

Department of Electronics and Telecommunication Engineering
Bapurao Deshmukh College of Engineering Sevagram, Wardha

2020-2021

Certificate

This is to certify that this project report entitled "Women Safety Night Patrolling Robot" has been completed by the following students in partial fulfillment of the team work of the VIIIth Semester, Electronics & Telecommunication Engineering for Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur during Academic session 2020-2021. This is the record of their work under my guidance and to my immense satisfaction. I wish them success in future endeavors.

~ SUBMITTED BY ~

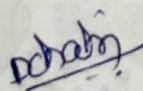
1. Komal A. Muraskar

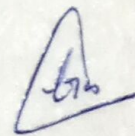
2. Sakshi P. Dafare

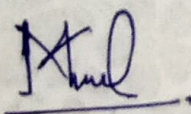
3. Renuka H. Bhoyar

4. Shital R. Parate

5. Devendra D. Bire

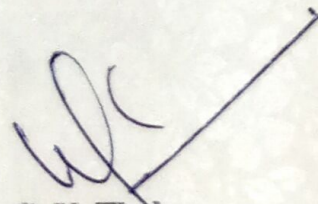

Prof. Mrs. D. M. Khatri
Project Guide


Dr. G. D. Korde
Project Incharge


Prof. M. N. Thakre
Associate Professor & Head,
Department of E&T Engineering

HEAD
Electronics & Telecom. Engg.
B. D. College of Engineering
SEVAGRAM (Wardha)




Dr. G. V. Thakre
Principal,
B.D.C.O.E. Sevagram

PRINCIPAL
Bapurao Deshmukh College
of Engineering, SEVAGRAM.

Department of Electronics and Telecommunication Engineering
Bapurao Deshmukh College of Engineering Sevagram, Wardha

2020-2021

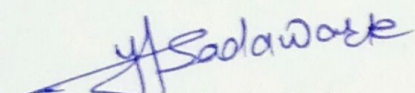
Certificate

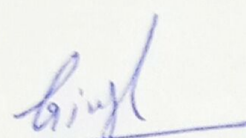
This is to certify that this project report entitled "UVC SANITIZATION AUTOMATION CABINET" has been completed by the following students in partial fulfillment of the team work of the final year (VIIIth Semester), Electronics Engineering for Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur during Academic session 2020-2021. This is the record of their work under my guidance and to my immense satisfaction. I wish them success in future endeavors.

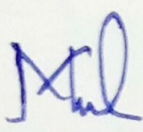
~ SUBMITTED BY ~

SALONI BAMBOLE
HRUSHIKESH NAGRALE
ANUP THOOL

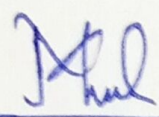
CHARUSHILA NATKAR
BADAL MORANKAR
RAHUL KHADTAKAR


Prof. Mrs. Y. A. Sadawarte
Project Guide


Dr. Girish D. Korde
Project Incharge


Prof. M. N. Thakre
Head of Dept.
Department of E&T Engineering
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Dr. G.V. Thakre
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Bapurao Deshmukh College
of Engineering, SEVAGRAM

Department of Electronics and Telecommunication Engineering
Bapurao Deshmukh College of Engineering Sevagram, Wardha

2020-2021

Certificate

This is to certify that this Seminar report entitled "AI BASED LOAD CONTROL SYSTEM BY USING GSM" has been completed by the following students in partial fulfillment of the team work of the VIIIth Semester, Electronics & Telecommunication Engineering for Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur during Academic session 2020-2021. This is the record of their work under my guidance and to my immense satisfaction. I wish them success in future endeavors.

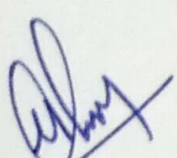
~ SUBMITTED BY ~

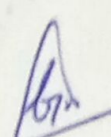
1. SHRUTI GULKARI

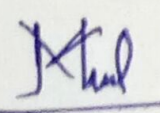
2. SNEHAL RAUT

3. MANTHAN MESHAM

4. SIDDHANTH WASE


Prof. N. M. Chore
Project Guide


Dr. G. D. Korde
Project Incharge

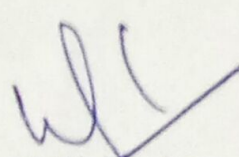

Prof. M. N. Thakre
Associate Professor & Head,
Department of E&T Engineering

HEAD

Electronics & Telecom. Engg.
B. D. College of Engineering
SEVAGRAM (Wardha)



V


Dr. G. V. Thakre
Principal,
B.D.C.O.E. Sevagram
PRINCIPAL
Bapurao Deshmukh College
of Engineering, SEVAGRAM

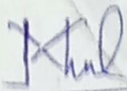
Department of Electronics and Telecommunication Engineering

Bapurao Deshmukh College of Engineering Sevagram, Wardha

2020-2021

Certificate

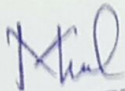
This is to certify that this project report entitled "solar base street light controller & accident detector " has been completed by the following students SWEETI DHOLE SUPRIYA BAMBODE, SUVARNA SATONE, NAYAN SAWARKAR, SURAJ JIWANE under the guidance of PROF. M. N. THAKARE SIR in partial fulfilment of the team work of the VIIIth Semester, Electronics & Telecommunication Engineering for Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur during Academic session 2020-2021. This is the record of their work under my guidance and to Our immense satisfaction. We wish them success in future endeavors.



Prof. M. N. Thakare

Project Guide

Department of E&T Engineering



Prof. M. N. Thakre

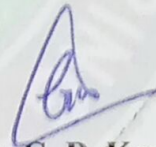
Associate Professor & Head,

Department of E&T Engineering

HEAD

Electronics & Telecom. Engg.

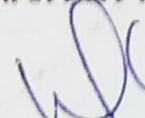
**B. D. College of Engineering
SEVAGRAM (Wardha)**



Dr. G. D. Korde

Project Incharge

Department of E&T Engineering



Dr. G. V. Thakre

Principal,

B.D.C.O.E. Sevagram Wardha

PRINCIPAL

**Bapurao Deshmukh College
of Engineering, SEVAGRAM,**

Department of Electronics and Telecommunication Engineering

Bapurao Deshmukh College of Engineering Sevagram, Wardha

2020-2021

Certificate

This is to certify that this project report entitled “**IOT Based Garbage Monitoring System**” has been completed by the following students in partial fulfillment of the team work of the VIIIth Semester, Electronics & Telecommunication Engineering for Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur during Academic session 2020-2021. This is the record of their work under my guidance and to my immense satisfaction. I wish them success in future endeavors.

~ **SUBMITTED BY** ~

1. Kushal O. Wadatkhar

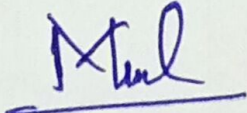
2. Dhiraj R. Barai

3. Shubham A. Chaudhari

4. Shiwani G. Chaudhari


Dr. G. D. Korde

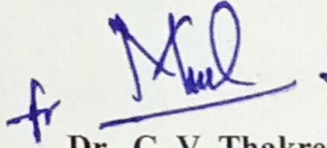
Project Guide / Project Incharge


Prof. M. N. Thakre
Associate Professor & Head,
Department of E&T Engineering

HEAD
Electronics & Telecom. Engrg.
B. D. College of Engineering
SEVAGRAM (Wardha)



ii


Dr. G. V. Thakre
Principal,
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PRINCIPAL

Bapurao Deshmukh College
of Engineering, SEVAGRAM.

Department of Electronics and Telecommunication Engineering
Bapurao Deshmukh College of Engineering Sevagram, Wardha

2020-2021

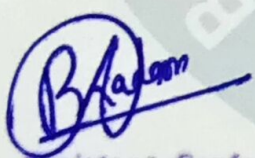
Certificate

This is to certify that this project report entitled “**Web Based Smart Medicine Pill Box Using Esp-8266**” has been completed by the following students in partial fulfillment of the team work of the VIIIth Semester, Electronics & Telecommunication Engineering for Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur during Academic session 2020-2021. This is the record of their work under my guidance and to my immense satisfaction. I wish them success in future endeavors.

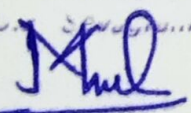
~ SUBMITTED BY ~

1. Sneha Ughade
3. Payal Gharde

2. Prajakta Deulkar
4. Madhuri Nimsade

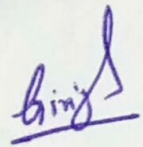

Prof. R. D. Kadam
Project Guide

Assistant Professor
Department of Electronics &
Telecommunication Engg.
B.D.C.O.E. Sevagram (Wardha)

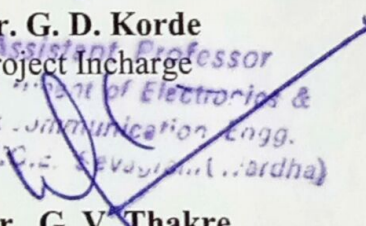

Prof. M. N. Thakre
Associate Professor & Head,
Department of E&T Engineering

HEAD
Electronics & Telecom. Engg.
B. D. College of Engineering
SEVAGRAM (Wardha)




Dr. G. D. Korde
Project Incharge

Assistant Professor
Department of Electronics &
Telecommunication Engg.
B.D.C.O.E. Sevagram (Wardha)


Dr. G. V. Thakre
Principal,
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PRINCIPAL
Bapurao Deshmukh College
of Engineering, SEVAGRAM.

Bapurao Deshmukh College of Engineering, Sewagram Wardha
(Affiliated to R. T. M. Nagpur University, Nagpur)

Certificate

This is to certify that the work presented in this Project Report entitled: **“Self Power Generating For Electrical Bike”**, is a record of project work carried out by

1. **Ms. Pragati W. Barde**
2. **Ms. Rupal K. Kamble**
3. **Ms. Shubhani S. Kamble**
4. **Mr. Dhananjay R. Siraskar**
5. **Mr. Pravin M. Wairagade**

Submitted towards partial fulfillment of award of degree of Bachelor of Engineering in Electrical Engineering in the faculty of Engineering and technology of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, conducted in the department of Electrical Engineering of B. D College of Engineering, Sewagram under our supervision.



Prof. K. N. Sawalakhe

Project Coordinator



Prof. S. D. Zilpe

Project Guide



Prof. D. K. Bhingare

Head of Department



Dr. G. V. Thakre

Principal

Date: ³⁰/7/21

**Bapurao Deshmukh College of Engineering, Sevagram
Wardha**

(Affiliated to R. T. M. Nagpur University, Nagpur)

Certificate


This is to certify that the work presented in this Project Report entitled:
"PORTABLE WATER PUMP FOR IRRIGATION", is a record of project work carried out
by


1. Namrata Jadhav
4. Deepak Pazare


2. Shreya Gajulwar
5. Sameer Wanjari
7. Vipil Chamate

3. Pragati Dofe
6. Shubham Janave

Submitted towards partial fulfilment of award of degree of Bachelor of Engineering in Electrical Engineering in the faculty of Engineering and Technology of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, conducted in the department of Electrical Engineering of B. D. College of Engineering, Sevagram under our supervision.


Prof. K. N. Sawalakhe
Project Coordinator /
Project Guide


Prof. D. K. Bhingare
Head of Department


Dr. G. V. Thakare
Principal

Date : 30/07/2021

**Bapurao Deshmukh College of Engineering, Sevagram
Wardha**

(Affiliated to R. T. M. Nagpur University, Nagpur)

Certificate

This is to certify that the work presented in this Project Report entitled:
**"DETECTION OF CHANGE IN DISTANCE BELOW RAILWAY TRACK FOR
ACCIDENT AVOIDANCE."**

is a record of project work carried out by

- | | |
|----------------------|--------------------|
| 1. SAGAR PATIL | 2. MANGESH WAYARE |
| 3. HITESH YENGADE | 4. ACHAL LENDHARE |
| 5. VAISHALI KARLEKAR | 6. RAVINA KHAIRKAR |
| 7. SNEHA KHELKAR | |

Submitted towards partial fulfillment of award of degree of Bachelor of Engineering in
Electrical Engineering in the faculty of Engineering and Technology of Rashtrasant
Tukadoji Maharaj Nagpur University, Nagpur, conducted in the department of Electrical
Engineering of B. D. College of Engineering, Sevagram under our supervision.



Prof. K. N. Sawalakhe

Project Coordinator



Prof. D.K. Bhingare

Project Guide



Prof. D. K. Bhingare

Head of Department



Dr. G.V. Thakre

Principal

Date: / /

Yeshwant Rural Education Society's
Bapurao Deshmukh College of Engineering, Wardha
Affiliated to R.T.M Nagpur University

Certificate

This is to certify that the project entitled, "**DESIGNING OF
PORTABLE PRODUCTS**" submitted by

- | | |
|--------------------|---------------------|
| 1) ANKUSH JAMODKAR | 2) HITESH TARAM |
| 3) LIKHITA MUDE | 4) SAMIKSHA WATMODE |
| 5) VAISHNAVI YEDE | 6) VASUDHA WANKHADE |
| 7) VIKAS PADADE. | |

Towards partial fulfillment for the award of Degree of Bachelor of
Engineering, in Electrical Engineering in the faculty of Engineering and
Technology of Rashtrasant Tukadoji Maharaj Nagpur
University, Nagpur is bonafide project work carried out under my supervision
And guidance. The contents have not been submitted to any other institute
For the award of any Degree or Diploma. It is further certified that
References made to the works of others have been cited in the text.


Date:-


Prof. K. N. Sawalakhe

Project Coordinator


Prof. J. B. Fulzele

Project Guide


Prof. D. K. Bhingare

Head of Department


Dr. G. V. Thakre

Principal (BDCE)

Bapurao Deshmukh College of Engineering,

Sevagram Wardha

(Affiliated to R. T. M. Nagpur University, Nagpur)

Certificate

This is to certify that the work presented in this Project Report entitled: **“WAREHOUSE FOOD PROTECTION SYSTEM USING SCADA.”** is a record of project work carried out by

1. NUSRAT SHEIKH

2. PALLAVI GIRDE

3. RAHUL RAGHATATE

4. SHIBGATULLAH SHEIKH

5. SHRIYA KAMBLE

6. APURVA VAIDHYA

Submitted towards partial fulfillment of award of degree of Bachelor of Engineering in Electrical Engineering in the faculty of Engineering and Technology of Rashttrasant Tukadoji Maharaj Nagpur University, Nagpur, conducted in the department of Electrical Engineering of B. D. College of Engineering, Sevagram under our supervision.


Prof. K. N. Sawalakhe

Project Coordinator


Prof. D.K. Bhingare

Project Guide


Prof. D. K. Bhingare

Head of Department


Dr. G. V. Thakre

Principal

Date: / /

**Bapurao Deshmukh College of Engineering, Sevagram
Wardha**

(Affiliated to R. T. M. Nagpur University, Nagpur).

Certificate

This is to certify that the work presented in this Project Report entitled: "**LOAD CONTROL USING GSM MODULE**", is a record of project work carried out by

- | | |
|-------------------------------|-----------------------------|
| 1. ANIKET WAGHMARE | 2. UTKARSHA WANKHEDE |
| 3. MONALI DORLE | 4. PRIYA NANDANWAR |
| 5. VAISHALI DARWARE | 6. DEVYANI DARNE |
| 7. MEHERPRITAM WATMODE | |

Submitted towards partial fulfillment of award of degree of Bachelor of Engineering in Electrical Engineering in the faculty of Engineering and Technology of Rashttrasant Tukadoji Maharaj Nagpur University, Nagpur, conducted in the department of Electrical Engineering of B. D. College of Engineering, Sevagram under our supervision.


Prof. K. N. Sawalakhe


Project Coordinator


Prof. G. D. Ghode

Project Guide


Prof. D. K. Bhingare

Head of Department


Dr. G. V. Thakre

Principal(BDCE)

Date: / /

**Bapurao Deshmukh College of Engineering, Sevagram
Wardha**


(Affiliated to R. T. M. Nagpur University, Nagpur)


Certificate


This is to certify that the work presented in this Project Report entitled: **"IOT BASED SOLAR POWER INVERTER"**, is a record of project work carried out by

3. SHIBHAM S. ATKARE 9.

Submitted towards partial fulfillment of award of degree of Bachelor of Engineering in Electrical Engineering in the faculty of Engineering and Technology of Rashtrasant Tukadoji Maharaj Nagpur University, Engineering, Sevagram under our supervision.


K. N. Sawalakhe
Project Coordinator


N. A. Wanjari
Project Guide


D. K. Bhingare
Head of Department



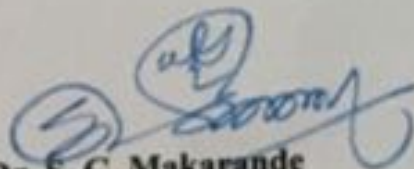
CERTIFICATE

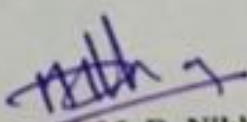
This is to certify that the Project entitled **"WASTE WATER TREATMENT BY USING LAB SCALE REED BED SYSTEM USING PHRAGMITES AUSTRALIS"** has been duly submitted by the following students in satisfactory manner as a partial fulfilment for the degree in Civil Engineering from Rashtrasant Tukdoji Maharaj Nagpur University during academic session 2020-2021.

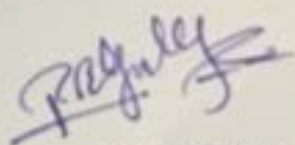
-: Submitted by: -

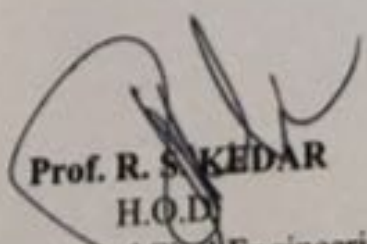
1. Aditya Vasantrao Bhandakkar
3. Dipanshi Yashpal Dongre
5. Neeharika Saharsh Hadke
7. Rajkumar Vijay Bista

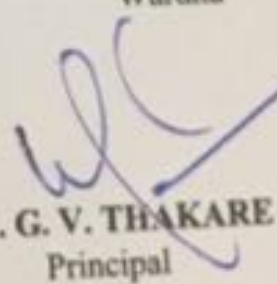
2. Dhanashri Santosh Umbarkar
4. Mahesh Dhyaneshwar Pusadkar
6. Himanshu Nikhare


Prof. Dr. S. G. Makarande
Project Guide
Department of Civil Engineering
B.D.C.E. Sewagram
Wardha


Prof. M. R. Nikhar
Project In-Charge
Department Of Civil Engineering
B.D.C.E. Sewagram
Wardha


Prof. P.B. Gadge
Co-Guide
Department of Civil Engineering
B.D.C.E. Sewagram
Wardha


Prof. R. S. KEDAR
H.O.D.
Department of Civil Engineering
B.D.C.E. Sewagram
Wardha


Dr. G. V. THAKARE
Principal
B.D.C.E. Sewagram
Wardha

CERTIFICATE



This is to certify that the synopsis entitled **"UTILIZATION OF WASTE MATERIAL IN PAVER BLOCK CONSTRUCTION"** is a bonafide work done under our supervision by KU.ROHINI R. KAMBLE KU. SHWETA U. BHONGADE MR. ANIKET N. SOMNATHE MR. PRASANNA S. NAPHADE MR.RUPAM A. MOGARKAR MR. VIJAY D. RAVKALE and is submitted for the subject Industrial Case Study and Project Seminar to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfillment of the requirement for the Degree Bachelor of Engineering in Civil Engineering

Guide

Prof. A. B. Dehane
Department of Civil Engineering
B.D.C.E. Sevagram

Prof. M. R. Nikhar

I/C – Project & Seminar
Department of Civil Engineering
B.D.C.E. Sevagram

Prof. R. B. Kedar

HOD

Department of Civil Engineering
B.D.C.E. Sevagram

Dr. G. V. Thakre

Principal

B.D.C.E. Sevagram

CERTIFICATE

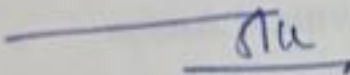


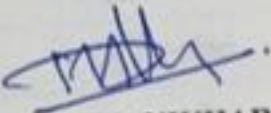
This is to certify that the project entitled " FLOATING SOLAR POWER PLANTS " has been submitted during the academic session 2020-2021 by the following students in the satisfactory manner as a partial fulfillment of the requirement of the degree of Bachelor of Engineering (Civil Engineering) from Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.

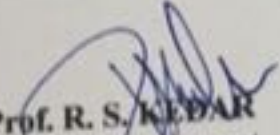
SUBMITTED BY

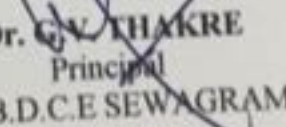
NIKITA R. SHIVARKAR
ANUP N. KAMBLE
SANKET R. BONDRE

SHIVANI P. GHODE
HARSHAL P. SHENDE
SUSHIL D. SHIWANKAR


Prof. M. M. LOHE
Project Guide
(Dept. of Civil Engineering)
B.D.C.E SEWAGRAM


Prof. M.R. NIKHAR
Project Incharge
(Dept. of Civil Engineering)
B.D.C.E SEWAGRAM


Prof. R. S. KEDAR
Head of Department
(Dept. of Civil Engineering)
B.D.C.E SEWAGRAM


Dr. G.V. THAKRE
Principal
B.D.C.E SEWAGRAM

DEPARTMENT OF CIVIL ENGINEERING

U.G. Program-B.E.(Civil Engineering)

BAPURAO DESHMUKH COLLEGE OF ENGINEERING SEVAGRAM, WARDHA
(2020-2021)



CERTIFICATE

This is certify that the Project Report on "EFFECT OF BENTONITE ON BEHAVIOUR OF MORTAR BY PARTIALLY REPLACING OPC WITH COCONUT WASTE ASH" Has been duly submitted by the following student in satisfactory manner as a partial fulfillment for the degree in Civil Engineering from Rashtrasant Tukadoji Maharaj Nagpur university, Nagpur During academic session 2020-2021

SUBMITTED BY:-

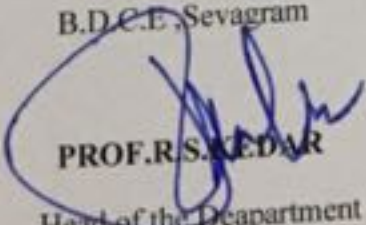
- 1] PRATIKSHA THOOL 2] SHUBHANGI NIDHEKAR 3] KRUSHAK GAWANDE
4] SUMIT BHOPAYE 5] VAIBHAV HINGE 6] TAUSHIF ANSARI


PROF. V.A. KALMEGH

Project Guide

Dept. of Civil Engineering

B.D.C.E, Sevagram

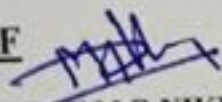

PROF. R.S. KEDAR

Head of the Department

Dept. of Civil Engineering

B.D.C.E, Sevagram

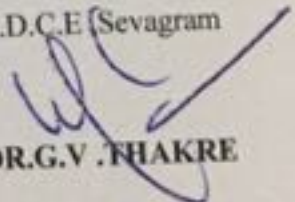
UNDER THE GUIDANCE OF


PROF. M.R. NIKHAR

Project In-charge

Dept. of Civil Engineering

B.D.C.E, Sevagram


DR. G.V. THAKRE

Principal

B.D.C.E, Sevagram



CERTIFICATE

This is to certify that the project report entitled **"UTILIZATION OF WASTE FOUNDRY SAND AND RECYCLED AGGREGATE IN CONCRETE"** is a Bonafide work done under our supervision by **KIRAN A. VILAYATKAR, PRAGATI R. PAL, ANKIT C. TEMBHURNE, DIPAK S. SOMNATHE, NIKHIL R. SATHEKAR, PRAFUL R. SATPUTE, SAGAR B. DONGRE** and is submitted for the subject Industrial Case Study and Project Seminar to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur in partial fulfillment of the requirement for the Degree Bachelor of Engineering in Civil Engineering.

Dr. S. G. MAKARANDE

Project Guide

M.Tech. Co-Ordinator & Professor
Department of Civil Engineering
BDCE, Sevagram, Wardha

Prof. K. V. BHANDAKKAR

Project Co-Guide

Assistant Professor
Department of Civil Engineering
BDCE, Sevagram, Wardha

Prof. M. R. NIKHAR

Project In-charge

Department of Civil Engineering
B.D.C.E. Sevagram,
Wardha

Prof. R.S. KEDAR

HOD

Department of Civil Engineering
B.D.C.E. Sevagram,
Wardha

Dr. G. V. THAKRE

Principal

B.D.C.E. Sevagram, Wardha



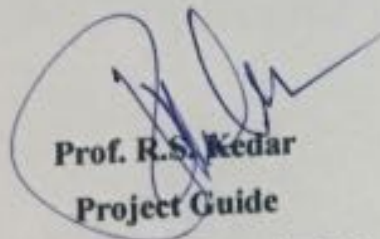
CERTIFICATE

This is to certify that the project work entitled "Eco-bricks: A steps towards sustainable development" has been duly submitted by the following student in satisfactory manner as a partial fulfilment for the degree in civil Engineering from Rashtrasant Tukadoji Maharaj Nagpur University during academic session 2020-2021

Submitted by

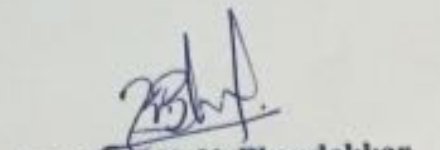
1. Divya R. Jain
2. Pragati P. Mute
3. Akash S. Wankhede

4. Anurag B. Dhawale
5. Gaurav Shelki
6. Reshim N. Bawane

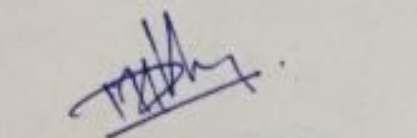


Prof. R.S. Kedar
Project Guide

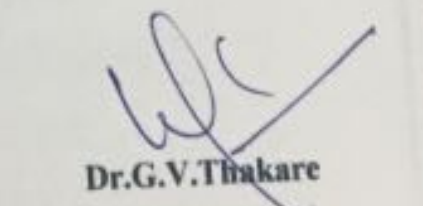
Head of Civil Department
BDCE, Sevagram, Wardha



Asst. Prof. K. V. Bhandakkar
Project Co-Guide
Civil Engg. Department
BDCE, Sevagram, Wardha



Prof. M. R. Nikhar
Project In-charge
Civil Engg. Department
BDCE, Sevagram, Wardha



Dr. G. V. Thakare
Principal
BDCE, Sevagram, Wardha

Department of civil Engineering .

U.G. Program –B.E. (Civil Engineering.)

Bapurao Deshmukh College of Engineering, Sevagram, wardha.

2020-2021



CERTIFICATE

This is to certify that the project work entitled

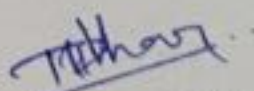
"Study on Effects of Plastic waste in Paver Block "

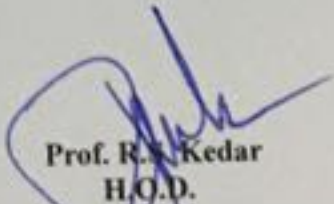
has been duly submitted by the following student in satisfactory manner as a partial fulfilment for the degree in civil Engineering from Rashtrasant Tukdoji Maharaj Nagpur University during academic session

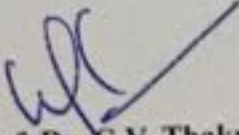
Submitted By :-

Samiksha Astonkar
Aditya Surkar
Ashrut Satone

Tanuja Nahate
Arpit Bele
Pritam Gupta


Prof. M.R. Nikhar
Guide & Project incharge.
Department of civil Engineering


Prof. R. Kedar
H.O.D.
Department of civil Engineering


Prof. Dr. G.V. Thakre.
Principal

B.D.C.E. Sewagram , Wardha

**BAPURAO DESHMUKH COLLEGE OF ENGINEERING SEVAGRAM,
WARDHA (2020-2021)**



CERTIFICATE

This is certify that the Project Report on **"UTILIZATION OF SLUDGE AND CRUSHED SAND IN MORTAR"** has been duly submitted by the following student in satisfactory manner as a partial fulfilment for the degree in Civil Engineering from **Rashtrasant Tukadoji Maharaj Nagpur university, Nagpur** During academic session 2020-2021

SUBMITTED BY:-

- 1) MINAL LOHKARE
- 3) ANUP NAIK
- 5) SAHIL MISAL

- 2) PRAGATI WAGHMARE
- 4) CHETAN BHIL
- 6) VIJAY SAYANKAR

UNDER THE GUIDANCE OF

PROF.A.B. DEHANE

Project Guide
Dept. of Civil Engineering
B.D.C.E., Sevagram

PROF.R.S.KEDAR

Head of the Deapartment
Dept.of Civil Engineering
B.D.C.E.,Sevagram

PROF.M.R. NIKHAR

Project In-charge
Dept. of Civil Engineering
B.D.C.E.,Sevageam

DR.G.V.THAKRE

Principal
B.D.C.E.,Sevagram

Department of Civil Engineering
U.G. Program –B.E. (Civil Engineering)
Bapurao Deshmukh College of Engineering, Sevagram, Wardha



CERTIFICATE

This is to certify that the project work entitled **“EXPERIMENTAL INVESTIGATION ON FERROCEMENT WALL PANEL USING DISCRETE FIBER”** has been duly submitted by the following students in satisfactory manner as a partial fulfilment for the Degree in Civil Engineering from Rashtrasant Tukadoji Maharaj Nagpur University during academic session 2020-2021.

Submitted By

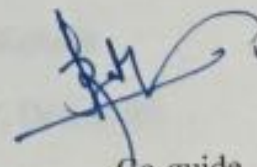
Ku. Pradnya S. Kokode
Mr. Pawan A. Pise
Mr. Vaibhav S. Thakre

Ku. Pratiksha V. Deshmukh
Mr. Snehal S. Ramteke



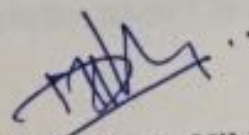
Guide

Prof. G. D. Dhawale
Department of Civil Engineering
B.D.C.E. Sevagram, Wardha



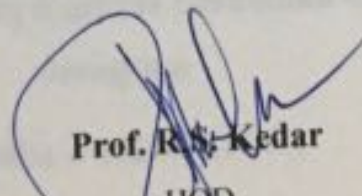
Co-guide

Prof. R. K. Kakpure
Department of Civil Engineering
B.D.C.E. Sevagram, Wardha



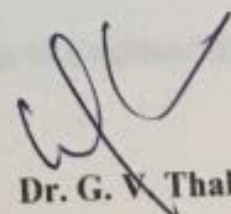
Prof. M. R. Nikhar

I/C – Project & Seminar
Department of Civil Engineering
B.D.C.E. Sevagram, Wardha..



Prof. R. S. Kedar
HOD

Department of Civil Engineering
B.D.C.E. Sevagram, Wardha.



Dr. G. V. Thakre
Principal

B.D.C.E. Sevagram
Wardha.

Yeshwant Rural Education society's
Bapurao Deshmukh College of Engineering, Sevagram

2020-2021



CERTIFICATE

This is to certify that the project work entitled **“EXPERIMENTAL INVESTIGATION ON EFFECTS OF FIBERS ON PROPERTIES OF CONCRETE”** has been duly submitted by the following student in satisfactory manner as a partial fulfillment for the degree in civil Engineering from Rashtrasant Tukadoji Maharaj Nagpur University during academic session 2020-2021

Submitted by

- | | |
|----------------------------|-------------------------|
| 1. SHRADDHA ARVIND BHOYAR | 4. PRAFULL VITTHAL BELE |
| 2. SWATI RAJU SANGOLKAR | 5. SUMIT DIWAKAR SATONE |
| 3. DARSHAN DILIPRAO JADHAO | 6. PRATIK KHANDATE |

Mr. M. R. Nikhar

Assistant Professor

Department of Civil Engineering

Prof. R. S. Kedar

Head of Department

B.D.C.E., Sevagram

Dr. G. V. Thakare

Principal

B.D.C.E., Sevagram

Department of Civil Engineering
U.G. Program –B.E. (Civil Engineering)
Bapurao Deshmukh College of Engineering, Sevagram, Wardha




CERTIFICATE

This is to certify that the project work entitled “**EXPERIMENTAL STUDY ON USE OF WASTE RUBBER TYRE IN BITUMINUS CARPET**” has been duly submitted by the following student in satisfactory manner as a partial fulfilment for the degree in civil Engineering from Rashtrasant Tukdoji Maharaj Nagpur University during academic session 2020-2021


Submitted by

Diksha L. Patil
Nutan P. Kamble
Saurabh G. Thakare

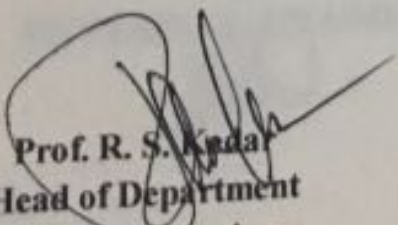
Saurabh V. Kathale
Umang B. Mehar
Gaurav J. Bhagat



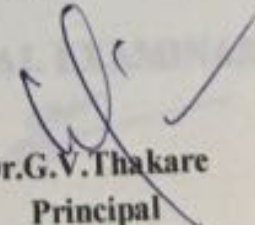
Prof. P. R. Khobragade
Project Guide



Prof. M. R. Nikhar
Project In-charge



Prof. R. S. Kedar
Head of Department
Civil Engineering
BDCE Sevagram



Dr. G. V. Thakare
Principal
BDCE Sevagram

Bapurao Deshmukh College of Engineering, Sevagram, Wardha.

Department of Civil Engineering

U.G. Program – B.E. Civil Engineering



CERTIFICATE

This is to certify that the Project entitled "**A STUDY ON USE OF GRAPHENE OXIDE AS ADMIXTURE IN CEMENT CONCRETE**" is bonafide proposed work under our supervision by the following group of students and is submitted for the subject Industrial Case Study and Seminar to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur in partial fulfillment of the requirement for the Degree of Bachelor of Civil Engineering

1] Jatin Pund

2] Avinash Wankar

3] Pranchika Ubhad

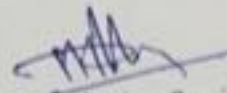
4] Rupali Deshmukh

5] Sanyam Kathale

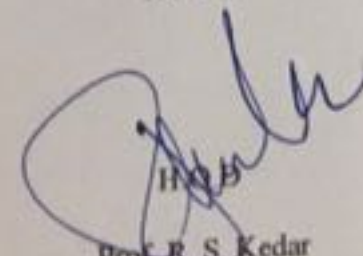
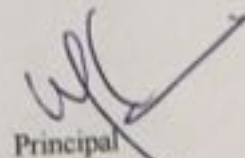
6] Suyog Muralkar


Guide

Prof. V. A. Kalmegh
Department of Civil Engineering
B.D.C.E. Sevagram
Wardha.


I/C Project Seminar

Prof. M. R. Nikhar
Department of Civil Engineering
B.D.C.E. Sevagram
Wardha.


Prof. R. S. Kedar
Department of Civil Engineering
B.D.C.E. Sevagram,
Wardha.
Principal

Dr. G. V. Thakre
Department of Civil Engineering
B.D.C.E. Sevagram,
Wardha.



Certificate

The project titled "Design System For Face Mask Detection And Body Temperature Analyzer" submitted by " Ms.Tejaswini Thool, Ms.Prachi Jamankar, Ms.Twinkal Bankar, Mr.Sahil Amale, Mr.Anand Bhende" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the De-partment of Computer Engineering of Bapurao Deshmukh College of Engi-neering, Sevagram.

PROF. MS. V. N. PAHUNE

Project guide
CE Department.

Assistant Professor

DR. A. N. THAKARE

Head of Department
CE Department.

H. O. D.

Department of Computer Engineering
B. D. College of Engineering, Sevagram

External Examiner

Name:- Prof. S. N. Bagdekar

Date:- 23 /06/2021

PROF. A. D. GOTMARE

Project Incharge
CE Department.

DR. G. V. THAKARE

Principal
BDCE, Sevagram

PRINCIPAL

B. D. College of Engineering,
SEVAGRAM (Warana)



Certificate

The project titled "Air & Sound Pollution Monitoring System using IOT & Machine Learning" submitted by "Harshali Ladekar, Parushni Chanekar, Vrushali Mohanapure, Chetan Sonare, Harshal Thakare" is partial fulfillment of requirement for the award of degree of **Bachelor of Engineering in Computer Engineering**, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.

[Signature]
19/07/2021

DR. A. N. THAKARE

Project Guide and Head of Department
CE Department.

H. O. D.

Department of Computer Engineering
B. D. College of Engg, SEWAGRAM



External Examiner

Name:-

Date:- 23/6/2021

[Signature]
20/07/21

PROF. A. D. GOTMARE

Project Incharge
CE Department.

Assistant Professor

DR. G. V. THAKRE

Principal
BDCE, Sevagram

PRINCIPAL

**B. D. College of Engineering,
SEWAGRAM (Wardha)**




Certificate

The project titled "3D MODELING OF WEBSITE IN AUGMENTED REALITY USING VUFORIA, BLENDER, UNITY." submitted by, Ms. VAISHNAVEE RAKHUNDE, Ms. RENUKA SAYANKAR, Ms. RANI BUDHBAWARE, Mr. UTKARSH SHIVHARE, Mr. PALASH MORE" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.


23/7/21
PROF. R. B. GHATE
Project guide
CE Department.


23/07/21
PROF. A. D. GOTMARE
Project Incharge
CE Department.

Assistant Professor

23/07/21
DR. A. N. THAKARE
Head of Department
CE Department.

Assistant Professor

DR. G. V. THAKRE
Principal
BDCE, Sevagram.

H. O. D.
Department of Computer Engineering
B. D. College of Engg; SEWAGRAM
External Examiner

Name:- 
S. N. DAGADKAR

Date: -23/6/2021



PRINCIPAL
B. D. College of Engineering,
SEWAGRAM (Wardha)



Certificate

The project titled "HTML Code Generation of Mockup Image using Machine Learning" submitted by "Ms. Pooja Bawane, Ms. Ankita Sahu, Mr. Adarsh Singh, Mr. Anand Singh, Ms. Rutuja Dhokne" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.


23/07/21
PROF. A. D. GOTMARE

Project guide
Project Incharge
C.E Department

Assistant Professor


23/07/2021


DR. A. N. THAKARE

Head of Department

C.E Department.

B. D. C.

Department of Computer Engineering
B. D. College of Engg; SEWAGRAM


DR. G. V. THAKRE

Principal

BDCE, Sevagram

PRINCIPAL,

**B. D. College of Engineering,
SEWAGRAM (Wardha)**




External Examiner


Name: - S. N. DAGADKAR

Date: 23/6/2021




Certificate


The project title "College Campus Virtual Experience Simulator" Submitted by "Ms. Akanksha Khode, Ms. Pratiksha Kapse, Ms. Shital Godghate, Mr. Akshay Raut, and Mr. Rahul Beseekar" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.


PROF. V. N. PAHUNE
Project guide
CE Department.

Assistant Professor


DR. A. N. THAKARE
Head of Department
CE Department.
H. O. D.

Department of Computer Engineering
B. D. College of Engg; SEWAGRAM


External Examiner
Name:- Dr. A. N. Thakare
Date:- 23/06/2021


PROF. A. D. GOTMARE
Project Incharge
CE Department.

Assistant Professor


DR. G. V. THAKRE
Principal
BDCE, Sevagram

PRINCIPAL
B. D. College of Engineering,
SEWAGRAM (Wardha)





Certificate

The project titled "A SECURITY MECHANISM FOR THE OIL PILFERAGE AND LEAKAGE DETECTION USING IOT" submitted by "Ms. SNEHA B. DUKARE, Ms. VAISHNAVI P. GAWALI, Ms. DURGA S. PATOND, Mr. AKSHAY S. BHONGE, Mr. NAYAN K. WANJARI" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.


PROF. K. V. WARKAR

Project guide
CE Department.

Assistant Professor


DR. A. N. THAKARE

Head of Department
CE Department.
H. O. D.

Department of Computer Engineering
B. D. College of Engg; SEWAGRAM

External Examiner 

Name:- Dr. A. N. Thakare

Date:- 23/06/2021


PROF. A. D. GOTMARE

Project Incharge
CE Department.

Assistant Professor


DR. G. V. THAKRE

Principal
BDCE, Sevagram

PRINCIPAL,
B. D. College of Engineering
SEWAGRAM (Wardha)





Certificate

The project titled "HEALTH PROCTORING AND DIET MANAGEMENT USING ANDROID APPLICATION" submitted by "POOJA KATHANE, MRUNALI NAWALE, PUNAM DAIGAVHANE, KRISHNA CHAUDHARI" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.

PROF. A. R. DANDEKAR

Project guide
CE Department.

Assistant Professor

19/07/2021

DR. A. N. THAKARE

Head of Department
CE Department.

H. O. D.

Department of Computer Engineering
B. D. College of Engg; SEVAGRAM


16/07/2021

PROF. A. D. GOTMARE

Project Incharge
CE Department.

Assistant Professor

DR. G. V. THAKRE

Principal
BDCE, Sevagram.

PRINCIPAL

B. D. College of Engineering
SEVAGRAM (Wardha)

External Examiner

Name:-

Dr. AN Thakare

Date:- 23/6/2021



Certificate


The project titled "Agricultural Performance Enhancement By Identifying Suitability of Soil for Specific Type Crop Using Image Processing" submitted by "Ms.Bhagyashri Kamble, Mr.Mohnish Pund, Mr.Piyush Apkaje, Ms.Priya Gomase, Ms.Sukanya Umbarkar" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.


PROF. A. R. WELEKAR
Project Guide
CE Department.

Assistant Professor

DR. A. N. THAKARE
Head of Department
CE Department.
H. O. D.

Department of Computer Engineering
B. D. College of Engg, SEVAGRAM

External Examiner 

Name:- DR. AN. THAKARE

Date:- 22/06/2021


PROF. A. D. GOTMARE
Project Incharge
CE Department.

Assistant Professor

DR. G. V. THAKRE
Principal
BDCE, Sevagram

PRINCIPAL
B. D. College of Engineering
Chandrapur (Wardha)





Certificate

The project titled "Cotton Leaf Disease Identification and Prescription Using Machine Learning" submitted by "Ankita K. Mandgaonkar, Aakanksha V. Bele, Pooja M. Dhole, Roshan R. Kubde, Shubham R. Jairaj" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.


PROF. A. R. WELEKAR

Project guide

CE Department

Assistant Professor


DR. A. N. THAKARE

Head of Department

CE Department

H. O. D.

Department of Computer Engineering
B. D. College of Engg; SEWAGRAM

External Examiner 

Name - DR. A. N. Thakare

Date - 23/06/2021


PROF. A. D. GOTMARE

Project Incharge

CE Department

Assistant Professor


DR. G. V. THAKRE

Principal

BDCE, Sevagram

PRINCIPAL


B. D. College of Engineering,
SEWAGRAM (Wardhe)





Certificate

The project titled " RECOGNITION OF ATTACKS ON DATASET FOR INTRUSION DETECTION USING MACHINE LEARNING " submitted by " MS. SUWARNA BOKADE, MS. ROSHANI JUNGHARE, MS. SHRAVANI TAWALE, MS. NEHA DHUMANE, MR. NITIN MOHURLE " is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.

For 
PROF. R. B. GHATE
Project guide
CE Department.


Assistant Professor


PROF. A. D. GOTMARE
Project Incharge
CE Department.

Assistant Professor


DR. A. N. THAKARE
Head of Department
CE Department.
B. D. College of Engg; SEWAGRAM

H. O. D.


DR. G. V. THAKRE
Principal
BDCE, Sevagram
PRINCIPAL
B. D. College of Engineering
SEWAGRAM (:Vardha)


External Examiner


Name: *Prof. A. R. Welekar*
Date: - 23/06/2021





Certificate

The project titled "Custom application in cloud environment using Augmented Random Search" submitted by "Miss. Samiksha K. Wandhare, Miss. Gayatri G. Kashikar, Miss. Sneha G. Chavhan, Mr. Pravin B. Gajbhiye" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.


Prof K. V. Warkar
Project guide
CE Department.

Assistant Professor



Dr. A. N. Thakare
Head of Department
CE Department.

Department of Computer Engineering
B. D. College of Engg; SEWAGRAM




Prof. A. D. Gotmare
Project Incharge
CE Department.

Assistant Professor


Dr. G. V. Thakre
Principal
BDCE, Sevagram

PRINCIPAL
B. D. College of Engineering,
SEWAGRAM (Wardha)

External Examiner

Name:-  Prof. A. D. Gotmare

Date:- 23 / 6 / 2021



Certificate

The project titled "Fake Face Detection System using Machine Learning" submitted by Ruksar Tayyab Shah, Shital Premaraji Hiwarkar, Vaishnavi Harish Dafare, Ramesh Pandurang Gugale, Shahejad Rauf Sheikh" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision of "Prof. A. D. Gotmare" at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.


05/09/2021
PROF. A. D. GOTMARE

Project guide
Project incharge
C.E Department.

Assistant Professor


DR. A. N. THAKARE

Head of Department
CE Department

H. O. D.

Department of Computer Engineering
B.D. College of Engg; SEWAGRAM


DR. G. V. THAKRE

Principal
BDCE, Sevagram

PRINCIPAL

B. D. College of Engineering
SEWAGRAM (Wardha)


External Examiner

Name:- Prof. A. R. Walekar
Date:- 23/6/2021





Certificate

The project titled "MONITORING THE UNAIDED LIVING OLD PATIENTS AT HOME USING SURVEILLANCE SYSTEM" submitted by "MS. BHARTI JAWADE, MS. PRANALI ANDRASKAR, MS. PRATIKSHA WATKAR, MS. VAISHALI GAJABE, MR. NEHAL KATHALE, MR. SHIVAJI VEER" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.

DR. A. N. THAKARE
Project guide & Head of Department
CE Department

B. D. C. E.
Department of Computer Engineering
B. D. College of Engg; SEWAGRAM



PROF. A. D. GOTMARE
Project Incharge
CE Department.

Assistant Professor
Dept of Computer Engineering

DR. G. V. THAKRE
Principal
BDCE, Sevagram

PRINCIPAL,
B. D. College of Engineering
SEWAGRAM (Wardha)

External Examiner

Name:- Prof. A. D. Gotmare

Date:- 23/6/2021



Certificate

The project titled "SMART AGRICULTURE MONITORING SYSTEM USING INTERNET OF THINGS AND KIOSK SYSTEM" submitted by "Mr. AKSHAY TADAS, Ms. AISHWARYA DHOBLE, Ms. SHEETAL BONDRE, Ms. HARSHADA THOMBRE, Ms. ACHAL BHITRE" is partial fulfillment of requirement for the award of degree of Bachelor of Engineering in Computer Engineering, has been carried out under our supervision at the Department of Computer Engineering of Bapurao Deshmukh College of Engineering, Sevagram.

PROF. A. R. DANDEKAR

Project guide
CE Department

Assistant Professor

PROF. A. D. GOTMARE

Project Incharge
CE Department

Assistant Professor

DR. A. N. THAKARE

Head of Department
CE Department

H. O. D.

Department of Computer Engineering
B. D. College of Engg; SEWAGRAM



DR. G. V. THAKRE

Principal
BDCE, Sevagram

PRINCIPAL

B. D. College of Engineering,
SEWAGRAM (Wardha)

External Examiner

Name - **PROF. A. R. WELEKAR**

Date - 23/06/2021

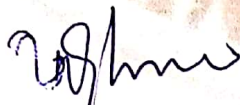
Certificate

This is to certify that the thesis entitled, **"Design And Automation In Indian Agriculture Using Hydroponic Farming Technology"**, submitted towards partial fulfillment for the award of Degree of Bachelor of Engineering in Mechanical Engineering in the faculty of Engineering and Technology of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur is bonafide project work carried out under my supervision and guidance. The contents have not been submitted to any other institute for the award of any Degree or Diploma. It is further certified that references made to the works of others have been cited in the text.

SUBMITTED BY

1. **Hrishikesh Bhale**
2. **Saurabh Bhagat**
3. **Harshal Kumbhare**
4. **Rajkumar Ingole**

5. **Kunal Kamble**
6. **Deepak Umre**
7. **Shubham Parude**
8. **Mayur Rajurkar**



Dr. U.D. Gulhane

Project Guide

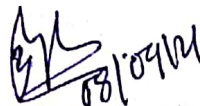
Department of Mechanical Engineering



Prof. R. D. Thakare

Project In-Charge

Department of Mechanical Engineering



Dr. M. J. Sheikh

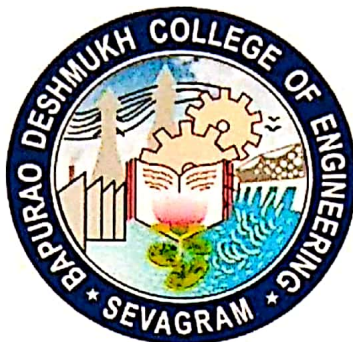
Head Department of Mechanical Engineering



Dr. G. V. Thakare

Principal of Bapurao Deshmukh College of Engineering

Department of Mechanical Engineering
Bapurao Deshmukh College of Engineering, Sevagram
Wardha-442001
2020-21



CERTIFICATE

This is to certify that the project entitled “**DESIGN AND FABRICATION OF AUTOMATIC BIKE SIDE STAND AND FOOTREST**” is a bonafide work and it is submitted to the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the partial fulfilment of the requirement for the degree of Bachelor of Engineering in Mechanical Engineering, during the academic year 2020-21 under my guidance and to my satisfaction.

SUBMITTED BY

Divya G. Kamdi
Ruchit G. Vidhate
Sandesh V. Wankhede
Tejesh B. Mahure

Abhijit R. Raghatate
Rshikesh D. Bhomale
Shubham S. Kharate
Vaibhav M. Khade

Prof. R. J. Dahake
Project Guide
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Dr. M. J. Sheikh
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Prof. R. D. Thakre
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Dr. G. V. Thakre
Principal
Bapurao Deshmukh College of
Engineering, Sevagram.

Department of Mechanical Engineering
Bapurao Deshmukh College of Engineering, Sevagram
2020-21



CERTIFICATE

*This is to certify that the project entitled "**Development Of Passive Solar Tracker**" is a bonafide work and it is submitted to the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the partial fulfillment of the requirement for the degree of Bachelor of Engineering in Mechanical Engineering, during the academic year 2020-21 under my guidance and to my satisfaction.*

By,

Vaidehi.G.Wanode
Abhishek.K. Chungade
Aditya.N. Jaiswal
Manthan.K.Pelne

Nayan.N.Kuttermare
Nilesh.R. Gode
Sajan.D. Lambat
Vaibhav.B.Sengar

Prof. R. W. PATIL

Guide

Department of Mechanical Engineering
Bapurao Deshmukh College of
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Dr. M. J. Sheikh

Prof. & Head

Department of Mechanical Engineering
Bapurao Deshmukh College of
Engineering, Sevagram.

Prof. R. D. Thakre

Project Incharge

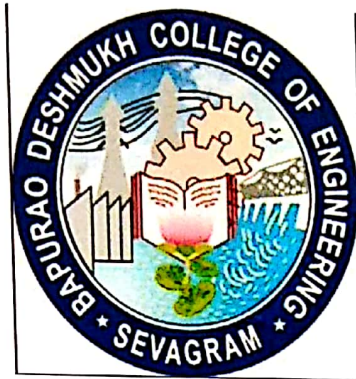
Department of Mechanical Engineering
Bapurao Deshmukh College of
Engineering, Sevagram.

Dr. G. V. Thakre

Principal

Bapurao Deshmukh College of
Engineering, Sevagram.

Department of Mechanical Engineering
Bapurao Deshmukh College of Engineering, Sevagram
2020-21



CERTIFICATE

This is to certify that the project entitled "Design and Fabrication of vegetables and fruit cleaning machine" is a bonafide work and it is submitted to the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the partial fulfillment of the requirement for the degree of Bachelor of Engineering in Mechanical Engineering, during the academic year 2020-21 under my guidance and to my satisfaction.

By,

Ashwini Chandankhede
Sapna Taksande
Rohit Bolne
Yash Panchbhai

Deepali Kathane
Atul Wasekar
Vikas Yadav

Dr. R. R. Gawande
Guide

Department of Mechanical Engineering
Bapurao Deshmukh College of
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Dr. M. J. Sheikh
Prof. & Head

Department of Mechanical Engineering
Bapurao Deshmukh College of
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Dr. G. V. Thakre
Principal
Bapurao Deshmukh College of
Engineering, Sevagram.

DEPARTMENT OF MECHANICAL ENGINEERING
BAPURAO DESHMUKH COLLEGE OF ENGINEERING,
SEVAGRAM, WARDHA

2020-21



CERTIFICATE

This is to certify that the mega project on “**DESIGN AND FABRICATION OF BUTTON OPERATED AUTO GEAR SHIFTER**” has been performed successfully for partial fulfillment of term work of VIII Semester Mechanical Engineering of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur during academic session 2020-21. This is the record of their work under my guidance and to my immense satisfaction.

Prof. N. P. Doshi
Project Guide
Dept. of Mechanical Engineering
B. D. C. E. Sevagram

Prof. R. D. Thakre
Project Incharge
Dept. of Mechanical Engineering
B. D. C. E. Sevagram

Dr. M. J. Sheikh
Prof. & Head
Dept. of Mechanical Engineering
B.D.C.E. Sevagram

Dr. G. V. Thakre
Principal
Dept. of Mechanical Engineering
B.D.C.E. Sevagram

DEPARTMENT OF MECHANICAL ENGINEERING
B. D. C. E. RAO DESHMUKH COLLEGE OF ENGINEERING,
SEVAGRAM, WARDHA

2019-20



CERTIFICATE

This is to certify that the mega project on “DEVELOPMENT OF OIL SEED CAKE MILL (CAKE POWDER MAKING MACHINE)” has been performed successfully for partial fulfillment of term work of VIII Semester Mechanical Engineering of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur during academic session 2020-21. This is the record of their work under my guidance and to my immense satisfaction.

Prof. M. S. Jibhakate
Mega Project Guide
Dept. of Mechanical Engineering
B. D. C. E. Sevagram

Dr. M. J. Sheikh
Prof. & Head
Dept. of Mechanical Engineering
B.D.C.E. Sevagram

Prof. R. D. Thakre
Mega Project Incharge
Dept. of Mechanical Engineering
B. D. C. E. Sevagram

Dr. G. V. Thakre
Principle
Dept. of Mechanical Engineering
B.D.C.E. Sevagram

**Department of Mechanical Engineering
Bapurao Deshmukh College of Engineering, Sevagram
2020-21**



CERTIFICATE

*This is to certify that the project entitled "**Design and Fabrication of Spherical Robot**" is a bonafide work and it is submitted to the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the partial fulfillment of the requirement for the degree of Bachelor of Engineering in Mechanical Engineering, during the academic year 2020-21 under my guidance and to my satisfaction.*

By,


**Srushti Tete
Abdul Ahad Sheikh
Bhuvan Nandeshwar
Gaurav Badwaik**


**Aashutosh Waghmare
Aniket Jain
Chandrakant Gajbhiye
Uday Warakar**

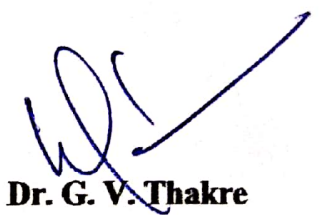
Aditya S Dhumal


Prof. R. D. Thakre
Guide

**Department of Mechanical Engineering
Bapurao Deshmukh College of
Engineering, Sevagram.**


Dr. M. J. Sheikh
Prof. & Head
**Department of Mechanical Engineering
Bapurao Deshmukh College of
Engineering, Sevagram.**


Prof. R. D. Thakre
Project Incharge
**Department of Mechanical Engineering
Bapurao Deshmukh College of
Engineering, Sevagram.**


Dr. G. V. Thakre
Principal
**Bapurao Deshmukh College of
Engineering, Sevagram.**

Department of Mechanical Engineering
Bapurao Deshmukh College of Engineering, Sevagram
2020-21



CERTIFICATE

*This is to certify that the project entitled "**DESIGN & FABRICATION OF ELLIPTICAL DRIVEN BY CYCLE FOR COST OPTIMIZATION**" is a bonafide work and it is submitted to the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the partial fulfillment of the requirement for the degree of Bachelor of Engineering in Mechanical Engineering, during the academic year 2020-21 under my guidance and to my satisfaction.*

By,

Nishikant Urkude

Swapnil Tidke

Nehal chawake

Narayan Bawane

Omprakash Lonarwar

Akash Moon

Nayan Wanaskar

Pratap Dhanvij

Prof. A.M. KAKDE
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Department of Mechanical Engineering

Dr. G. V. Thakre
Principal
Bapurao Deshmukh College of
Engineering, Sevagram

Department of Mechanical Engineering
Bapurao Deshmukh College of Engineering,
Sevagram Wardha -442102

2020-2021



Since 1983

CERTIFICATE

This is to certify that project seminar on “**DEVELOPMENT OF MOBILE CONTROLLED TROLLEY**” (FOR HOSPITAL USE) has been performed successfully for partial fulfillment of term work of VIIIth Semester Mechanical Engineering of Rashtrasant Tukadoji Maharaj Nagpur University during academic session 2020-2021. This is the record of their work under my guidance and to my immense satisfaction.

Prof. Y.V. Mahantare
Project Guide
Dept. of Mechanical Engineering
B.D.C.E. Sevagram

Prof. R. D. Thakare
Project In charge
Dept. of Mechanical Engineering
B.D.C.E. Sevagram

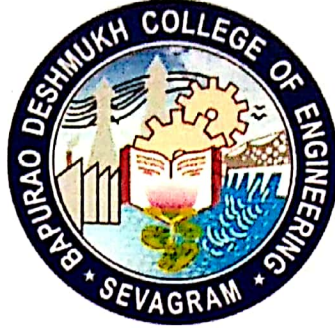
Dr. M. J. Sheikh
Head
Dept. of Mechanical Engineering
B.D.C.E. Sevagram

Dr. G. V. Thakre
Principal
B.D.C.E. Sevagram

Yeshwant Rural Educations Society's

Bapurao Deshmukh College of Engineering, Sevagram

2020-2021




CERTIFICATE

This is to certify that the project entitled "Design and fabrication of pesticides spraying machine" is a bonafide work and it is submitted to the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the partial fulfillment of the requirement for the degree of Bachelor of Engineering in Mechanical Engineering, during the academic year 2020-21 under my guidance and to my satisfaction.


Submitted By

- | | |
|-----------------------|-------------------|
| 1. Akshay J.Ghuguskar | 2. Rajat Zade |
| 3. Chetan Gaikwad | 4. Suraj Wagde |
| 5. Gaurav Waze | 6. Nikhil V.Khose |
| 7. Aniket Thool | 8. Prashant Dhote |

Date:


Dr. B. V. Lande

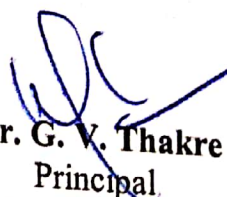
Guide
Department of Mechanical Engineering


Dr. M. J. Sheikh

Head of Department
Department of Mechanical Engineering

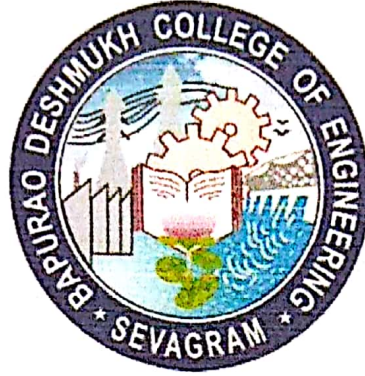

Prof. R. D. Thakre

Project In charge
Department of Mechanical Engineering


Dr. G. V. Thakre
Principal

Bapurao Deshmukh College of Engineering,
Sevagram.

Department of Mechanical Engineering
Bapurao Deshmukh College of Engineering, Sevagram
2020-21



CERTIFICATE

*This is to certify that the project entitled "**Design and Fabrication of Semi-Automatic Potter Wheel**" is a bonafide work and it is submitted to the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the partial fulfillment of the requirement for the degree of Bachelor of Engineering in Mechanical Engineering, during the academic year 2020-21 under my guidance and to my satisfaction.*

Submitted By,

Ashna Raghuwanshi - 10
Anjali Raghuwanshi - 10
Shraddha Kohad
Manoj Bhoyar - 28775

Pravin Jadhav - 10
Akash Tingase
Rajat Dhurve
Pravin Narnawre

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Prof. & Head
Department of Mechanical Engineering
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Prof. A. B. Tupkar
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Dr. G. V. Thakre
Principal
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DEPARTMENT OF MECHANICAL ENGINEERING
BAPURAO DESHMUKH COLLEGE OF ENGINEERING,
SEVAGRAM WARDHA -442102
2020-2021



CERTIFICATE

This is to certify that project seminar on “**DESIGN AND FABRICATION OF SMART AUTOMATIC CURTAIN WINCHING SYSTEM IN A POULTRY FARM**” has been performed successfully for fulfilment of term work of VIIIth Semester Mechanical Engineering of Rashtrasant Tukadoji Maharaj Nagpur University during academic session 2020-2021. This is the record of their work under my guidance and to my immense satisfaction.

Prof. S. M. FULMALI
Project Guide
Dept. of mechanical Engg.


Prof. R. D. THAKARE
Project In charge
Dept. of Mechanical
Engineering

DR. M. J. SHEIKH
Head of Department
Dept. of Mechanical
Engineering

DR. G. V. THAKRE
PRINCIPAL
B.D.C.E. SEVAGRAM

CERTIFICATE

This is to certify that Ms. Nayan Kishor Awchat is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A study on Effectiveness of Training and Development and Its impact on Employees Performance and productivity with special reference to Uttam Galva Metallic's Ltd., Wardha" under the guidance of Prof. Dr. S. B. Diwate. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.


Prof. Dr. S. B. Diwate

Project Guide

DMS, BDCE, Sevagram


Dr. R. Q. Panchariya

HOD

DMS, BDCE, Sevagram


Dr. G. V. Thakre

Principal

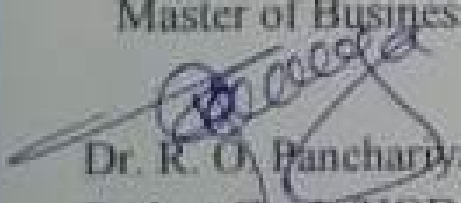
BDCE, Sevagram

Date : 8/10/2021

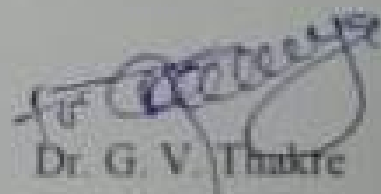
Place: Sevagram, Wardha

CERTIFICATE

This is to certify that **Ms. Kalyani B. Bhimte** is a bonafide student of **MBA Semester - IV** in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "**A Comparative Study On Home Loan Offered By Public And Private Sector Banks**" under the guidance of **Dr. R. O. Panchariya**. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.



Dr. R. O. Panchariya
Project Guide/HOD
DMS, BDCE, Sevagram



Dr. G. V. Thakre
Principal
BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that Ms. Shubhangi P. Khade is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A STUDY ON EMPLOYEE RETENTION AT UTTAM GALVA METALLICS LIMITED, WARDHA" under the guidance of Dr. S. B. Diwate. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfillment of the requirement for the degree of Master of Business Administration.



Dr. S. B. Diwate

Project Guide

DMS, BDCE, Sevagram



Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram



Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that **Ms. Diksha B. Thool** is a bonafide student of **MBA Semester - IV** in Department of Management Studies, **Bapurao Deshmukh College of Engineering, Sevagram, Wardha** for Academic Session 2020-21 has completed his/her project work entitled "**A study on effectiveness of employees health and safety measures at uttam galva metallic limited,wardha**" under the guidance of **Dr.S.B.Diwate**. The project report is being submitted to **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur** in partial fulfilment of the requirement for the degree of Master of Business Administration.



Dr. S. B. Diwate

Project Guide

DMS, BDCE, Sevagram



Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram



Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that Ms. Amruta Prashant Kasatwar is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A study on Employee Welfare Measures At Uttam Galva Metalics Limited, Wardha" under the guidance of Dr. S. B. Diwate. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.



Dr. S. B. Diwate

Project Guide


DMS, BDCE, Sevagram



Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram



Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that Ms.Akanksha A Thote is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "To study the performance appraisal at Bharti Airtel with special reference in wardha city" under the guidance of Dr.S.B.Diwate. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.



Dr. S.B.Diwate

Project Guide

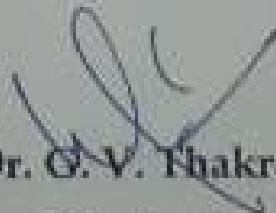
DMS, BDCE, Sevagram



Dr. R. O. Ranchariya

HOD

DMS, BDCE, Sevagram



Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that Ms. Nupur V. Mungle is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "To Study Hr-Audit: Auditing Hr Practices At Reliance Power (VIPL), Nagpur" under the guidance of Dr. S.B. Diwate Guide. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.



Dr. S.B. Diwate

Project Guide

DMS, BDCE, Sevagram



Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram



Dr. G. V. Thakre

Principal

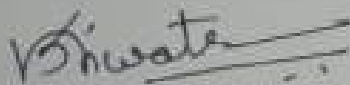
BDCE, Sevagram

Date: 27/10/21

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that **Mr. RAHEL A. KHAN** is a Bonafide student of **MBA Semester - IV** in Department of Management Studies, **Bapurao Deshmukh College of Engineering, Sevagram, Wardha** for Academic Session 2020-21 has completed his/her project work entitled **"A STUDY ON MOTIVATION OF EMPLOYEES AT HDFC BANK, WARDHA"** under the guidance of **Dr. S.B. DIWATE**. The project report is being submitted to **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur** in partial fulfilment of the requirement for the degree of Master of Business Administration.


Dr. S.B. DIWATE

Project Guide

DMS, BDCE, Sevagram



Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram


Dr. G. V. Khakre

Principal

BDCE, Sevagram

Date:

Place: Sevagram, Wardha

CERTIFICATE

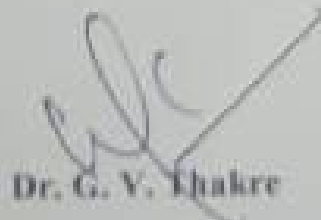
This is to certify that Ms. Harshada Ashokrao Ugemuge is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "**A Study on Recruitment Process at HDFC, Wardha.**" under the guidance of Dr. Suhas Diwate. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfillment of the requirement for the degree of Master of Business Administration.


Dr. Suhas Diwate

Project Guide/HOD


Dr. R. O. Panhariya

DMS, BDCE, Sevagram


Dr. G. V. Thakre

Principal BDCE, Sevagram

Date:

Place: Sevagram, Wardha

CERTIFICATE


This is to certify that **Ms. Shraddha. D. Bhalerao** is a bonafide student of **MBA Semester - IV** in Department of Management Studies, **Bapurao Deshmukh College of Engineering, Sevagram, Wardha** for Academic Session **2020-21** has completed his/her project work entitled **"A STUDY ON FINANCIAL ANALYSIS OF HDFC BANK FOR THE PERIOD 2018 TO 2021"** under the guidance of **Dr. R. O. Panchariya**. The project report is being submitted to **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur** in partial fulfilment of the requirement for the degree of **Master of Business Administration**.



Dr. R. O. Panchariya

Project Guide


DMS, BDCE, Sevagram



Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram



Dr. G. V. Thakre

Principal

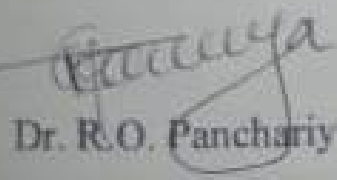
BDCE, Sevagram

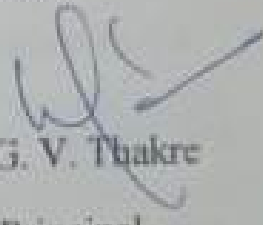
Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that Miss. Priyanka S. Darne is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A STUDY ON CUSTOMERS PERCEPETION TOWARDS ONLINE PAYMENT SYSTEM WITH SPECIAL REFERENCE TO WARDHA CITY" under the guidance Prof. Dr. R. O. Panchariya. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.


Dr. R.O. Panchariya
Project Guide, HOD
DMS, BDCE, Sevagram

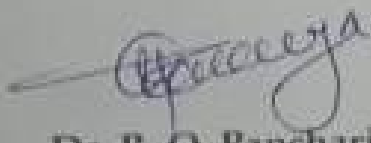

Dr. G. V. Thakre
Principal
BDCE, Sevagram

Date:

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that ~~Mr./Ms.~~ **Papil R. Kamdi** is a bonafide student of **MBA Semester - IV** in Department of Management Studies, **Bapurao Deshmukh College of Engineering, Sevagram, Wardha** for Academic Session 2020-21 has completed his/her project work entitled **"A Study on Investor's Perception on Initial Public Offering with Special Reference to Wardha City "** under the guidance of **Dr. R .O Panchariya** . The project report is being submitted to **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur** in partial fulfilment of the requirement for the degree of **Master of Business Administration.**



Dr. R. O. Panchariya
Project Guide & HOD
DMS, BDCE, Sevagram



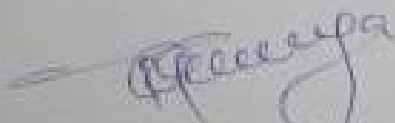
Dr. G. V. Thakre
Principal
BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that Ms. Dolly Bhaiyyaji Timande is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed her project work entitled "A Study on The Customer Perception Towards Mobile Banking service of State Bank Of India With Special Reference to Wardha City" under the guidance of Dr.R.O.Panchariya Sir.The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.



Dr. R. O. Panchariya

Project Guide

DMS, BDCE, Sevagram



Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram



Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

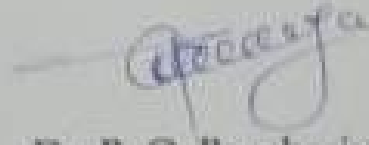
This is to certify that Ms. Pooja Sureshrao Parimal is a bonafide student of
MBA Semester - IV in Department of Management Studies, Bapurao
Deshmukh College of Engineering, Sevagram, Wardha for Academic Session
2020-21 has completed her project work entitled "A Study on Ratio Analysis
of Uttam Galva Metallics Limited, Wardha" under the guidance of Dr. R. O.
Panchariya. The project report is being submitted to Rashtrasant Tukadoji
Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement
for the degree of Master of Business Administration.



Dr. R. O. Panchariya

Project Guide

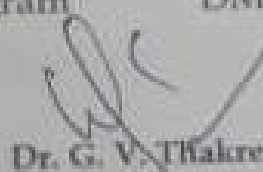
DMS, BDCE, Sevagram



Dr. R. O. Panchariya

HOD

DMS/ BDCE, Sevagram



Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that Ms. Madhuri Dhanraj/Singh Bais is a bonafide student of MBA semester - IV in Department of Management Studies, Hapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A study on effectiveness of Performance Appraisal and its impact on employee productivity with reference to BSNL, Wardha." under the guidance of Dr. S. B. Diwate. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfillment of the requirement for the degree of Master of Business Administration.



Dr. S. B. Diwate

Project Guide

DMS, BDCE, Sevagram



Dr. R. D. Banchariya

HOD

DMS, BDCE, Sevagram



Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha.

CERTIFICATE

"This is to certify that the investigation described in this report titled *"a study of dividend policy with reference to sbi life insurance company"* has been carried out by *ms pratiksha takamde* during the summer internship project. the study was done in the organisation *sbi life insurance in wardha*, in partial fulfillment of the requirement for the degree of master of administration of *r.t.m nagpur university, nagpur*.

this work of the candidate, complete in all respect and is of sufficiently high standard to warrant its submission to the said degree. the assistance and resource used for this work are duly acknowledged".



Dr.R.O. Pachariya
Project guide
DMS,B D C E Sewagram



Dr.G.V. Chakre
Principle
DMS,B D C E Sewagram

CERTIFICATE

This is to certify that Mr. Aniket S. Tembhare is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A Study On Working Capital Management On ESAF Small Finance Bank operating in Wardha City" under the guidance of Dr. R. O. Panchariya. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfillment of the requirement for the degree of Master of Business Administration.


Dr. R. O. Panchariya

Project Guide, HOD

DMS, BDCE, Sevagram


Dr. G. V. Thakre

Principal

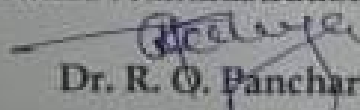
BDCE, Sevagram

Date :


Place: Sevagram, Wardha

CERTIFICATE

This is to certify that Ms. Shradha Sushilkumar Bhutada is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A STUDY OF INVESTMENT PATTERN AND PREFERENCE OF RETAIL INVESTORS WITH SPECIAL REFERENCE TO WARDHA CITY" under the guidance of Dr. R. O. Panchariya. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.


Dr. R. O. Panchariya
Project Guide

DMS, BDCE, Sevagram


Dr. R. O. Panchariya
HOD

DMS, BDCE, Sevagram

Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date:

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that Ms. Payal Burande is a Bonafide student of MBA Semester- IV in Department of Management studies, Bapurao Deshmukh College Of Engineering Sevagram, Wardha for academic session 2020-21 has completed her Project work entitled "A STUDY ON FINANCIAL STATEMENT ANALYSIS OF BHARAT HEAVY ELECTRICALS LTD." under the guidance of Dr. R.O. Panchariya. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfillment of the requirement for the degree of Master of Business Administration.



Dr. R.O. Panchariya.
Project Guide & HOD.
DMS, BDCE, Sevagram.



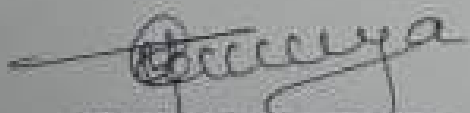
Dr. G.V. Thakre
Principal
BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

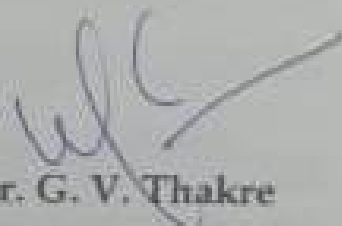
This is to certify that Mr. Sagar K. Muneshwar is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A Study on Working Capital Management of Utkarsh small Finance Bank operating in Wardha city" under the guidance of Dr. R. O. Panchariya. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.



Dr. R. O. Panchariya

Project Guide & HOD

DMS, BDCE, Sevagram



Dr. G. V. Thakre

Principal

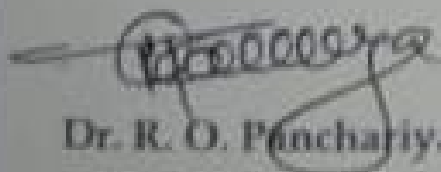
BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that *ms. Pragati s. Mohite* is a bonafide student of *MBA* semester - iv in Department of Management Studies, *Bapurao Deshmukh College Of Engineering, Sevagram, Wardha* for academic session 2020-21 has completed his/her project work entitled "*An Analytical Study Of Loans & Advance Of Buldhana Urban Bank, Maharashtra*" under the guidance of *Dr. R. O. Panchariya*. The project report is being submitted to *Rashtrasant Tukadoji Maharaj Nagpur university, Nagpur* in partial fulfillment of the requirement for the degree of master of business administration.



Dr. R. O. Panchariya

project guide, hod

DMS, BDCE, sevagram



Dr. G. V. Thakre

principal

BDCE, sevagram

Date :

Place: sevagram, wardha

CERTIFICATE

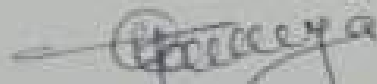
This is to certify that Mr. Shrawan Rameshwar Yadav is a bonafide student of MBA semester-IV in Department of Management Studies, Bapusa Deshmukh College of Engineering, Sevagram. For the Academic Session 2020-21 has completed his project work entitled **"ANALYSIS AND STUDY ON CONSUMER SATISFACTION AND DELIGHT WITH E-COMMERCE ONLINE SHOPPING PORTALS"** Under the guidance of Prof. S. S. Kitey Sir. The report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfillment of the requirement for the degree of Master Of Business Administration.



PROF. S. S. KITEY

Project Guide

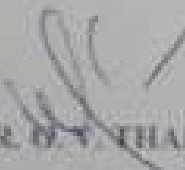
DMS, BDCE, Sevagram



DR. R. O. PANCHARIYA

HOD

DMS, BDCE, Sevagram



DR. D. Y. THAKRE

Principal

BDCE, Sevagram

Date:

Place: Sevagram, Wardha


CERTIFICATE

This is to certify that Ms. Payal Gajanan Wankhede is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A study of Customer satisfaction with reference to Hyundai Motors in Latur city" under the guidance of Prof. S. S. Kitey. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.


Prof. S. S. Kitey


Project Guide

DMS, BDCE, Sevagram


Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram


Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that Mr. Amit S. Raghatate is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A Study of marketing strategy of Maruti Suzuki with special reference to Seva Automotive in Wardha city" under the guidance of Prof. S. S. Kitey. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.



Prof. S. S. Kitey

Project Guide


DMS, BDCE, Sevagram



Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram



Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha


CERTIFICATE

This is to certify that Mr. SAGAR S. BOBADE is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Doshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his project work entitled "A STUDY OF MARKETING STRATEGY OF HYNDAI MOTORS INDIA WITH SPECIAL REFERENCE TO WARDHA CITY" under the guidance of Prof. S. S. KITEY. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.



Prof. S. S. KITEY Project Guide

DMS, BDCE, Sevagram



Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram



Dr. G. V. Bhakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This to certify that **Mr. Shubham S. Zade** is a bona fide student of M.B.A. Semester-IV in department of management studies, **B.D. College Of Engineering, Sevagram** for the academic session 2020 - 2021 has completed his project work entitled "**A Study of Sales Promotion Activities of Insurance Companies with Special Reference to SBI Life Insurance In Wardha City**"

under the guidance of **Prof. Swapnil Kitey**. The project is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, in partial fulfilment of the requirement for the degree of Master of Business Administration.



Prof. Swapnil Kitey

Project Guide

DMS, B.D.C.E. Sevagram.



Dr. Ram O. Panchariya

HOD

DMS, B.D.C.E. Sevagram.



Dr. G. S. Thakre

Principal

B.D.C.E. Sevagram.


CERTIFICATE

This is to certify that Mr. Amol M. Jagtap is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his project work entitled "A Comparative study of car loan and commercial vehicle loan with special reference to Au small finance bank, Wardha city" under the guidance of Prof. Swapnil S. Kitey The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.


Prof. Swapnil S. Kitey


Project Guide

DMS, BDCE, Sevagram


Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram


Dr. G. V. Thakre
Principal

BDCE, Sevagram

Date :

Place : Sevagram, Wardha.

CERTIFICATE

This is to certify that **Mr. Ajinkya K. Aher** is a bonafide student of **MBA Semester - IV** in Department of Management Studies, **Bapurao Deshmukh College of Engineering, Sewagram, Wardha** for Academic Session 2020-21 has completed his/her project work entitled "**A Study of Consumers Buying Behavior Towards Big Bazaar in Nagpur City**" under the guidance of **Prof. Swpnil S. Kitey**. The project report is being submitted to **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur** in partial fulfilment of the requirement for the degree of **Master of Business Administration**.



Prof. Swapnil S Kitey

Project Guide

DMS, BDCE, Sewagram



Dr. R. O. Panchariya

HOD

DMS, BDCE, Sewagram



Dr. G. V. Thakre

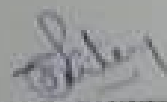
Principal

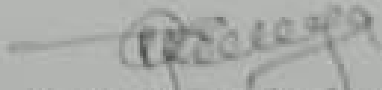
BDCE, Sewagram

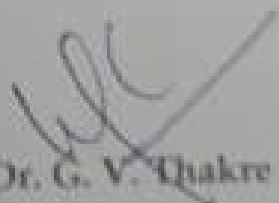
Date:

Place: Sewagram, Wardha

This is to certify that Mr. AKASH V. KANNAKE is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his project work entitled "A STUDY OF MARKETING STRATEGY OF MARUTI SUZUKI WITH SPECIAL REFERENCE TO WARDHA CITY" under the guidance of Prof. S. S. KITEY. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.


Prof. S. S. KITEY Project Guide
DMS, BDCE, Sevagram


Dr. R. O. Panchariya
HOD
DMS, BDCE, Sevagram



Dr. G. V. Thakre
Principal
BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This is to certify that **Mr. Kishor Dhore** is a bonafide student of **MBA Semester -IV** in Department of Management Studies, **Bapurao Deshmukh College of Engineering, Sevagram, Wardha** for Academic Session 2020-21 has completed his project work entitled "**A STUDY OF EMPLOYEE SATISFACTION AND MOTIVATION IN RETAIL SECTOR**" under the guidance of **Prof. P. D. Bahurupi**. The project report is being submitted to **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur** in partial fulfillment of the requirement for the degree of Master of Business Administration.



Prof. P. D. Bahurupi

Project Guide DMS,
BDCE, Sevagram



Dr. R. O. Panchariya

HOD
DMS, BDCE, Sevagram



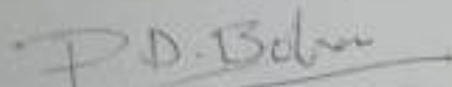
Dr. G. V. Thakre
Principal
BDCE, Sevagram

Date :

Place: Sevagram, Wardha

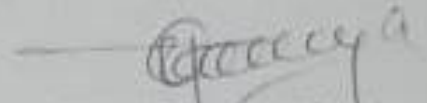
CERTIFICATE

This is to certify that MS. Srushti V. Chaudhari is a bonafide student of MBA Semester - IV in Department of Management Studies, Bapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A study of on risk and return analysis of mutual of a special reference of ICICI mutual fund in Wardha City" under the guidance of Prof. P. D. Bahurupi. The project report is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in partial fulfilment of the requirement for the degree of Master of Business Administration.


Prof. P. D. Bahurupi

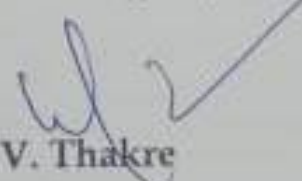
Project Guide

DMS, BDCE, Sevagram


Dr. R. O. Panchariya

HOD

DMS, BDCE, Sevagram


Dr. G. V. Thakre

Principal

BDCE, Sevagram

Date :

Place: Sevagram, Wardha

CERTIFICATE

This to certify that **Miss. Vaishali A. Khurode** is a bona fide student of MBA, Semester-IV in department of management studies, B.D. College Of Engineering, Sevagram for the academic session 2020 - 2021 has completed his project work entitled "Effectiveness for Training and Development Practices on Employees Performance (Special Reference to WCL)"

under the guidance of **Prof. Praful Bahurupi**, The project is being submitted to Rashtrasant Tukadoji Maharaj Nagpur University, in partial fulfillment of the requirement for the degree of Master of Business Administration.


Prof. Praful Bahurupi

Project Guide

DMS, B.D.C.E. Sevagram.


Dr. Ram O. Panchariya

HOD

DMS, B.D.C.E. Sevagram.


Dr. G. V. Chakre

Principal

B.D.C.E. Sevagram.

Department Of Mechanical Engineering
Bapurao Deshmukh College Of Engineering, Sevagram,
Wardha-442001
(2020-2021)

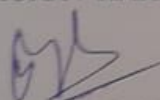
CERTIFICATE

This is to certify that the industrial case study work on "DESIGN AND FABRICATION OF FOLDABLE STAIR CLIMBER" has been performed successfully for partial fulfillment of term work of VIIIth semester Mechanical Engineering of Rashtrasant Tukadoji Maharaj Nagpur University during academic session 2020-221. This is the record of their work under my guidance and to my immense satisfaction.

SUBMITTED BY

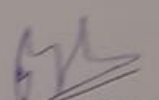
ANIKET TAPRE
PRANAY ZADE
MANGESH MANDLIK
PRANAV KHADSE
GAURAV KAKHE

AMIT LOTE
CHETAN POHANE
RAJAT RAMTEKE
ADITYA SONAVANE




Dr. M. J. Sheikh
Guide


Department Of Mechanical Engineering,



Dr. M. J. Sheikh
Head Of Project In Charge
Department Of Mechanical
Engineering



Dr. R. D. Thakre
Project Co In Charge
Department Of Mechanical Engineering,




Dr. G. V. Thakre
Principal
Bapurao Deshmukh College Of
Engineering, Sewagram


External Examiner


Seal

CERTIFICATE

This is to certify that Mr. Swapnil S. Mahajan is a bonafide student of MBA Semester - IV in Department of Management Studies, Dapurao Deshmukh College of Engineering, Sevagram, Wardha for Academic Session 2020-21 has completed his/her project work entitled "A Study On Training And Development Practices for Insurance Agents and Their Effectiveness At Life Insurance Corporation Of India In Wardha City" under the guidance of Prof. Mr. P. D. Baharupi. The project report is being submitted to Rashantak Tukdesai Maharastra Nagpur University, Nagpur in partial fulfillment of the requirement for the degree of Master of Business Administration.


Prof. Mr. P. D. Baharupi
Project Guide
DMS, BDCE, Sevagram


Dr. R. G. Panchariya
HOD
DMS BDCE Sevagram


Dr. G. V. Thakre
Principal
BDCE, Sevagram.

Date:

Place: Sevagram, Wardha