SINNAR**

Examination Seat No: 04


Certificate

This is to Certified that the project report
"Attendance Management System"

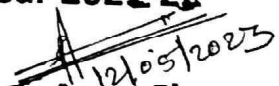
Has been carried out in our premises by-

Chavhanke Akshay Shivaji

Under my guidance in partial fulfillment of the requirement for
Third Year of B.Sc. during the academic year 2021-22


Prof. Ugale Mam
Guide Teacher
Department of Physics


Internal Examiner


Prof. Arun Chavan Sir
Head of Department
DEPARTMENT OF PHYSICS
Department of Physics
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


External Examiner



**G.M.D. Arts, B.W. Commerce and Science
College Sinnar, Nashik**

Roll No: 14

EXAMINATION SEAT NO:

CERTIFICATE

This is to certificate that the project report

"Clap Switch Circuit"

Has been carried out in premises by –

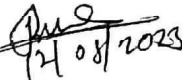
Miss : Mali Poonam Rajendra


Under my guidance in partial fulfilment of the project requirement for Third
Year of BSc During the academic year 2022 – 2023.

In SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE 411007

D
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Prof: S.R.Kute
Guide Teacher

Examiner

24/08/2023


Prof A.B.Chavan
Head of Department
Physics


12/05/2023



M V P Samaj's
G.M.D. ART'S, B.W.COMM. AND SCIENCE COLLEGE,
SINNAR
Department of Physics

Student Project List 2022-23 Class – M.Sc. II

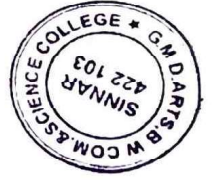
Sr. No.	Name Of Student	Title Of Project
1	Barve Kalyani Kiran	Synthesis of iron Oxide by Sol-Gel Method and Wet Chemical Method
2	Dagale Kanchan Tukaram	Car Theft Detection with Monitoring System
3	Hire Yashwant Haribhau	Movie Ticket Booking System
4	Jadhav Samruddhi A.	Ultrasonic Based Smart Dustbin
5	Kadale Rani Rajendra	Solar Cooker
6	Kadam Kartiki Rajendra	Earthquake detector Using Arduino UNO
7	Mhaske Mayuri Shraavan	Alcohol Detector Using Arduino
8	Nikam Sonali Machhindra	Synthesis of GO by modified Hummers Method and its Characterization
9	Phapale Rupali Madhukar	Synthesis of GO by modified Hummers Method
10	Sanap Saurabh Maruti	----
11	Shaikh Mehwish Shamshad A	Anti-Sleeping Alarm
12	Shinde Swati Ashok	Synthesis of MgO by Sol-Gel Method
13	Ugale Rohini Gorakshnath	Tesla Coil
14	Waje Gayatri Prasharam	Automatic Vehicle Speed Control System

Mr. A. B. Chavan

HEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

Dr. P. V. Rasal

Principal
G. M. D. Arts, B. W. Commerce and
Science College, Sinnar, Dist.Nashik



Maratha Vidya Prasarak Samaj, Nashik.

G. M. D. Arts. B. W. Commerce and Science Collage,
Sinner.

CERTIFICATE

This is to certify that the project report

**"SYNTHESIS OF IRON OXIDE BY SOL – GEL
METHOD AND WET CHEMICAL METHOD "**

Has been carried out in our premises by -

Miss- KALYANI KIRAN BARVE


Under my guidance in partial fulfilment of the requirement for

Second Year of M.sc during the academic year (2022-23)


In

SAVITRIBAI PHULE UNIVERSITY OF PUNE, PUNE411007

Examination seat no. :


Prof. A.B.Chavan

Guided Teacher
Department of Physics



Internal examiner
13.05.2023


Prof.A.B .Chavan.

Head of Department
physics

HEAD

DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


External Examiner
13/05/2023

3
3
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02



Maratha Vidya Prasark Samaj, Nashik

G.M.D. Arts, B.W. Commerce and Science College, Sinnar

Examination Seat No: 02

Certificate

This is to Certified that the project report

“Car Theft Detection with Monitoring System”

Has been carried out in our premises by-

Dangle Kanchan Tukaram

Under my guidance in partial fulfilment of the requirement for

Second year of M.Sc. during the academic year 2022-23

In

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE-411007

12/05/2023

Prof. A.B. Chavan

Guide Teacher

12/05/2023

Prof. A.B. Chavan

Head of ~~the~~ **HEAD** Department
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

Internal examiner
13.05.2023

External examiner
10/05/2023



Maratha Vidya Prasark Samaj , Nashik

G.M.D. ARTS, B.W. COMMERCE & SCIENCE COLLEGE,
SINNAR

Examination Seat No : 4

Certificate

This is to certified that the project report

ULTRASONIC BASED SMART DUSTBIN

Has been carried out in our premises by-

Jadhav Samruddhi Annasaheb

Under my guidance in partial fulfilment of the requirement for
second year of Msc. during academic year 2022-23

In

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE – 411007

Prof. J.S Ugale

Guide Teacher

[Signature]
12/05/2023

Internal Examiner

[Signature]
13/05/23

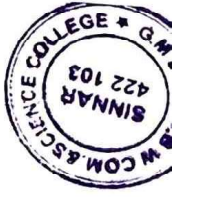
Prof. A.B Chavan

HEAD

DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

External Examiner

[Signature]
19/05/2023



SAVITRIBAI PHULE UNIVERSITY

G.M.D.ARTS,B.W.COMMERCE AND SCIENCE COLLEGE, SINNAR,DIST-
NASHIK

DEPARTMENT OF PHYSICS

2022-2023

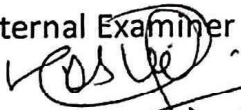
CERTIFICATE

This is certify that Miss. Kadale Rani Rajendra of class M.SC.-
II(Physics),has satisfactory completed her project work as per
rule laid down by the Savitribai Phule Pune University entitled
as "SOLAR COOKER" during academic year 2022-2023.


12/05/2023
Prof.Smt.J.S.UGALE


(Project Guide)

Internal Examiner


13/05/2023


12/05/2023
Prof. A.B.CHAVAN SIR

HEAD
DEPARTMENT OF PHYSICS
Head of Physics Department
G.M.D. Arts, B.W. Commerce
& Science College, Sinnar


13/05/2023



Maratha Vidya Prasarak Samaj, Nashik
G.M.D. Arts, B.W commerce and Science
College Sinnar

Examination Seat No: 19

CERTIFICATE

This is to certified that the project,
“AUTOMATIC VEHICLE SPEED CONTROL SYSTEM”

Has been carried out in premises by
Miss.Waje Gayatri Prasharam

Under my guidance in partial fulfillment of the
requirement for Second year of M.Sc. II . During
the academic year

In

(2022-2023)


SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007

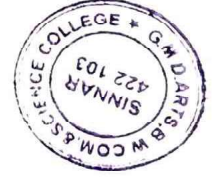

Prof.S.C. Potkule
Guide Teacher


Prof.A.B.Chavan
Head of Department
HEAD

DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


Internal Examiner


External Examiner



Maratha Vidya Prasarak Samaj's Nashik
G.M.D. Arts, B.W commerce and Science
College Sinnar

Examination Seat No:

CERTIFICATE

This is to certified that the project,

“ TESLA COIL”

Has been carried out in premises by

Miss.Ugale Rohini Gorakshnath

Under my guidance in partial fulfillment of the
requirement for Second year of M.Sc. II. During the academic year

In

(2022-2023)

SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007

Prof. S.C. Potkule

Guide Teacher

Internal Examiner

Prof. A.B. Chavan

Head of Department

Physics

HEAD

DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

External Examiner

IS
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Maratha Vidya Prasarak Samaj's Nashik
G.M.D. Arts, B.W Commerce And Science College
Sinnar

Seat no:-19.

CERTIFICATE

This is to certified that the project,
"SYNTHESIS OF GO BY MODIFIED HUMMER'S METHOD"

Has been carried out in premises by

Miss. Phapale Rupali Madhukar


Under my guidance in partial fulfillment of the
requirement for Second year of M.Sc. II . During

The academic year


In

(2022-2023)

SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007


Prof. Smt. V. B. Gunjal
Guide Teacher


Internal Examiner
13/05/2023


Prof. A.B. Chavan

Head of Department
HEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


External Examiner
13/05/2023



Maratha Vidya Prasarak Samaj's, Nashik.

**G. M. D. Arts. B. W. Commerce and Science Collage,
Sinnar.**

Examination seat no. : 15

Certificate

This is to certify that the project report

"Synthesis of MgO by Sol-Gel Method"

Has been carried out in our premises by -

SHINDE SWATI ASHOK

Under my guidance in partial fulfilment of the requirement for
Second Year of M.sc during the academic year (2022-23)

In

Savitribai phule university of pune, pune411007



12/05/23

Prof.Ms. B.D.Patil
Guided Teacher
Department of Physics


Internal examiner
13/05/2023



Prof.Mr.A.B .Chavan.
HEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


External examiner
13/05/2023



Maratha Vidya Prasarak Samaj's Nashik
G.M.D. Arts, B.W Commerce And Science College
Sinnar

Examination Seat No: 9

CERTIFICATE

This is to certified that the project,
"SYNTHESIS OF GO BY MODIFIED HUMMER'S METHOD AND IT'S
CHARACTERIZATION"

Has been carried out in premises by

Miss. Sonali Machhindra Nikam


Under my guidance in partial fulfillment of the
requirement for Second year of M.Sc. II . During


The academic year

In

(2022-2023)


SAVITRIBAI PHULE UNIVERSITY OF PUNE 411007

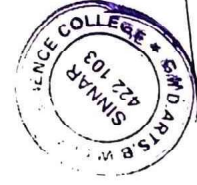

13/05/2023
Prof. Smt. V. B. Gunjal
Guide Teacher Physics


13/05/2023
Prof. Mr. A.B. Chavan
Head of Department


13/05/2023
Internal Examiner

PHYSICS
Department


13/05/2023



Maratha Vidya Prasark Samaj , Nashik
G.M.D.ARTS, B.W.COMMERCE & SCIENCE COLLEGE ,
SINNAR

Examination Seat No .. 6

Certificate

This is to certified that the project report
Earthquake Detector using Arduino UNO

Has been carried out in our premises by-

Miss.Kadam Kartiki Rajendra


Under my guidance in partial fulfilment of the requirement for
second year of MSc. during academic year 2022-23

In


SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE- 411007

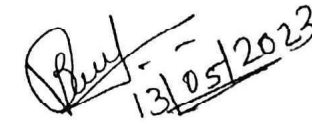

Prof. J.S. Ugale

Guide Teacher


Prof. A.B. Chavan

HEAD
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar


Internal Examiner


External Examiner



Maratha Vidya Prasark Samaj, Nashik

G.M.D. Arts, B.W. Commerce and Science College, Sinnar

Examination Seat No: 03

Certificate


This is to Certified that the project report
“Movie Ticket Booking System”
Has been carried out in our premises by-

Hire Yashwant Haribhau


Under my guidance in partial fulfilment of the requirement for
Second year of M.Sc. during the academic year 2022-23

In

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE-411007


12/05/2023
Prof. A.B. Chavan

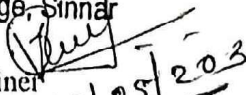
Guide Teacher


13.05.2023
Internal examiner


12/05/2023
Prof. A.B. Chavan

Head of ~~the~~ **HEAD** Department
DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

External examiner


13/05/2023



Maratha Vidya Prasark Samaj, Nashik

**G.M.D. Arts, B.W. Commerce and Science College,
Sinnar.**

Examination Seat No: 12

Certificate

This is to Certified that the project report

“Anti Sleeping Alarm”

Has been carried out in our premises by-

Shaikh Mehwish Shamshad Ahmed

Under my guidance in partial fulfilment of the requirement for
Second year of M.Sc. during the academic year 2022-23

In

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE-411007

Kute.
Prof. S.R. Kute

Guide Teacher

13/05/2023
Prof. A.B Chavan

Head Of the Department
HEAD

DEPARTMENT OF PHYSICS
G.M.D. Arts, B.W. Commerce
and Science College, Sinnar

13/05/2023
External examiner

13/05/2023
Internal examiner