



SHRI GAJANAN SHIKSHAN SANSTHA'S
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
“Approved by the D.T.E., M.S. Mumbai”

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1.3 Curriculum Enrichment

Cr. No.	Key Aspects	Assessment Indicators	Evidence
1.3.3	Curriculum Enrichment	<i>Number of students Undertaking project work/field work/internship during the year</i>	List of Students undertaking project Certificates



Principal

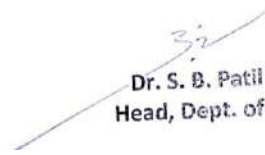
SSGMCE, SHEGAON
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
B. E. Final Year Projects (2020-21)
Project List

Date: 23-07-2021

Gr No	Roll No	Name of the student	Guide	Project Title	Remark
1	5	Ku. Archana Ravindra Mawale	MGI	Search Engine Optimization-Making Website more search engine friendly.	
	12	Ku. Janvi Lomchandra Sarode			
2	43	Aashwin Pramod Shegokar	VSM	Image Processing with Convolutional Neural Networks on a Dataset	
	48	Kanishka C Mankar			
	49	Kartik Satish Gawande			
	50	Krishna Ashok Salampuriya			
	56	Prasanna Santoshkumar Rathi			
3	2	Ku. Aditi Vinod Motekar	PVD	A Deep Learning Approach in Skin Cancer	
	10	Ku. Dolly Anil Soni			
	30	Ku. Radhika Kailash Sharma			
	60	Saumya Ravindra Agrawal			
4	8	Ku. Dimpal Subhakaran Varma	DRD	Song Recommendation System from Human Facial Expressions	
	18	Ku. Mayuri Kishor Kharche			
	47	Aryan Raj			
	62	Shashikant Fagoo Borkar			
5	3	Ku. Anchal Narendra Dhok	TMU	E-Pass for Devotees	
	27	Ku. Poonam Samadhan Shegokar			
	35	Ku. Sharayu Mohan Wakode			
	38	Ku. Shubhangi Sanjay Tayade			
	40	Ku. Vaishnavi Nareshrao Turkhade			
6	1	Ku. Aditi Mukesh Mujmer	KPS	Chatbot for our College Website	
	15	Ku. Komal Shukla			
	36	Ku. Shruti Ashok Wadhai			
	37	Ku. Shruti Ramesh Khobragade			
7	42	Aakash Gadekar	CMM	Data Driven Decision Making	
	55	Pawan Janglu Lode			
	63	Shreyash Gajanan Mahankar			
	69	Sumol Mohan Agrawal			
	70	Suprit Sanjay Bobade			
8	24	Ku. Nihali Ganeshprasad Jawariya	VDR	Smart E-Voting System	
	39	Ku. Sonal Dattaraj Doiphode			
	46	Arpit Dilip Malviya			
	51	Mangesh Rajesh Pawar			
	52	Mayank Pramod Deshmukh			
	58	Rohit Vijay Dhatrak			

Gr No	Roll No	Name of the student	Guide	Project Title	Remark
9	4	Ku. Anushree Prabhudas Lajurkar	JMP	Online Examination System with Face Recognition	
	17	Ku. Manisha Deepak Hirdekar			
	28	Ku. Rachita Manoj Patey			
	53	Mayur Nandkishor Gujar			
	54	Mrunal Vilas Dhabale			
10	20	Ku. Muskan Pradeep Shukla	KPS	Traffic Sign Detection and Recognition Using Convolutional Neural Network(CNN)	
	21	Ku. Namrata Ramkrushna Sutane			
	22	Ku. Neha Nandkumar Dehankar			
	26	Ku. Payal Sanjay Binnod			
	31	Ku. Rakshada Vivek Wankhade			
11	33	Ku. Sanjana Sanjay Sushir	JMP	Battery Saver System for Android applications	
	45	Apoorva Ganesh Niwane			
	65	Shubham Bharatrao Dange			
12	9	Ku. Divyani Arun Sable	MGI	Supply Chain using Blockchain	
	41	Ku. Vishakha Pramod Khachane			
	64	Shreyash Sudhir Dawake			
	66	Shyam Jamman Parmeshwar			
	71	Yash Ghanshyam Purohit			
13	44	Aniket Ramesh Wankhade	DRD	Face Mask Detection System using Artificial Intelligence	
	59	Rushikesh Arun Patil			
	61	Shantanu Dattatray Kaluse			
	68	Sujay Sunilkumar Bhutada			
14	11	Ku. Gayatri Premprakash Purohit	CMM	Predicting Credit Risk in Peer-to-Peer Lending	
	14	Ku. Kaushiki Girish Kothari			
	16	Ku. Komal Pramod Supe			
	32	Ku. Sakshi Gajanan Gade			
15	6	Ku. Asra Javed Gazi	VSM	Blockchain in Health Care	
	7	Ku. Bhavana Rajesh Agrawal			
	13	Ku. Kasturi Vinayak Anjankar			
	67	Sourav Suman			
16	29	Ku. Radha Devendra Ban	VDR	Clinical Management System for Covid 19	
	57	Rishabh Ritesh Agrawal			
17	23	Ku. Neha Niraj Vyas	MGI	"Aerocart- The Smart Delivering System"	
	25	Ku. Parul Premsagar Dongre			
	34	Ku. Sayali Randhir Sawarkar			




 Dr. S. B. Patil
 Head, Dept. of CSE



DEPARTMENT OF ELECTRICAL ENGINEERING
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON 444 203 M.S (INDIA)


CERTIFICATE

Certified that the project report entitled, "**Design and analysis of DC-DC Converter Using MATLAB**" is a bonafied work done under my guidance by

- 1) Ms. Ankita Sontakke
- 2) Ms. Roshani Palve
- 3) Mr. Hritik Sharma
- 4) Mr. Jay Wankhade
- 5) Mr. Mithilesh Joshi

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 22/07/2021



Dr. S. R. Paraskar
Guide

Approved


(Dr. S. R. Paraskar)

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CERTIFICATE

Certified that the project report entitled, "DC Motor Controlling Through 3-phase Thyristor Based Bridge Rectifier" is a bonafied work done under my guidance by

Mohit Shelke

Rushabh Tijare

Nachiket Nimje


Somesh Dharpawar

Prajwal Range


Suraj Bardiya

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 23/07/2021



Prof. U. A. Jawadekar
Guide

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(Dr. S. R. Paraskar)

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CERTIFICATE


Certified that the project report entitled, "**Detection of Supply Voltage Unbalance in Three Phase Induction Motor Using Wavelet Transform**" is a bonafide work done under my guidance by

Ms. Vaishnavi Mankhair
Mr. Abhay Deshmukh
Mr. Kapil Aghao


Ms. Vaishnavi Pathak
Mr. Abhinay Thakare
Mr. Mohan Kalaskar


In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 24/07/2021


Dr. A.U. Jawadkar
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CERTIFICATE

Certified that the project report entitled, "**Voltage Profile Analysis In Power Transmission System Using Fact Device**" is a bonafied work done under my guidance by

Ms. Amruta Kadu Mr. Anand Umak Mr. Anish Gupta
Mr. Arjun Dhamode Ms. Tanvi Shelokar

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 24/07/2021



Dr. A. U. Jawadekar
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CERTIFICATE

Certified that the project report entitled "**FaultAnalysis of HVDC Transmission System Using MATLAB**" is a bonafied work done under my guidance by

Dipak Wankhade

Ganesh More

Mahadeo Babhulkar

Maya Pandiyar

Shital Sonone

Tejaswini Surjuse

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 26/07/2021


Prof. R. Z. Fulare


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(Dr. S. B. Somani)

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DEPARTMENT OF ELECTRICAL ENGINEERING
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CERTIFICATE

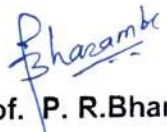
Certified that the project report entitled, "Discrimination between Inrush current and Fault current of Power Transformer by Soft Computing Techniques" is a bonafied work done under my guidance by

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Ms. Bhavana G. Matre
Ms. Gayatri P. Gawande
Mr. Mahesh A. Dongankar

Mr. Pranit S. Gulhane
Ms. Pratiksha P. Kapade
Mr. Vinayak V. Gawande


Date: 26/07/2021


Prof. P. R. Bharambe
(Project Guide)

Approved


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CERTIFICATE

Certified that the project report entitled, "**Detection and Classification of Power Quality Disturbances in Emerging Power System**" is a bonafied work done under my guidance by

Miss. Komal Changal

Mr. Akash Vinchankar

Mr. Nimish Nandurkar


Miss. Nisarga Rele

Mr. Aniket Deshmukh

Mr. Shivam Sable

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 24/07/2021


Prof. R. S. Kankale
Guide

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CERTIFICATE

Certified that the project report entitled, "Solar Panel Cleaning and Monitoring System" is a bonafide work done under my guidance by

Mr. Gopal Jadhao
Mr. Prasad Mukkawar
Mr. Rushikesh Khanderao
Mr. Sukrut Deshmukh
Mr. Suraj Avatar

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 22/07/2021

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Dr. S. S. Jadhao

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CERTIFICATE

Certified that the project report entitled, "**Classification of Faults in Power System by using Signal Processing Approach**" is a bonafide work done under my supervision by

Ms. Bhagyashri Bawaskar

Ms. Nikita Jenekar

Mr. Aniket Bodade


Mr. Baliram Rathod

Mr. Chirag Madankar

Mr. Tushar Hingane


In partial fulfillment of the requirements for the award of degree of Master of Engineering in Electrical Power System.

Date: 27/07/2021


Prof. R. K. Mankar

Guide

Approved


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CERTIFICATE

Certified that the project report entitled, "Social Distancing Device" is a bonafied work done under my guidance by

Ms. Smita S. Shegokar

Ms. Maheshwari R. Wakode

Ms. Neha S. Gawande

Ms. Vaishnavi V. Khedkar

Ms. Shruti Y. Diwate

Ms. Vaishnavi R. Shejole

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 26/07/2021



Prof. M. R. Chavan
(Project Guide)

Approved


(Dr. S. R. Paraskar)

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SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
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CERTIFICATE

Certified that the project report entitled, "Power Quality Events Detection and Classification using Signal Processing and Machine Learning" is a bonafied work done under my guidance by


- | | |
|-------------------------|----------------------|
| 1) Ms. Anjali Kohar | 2) Ms. Gauri Gabhane |
| 3) Ms. Pranita Wankhade | 4) Ms. Punam Sukode |

In partial fulfillment of the requirements for the award of degree of bachelor of Engineering in Electrical (Electronics and Power)

Date: 23/07/2021


Prof. G.N. Bonde.
Guide

Approved


(Dr. S.R. Paraskar)
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CERTIFICATE

Certified that the project report entitled, "Development Of Automatic PV Pumping System For Agriculture Purpose" is a bonafide work done under my guidance by

Prajakta Dudhe
Vishal Agarkar


Prasenjeet Bharade
Shrikrushna Thakare

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 24/07/2021


Prof. Ajay Kumar Damral
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CERTIFICATE

Certified that the project report entitled, "Three Phase Grid Connected Inverter for Solar Photovoltaic Systems" is a bonafied work done under my guidance by


- | | |
|----------------------|---------------------------|
| 1) Ms. Diptee Nikam | 2) Mr. Anand Totewar |
| 3) Mr. Kundan Shelke | 4) Mr. Saurabh Khobragade |
| 5) Mr. Yash Dalal | |


In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 23/07/2021


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CERTIFICATE

Certified that the project report entitled, "**Intelligent Micro-Grid Load Management System**" is a bonafied work done under my guidance by

Mr. Arpit Naskari

Mr. Makrand Gotmare

Mr. Nivrutti Kogde

Mr. Malhar Morey

Mr. Pratik Bawaskar

Mr. Viraj Jagtap

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 26/07/2021



Prof. R. Z. Fulare
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SHEGAON- 444203 M.S (INDIA)

CERTIFICATE

Certified that the project report entitled, "**Wavelet Entropy Energy Based Distance Protection of Transmission Line**" is a bonafied work done under my guidance by

Mr.Piyush Ingle

Mr.Pawan Chimote
Mr.Narendra Gore

Mr.Mangesh Kinkar

Mr.Suraj Jane

In partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical (Electronics & Power).

Date: 23/07/2021

Prof.B.S.Rakhonde
Guide

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“Seven Level Inverter For Multi string Photovoltaic Application”

A Thesis

Submitted in the partial fulfillment of the requirements
For the Degree of

Master of Engineering
In
Electrical Power System

By

Ku. Ashwini Purushottam Ganesh

Under the guidance of

Dr. Mrs. A. U. Jawadekar



DEPARTMENT OF ELECTRICAL ENGINEERING

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON 444 203 M.S (INDIA)**

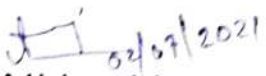
SUMMER: 2021


DEPARTMENT OF ELECTRICAL ENGINEERING
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SHEGAON 444 203 M.S (INDIA)

CERTIFICATE


Certified that the contents of thesis entitled, "Seven Level Inverter for Multistring Photovoltaic Application" is a bonafied work carried out done under my supervision by **Ku. Ashwini Purushottam Ganesh** in partial fulfillment of the requirements for the award of degree of **Master of Engineering in Electrical Power System.**

Date: 02/07/2021


Dr. Mrs. A.U. Jawadekar
Advisor


(Prof. Dr. S.R. Paraskar)
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Approved


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**“PI and PR Controllers For Grid Connected Voltage Source
Inverter”**

A Thesis

Submitted in the partial fulfillment of the requirements
For the Degree of

Master of Engineering
In
Electrical Power System

By
Ku. Mukta Rajendra Ghive

Under the guidance of
Prof. U. A. Jawadekar



DEPARTMENT OF ELECTRICAL ENGINEERING
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SUMMER: 2021

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CERTIFICATE

Certified that the contents of thesis entitled, "**PI and PR Controllers For Grid Connected Voltage Source Inverter**" is a bonafied work carried out done under my supervision by **Ku. Mukta Rajendra Ghive** in partial fulfillment of the requirements for the award of degree of **Master of Engineering in Electrical Power System.**

Date: 28-6-21


Prof. U. A. Jawadekar
Advisor

Approved


(Prof. Dr.S.R. Paraskar)
Head,
Electrical Engg. Department.


(Dr.S.B.Somani)
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Fax No. 07265-252346,253602

“Design and Simulation of DC-DC Converters for Photovoltaic System”

A Thesis

Submitted in the partial fulfillment of the requirements
For the Degree of

Master of Engineering
In
Electrical Power System

By
Ku. Shruti Pramodrao Patil

Under the guidance of
Prof. Dr. S. R. Paraskar



DEPARTMENT OF ELECTRICAL ENGINEERING
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON 444 203 M.S (INDIA)


SUMMER: 2021

**DEPARTMENT OF ELECTRICAL ENGINEERING
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON 444 203 M.S (INDIA)**

CERTIFICATE

Certified that the contents of thesis entitled, "**Design and Simulation of DC-DC Converters for Photovoltaic System**" is a bonafied work carried out done under my supervision by **Ku. Shruti Pramodrao Patil** in partial fulfillment of the requirements for the award of degree of **Master of Engineering in Electrical Power System**.

Date: 28/6/2021


Prof. Dr. S.R. Paraskar
Advisor


(Prof. Dr. S.B. Paraskar)
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**“Grid Interconnected PVA Interfaced High Efficiency
Water Pumping System with Sensorless
FOC PMSM Drive”**

A Thesis

Submitted in the partial fulfillment of the requirements

For the Degree of

Master of Engineering

In

Electrical Power System

By

Mr. Chinmay Pravin Dharmadhikari

Under the Guidance of

Prof. U. A. Jawadekar



**DEPARTMENT OF ELECTRICAL ENGINEERING
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING**

SHEGAON 444 203 M.S (INDIA)


Summer 2021

DEPARTMENT OF ELECTRICAL ENGINEERING
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CERTIFICATE

Certified that the contents of this thesis entitled “**Grid Interconnected PVA Interfaced High Efficiency Water Pumping System with Sensorless FOC PMSM Drive**” is a bonafide work carried out under my supervision by **Mr. Chinmay Pravin Dharmadhikari** in partial fulfillment of the requirements for the degree of Master of Engineering in Electrical Power System.

Date: 28-6-21


Prof. U. A. Jawadekar
Advisor

Approved


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Prony Analysis Method to Discriminate Inrush Current in Transformer.

A Thesis

Submitted in the partial fulfillment of the requirements
For the Degree of

**Master of Engineering
In
Electrical Power System**

By
Nitin M. Khandare

Under the guidance of
Dr. S. R. Paraskar



**DEPARTMENT OF ELECTRICAL ENGINEERING
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SHEGAON 444 203 M.S (INDIA)**

Summer – 2021

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Certified that the contents of thesis entitled, "**Prony Analysis Method to Discriminate Inrush Current in Transformer.**" is a bonafied work carried out done under my supervision by **Shri. Nitin M. Khandare** in partial fulfillment of the requirements for the award of degree of Master of Engineering in Electrical Power System.

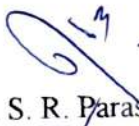
Date: 24/06/2021



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“Simulation of Left Shunt Open Unified Power Quality Conditioner for Mitigation of Voltage Sag and Voltage Swell”

A Dissertation

Submitted in the partial fulfillment of the requirements

For the Degree of

Master of Engineering

In

Electrical Power System

By

Pankaj O Mishra

Under the Guidance of

Prof. R Z Fulare



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**“Detection and Classification of Power Quality
Disturbances using Signal Processing and Soft
Computing Technique”**

A Thesis

Submitted in the partial fulfillment of the requirements For the Degree of

Master of Engineering
In
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By
Mr. Sachin Damodar Patil

Under the Guidance of
Prof. Dr. S.R. Paraskar



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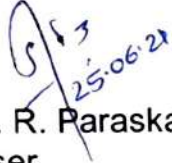
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Certified that the contents of this thesis entitled **Detection and Classification of Power Quality Disturbances using Signal Processing and Soft Computing Technique**” is a bonafide work carried out under my supervision by Mr. Sachin Damodar Patil in partial fulfillment of the requirements for the degree of Master of Engineering in Electrical Power System.

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“Implementation of Integral Mathematical Model of Various Power Quality Disturbances”

A Thesis

Submitted in the partial fulfillment of the requirements For the Degree of

Master of Engineering

In

Electrical Power system

By

Mr. Abhijit Vilas Pawar

Under the Guidance of

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“Artificial neural network-based Induction motor fault classifier using continuous wavelet transform”

A Thesis

Submitted in the partial fulfillment of the requirements For the Degree of

Master of Engineering
In
Electrical Power system

By
Mr. Chittaranjan P. Salunkhe

Under the Guidance of
Prof. R.Z. Fulare



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“Analysis of Extra High Voltage Digital Substation Based on IEC Standards”

A Thesis

Submitted in the partial fulfillment of the requirements

For the Degree of

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In

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By

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Roll No: 70570

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Certified that the contents of thesis entitled, "**Analysis of Extra High Voltage Digital Substation Based on IEC Standards**" is a bonafied work carried out done under my supervision by **Shri Mohan Vinayak Sawarkar** in partial fulfillment of the requirements for the award of degree of **Master of Engineering in Electrical Power System**.

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“Simulation of Right Shunt Open Unified Power Quality Conditioner for Power Quality Improvement ”

A Dissertation

Submitted in the partial fulfillment of the requirements

For the Degree of

Master of Engineering

In

Electrical Power System

By

Nandkishor M Telang

Under the Guidance of

Prof. R Z Fulare



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Date 28/06/2021



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Signal Processing Methods for the Analysis of Power Quality Events

A Thesis

Submitted in the partial fulfillment of the requirements
For the Degree of

Master of Engineering
In
Electrical Power System

By

C.J.THAKKAR

Under the guidance of

Dr. S. R. PARASKAR



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“Compensation of Voltage Sag and Swell by using Custom Power Devices to Improve Power Quality”

A Thesis

Submitted in the partial fulfillment of the requirements
For the Degree of

**Master of Engineering
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By
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Roll No:

Under the guidance of
Dr. A. U. Jawadekar



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Department of Electronics and Telecommunication Engineering
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1.3.2 Number of courses that include experiential learning through project work/field work/internship during the year 2020-21

Name of the Course that include experiential learning through project work/field work/internship	Course code	Year of offering	Name of the student studied course on experiential learning through project work/field work/internship
Projects:-			
Wireless Communication	8ET2	2020	Ku. Vrushali Surendrapant Shelke
			Niranjan Narayan Darade
			Pandurang Tryambak Wadekar
			Shubham Gajanan Patond
Biomedical Engineering	8ET4	2020	Raj Ashok Jaju
			Rushikesh Ram Mawale
			Shravan Gangadhar Kurhe
			Umesh Prakash Navghare
Satellite and Optical Fiber Communication System	7ET3	2020	Ku. Samiksha Gajanan Tarale
			Ku. Trupti Suryakant Bhiwapurkar
			Ku. Vedika Vilas Khade
Fussi Logic and Artificial Nueral Network	7ET5	2020	Ku. Janhvi BhawinkumrBhimjiyani
			Ku. Sakshi Vijay Bobade
			Ku. Anjushri Prakash Bhamkar
			Ku. Devashri Shashikant Gote
			Ku. Sakshi Dattatray Javanjal
Digital Image Processing	7ET2	2020	Ku. Himani Pankaj Zandani
			Ku. Sejal Pramod Khadse
			Dhananjay Vijay Ghiye
			Jitendra Hasanand Balwani
VLSI Design	7ET1	2020	Premkumar Prakash Chandak
			Nissim Alok Sheode
			Swapnil Suresh Shelke
			Tejas Suresh Lahamge
Biomedical Engineering	8ET4	2020	Ku. Harshada Mahendra Babar
			Ku. Pragati Shivshankar Wankhade
			Ku. Vaishnavi MukundraoTalokar
Digital Image Processing	7ET2	2020	Lokesh Dattatray Jadhav
			Kaushik Kirtikumar Vora
			Saurabh Rajkumar Deshmukh
Biomedical Engineering	8ET4	2020	Ku. Gauree Sanjay Barhe

			Ku. Sayali Ravindra Kulkarni
			Ku. Shriya Virendra Wadetwar
			Ku. Tanvi Pramod Pokale

Internship:-

Analog Electronics-II	5ET1	2020	Janhavi Satish Jaiswal
Electronic Devices and Circuits	3ETC02	2020	Mansi Mukundrao Kulkarni
Electronic Devices and Circuits	3ETC02	2020	Rajeshwari Shankar Gondchawar
Micro Processor & MicroController	5ET3	2020	Aditi Ganesh Khandare
Micro Processor & MicroController	5ET3	2020	Dnyaneshwari Tulshidas Dhage
Micro Processor & MicroController	5ET3	2020	Gatha Ravindra Bhusari
Micro Processor & MicroController	5ET3	2020	Rani Vilas Ingole
Micro Processor & MicroController	5ET3	2020	Shraddha Khatri
Micro Processor & MicroController	5ET3	2020	Tejal Sanjayrao Chandure

Mr V. N. Bhonge/Mr S. G. Nemane
Prepared By



Dr M. N. Tibdewal
HOD



Department of Electronics & Telecommunication Engineering

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Shegaon – 444203, Maharashtra, India

Certificate

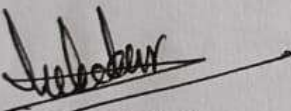
This is to certify that the project report entitled “IOT Based Efficient Water Monitoring with LoRa Communication” is hereby approved as a creditable study carried out and presented by

Mr. Niranjan Darade (PRN – 183129718017)

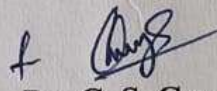
Mr. Pandurang Wadekar (Class: 4U2, Roll No.: 49)

Mr. Shubham Patond (Class 4u2, Roll No.: 56)

in a manner satisfactory to warrant its acceptance as a prerequisite in a partial fulfillment of the requirements for the degree of Bachelor of Engineering in Electronics & Telecommunication Engineering of Sant Gadge Baba Amravati University, Amravati during the Session 2020-2021.


Dr. R. S. Dhekekar

Project Guide


Dr. G. S. Gawande

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Dr. S. B. Somani

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Prof. Name of internal examiner

Internal Examiner



Prof. _____

External Examiner



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Shri Sant Gajanan Maharaj College of Engineering,
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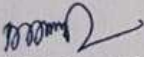
Rushikesh Mawale

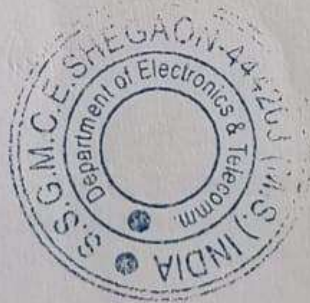
Shravan Kurhe

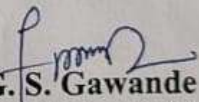
Raj Jaju

Umesh Navghare

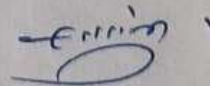
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This is to certify that the project report entitled “**Design and Performance Analysis of Microstrip Patch Antenna for Satellite Navigation**” is hereby approved as a creditable study carried out and presented by

Vedika Khade (PRN: 173129716472)

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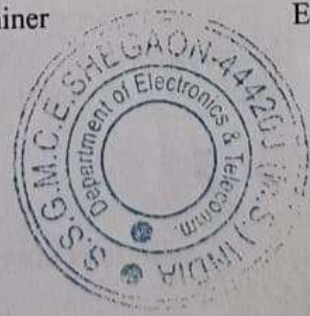
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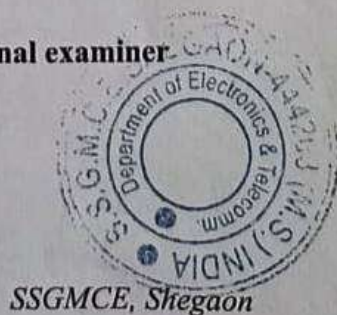

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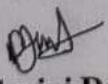
Dhananjay V. Ghiye (PRN: 173129716524)

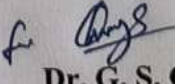
Jitendra H. Balwani (PRN: 173129716515)

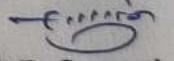
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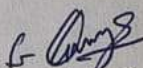
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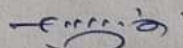
This is to certify that the project report entitled “*Design of Instrumentation Amplifier for Programmable Gain with high CMRR.*” is hereby approved as a creditable study carried out and presented by

Premkumar Chandak (PRN:173129716435)
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Prof. S. P. Badar
Project Guide


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This is to certify that the project report entitled “**Remote Health Monitoring system using IOT**” is hereby approved as a creditable study carried out and presented by

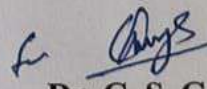
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Pragati S. Wankhade (PRN: 173129716430)


Vaishnavi M. Talokar (PRN: 173129716554)

in a manner satisfactory to warrant of its acceptance as a pre-requisite in a partial fulfillment of the requirements for the degree of Bachelor of Engineering in Electronics & Telecommunication Engineering of Sant Gadge Baba Amravati University, Amravati during the Session 2019-20.


Prof. T.P. Marode
Project Guide


Dr. G. S. Gawande
Prof. & Head, E & TC Dept.


Dr. S. B. Somani
Principal


Prof. T.P. Marode
Internal Examiner

Prof. _____
External Examiner



Department of Electronics & Telecommunication Engineering
Shri Sant Gajanan Maharaj College of Engineering,
 Shegaon – 444203, Maharashtra, India
 (Recognized by AICTE, Accredited by N.B.A, New Delhi)




Certificate

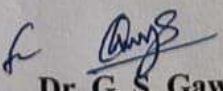
This is to certify that the project report entitled “ Blood Smear Analysis Using Image Processing ” is hereby approved as a creditable study carried out and presented by

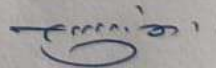
Lokesh Jadhav (PRN: 163129216327)

Kaushik Vora (PRN: 163129136114)

in a manner satisfactory to warrant of its acceptance as a pre-requisite in a partial fulfillment of the requirements for the degree of Bachelor of Engineering in Electronics & Telecommunication Engineering of Sant Gadge Baba Amravati University, Amravati during the Session 2020-2021.


Dr. D D Nawgaje
 Project Guide


Dr. G. S. Gawande
 Prof. & Head, E & TC Dept.


Dr. S. B. Somani
 Principal

Dr./Prof. Name of internal examiner
 Internal Examiner



Prof. _____
 External Examiner



Department of Electronics & Telecommunication Engineering
Shri Sant Gajanan Maharaj College of Engineering,
Shegaon – 444203, Maharashtra, India
(Recognized by AICTE, Accredited by N.B.A, New Delhi)

Certificate

This is to certify that the project report entitled “Design and development of Smart Stretcher equipped with Healthcare monitors” is hereby approved as a creditable study carried out and presented by

Ms. Gauree S. Barhe (PRN: 173129716437)

Ms. Sayali R. Kulkarni (PRN: 173129716491)

Ms. Shriya V. Wadetwar (PRN: 173129716517)

Ms. Tanvi P. Pakale (PRN: 173129716461)

in a manner satisfactory to warrant of its acceptance as a pre-requisite in a partial fulfillment of the requirements for the degree of Bachelor of Engineering in Electronics & Telecommunication Engineering of Sant Gadge Baba Amravati University, Amravati during the Session 2019-20.

Prof. V. M. Umale
Project Guide

Dr. G. S. Gawande
Prof. & Head, E & TC Dept.

Dr. S. B. Somani
Principal

Prof. L. Samal
Internal Examiner



Mr. Padmanabh Bhat
Company: Fujitsu
Designation: Technical Service Engineer
External Examiner

SINGULARITY Labs Pvt Ltd



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Janhavi Jaiswal** was doing Internship in our organization as “**Intern- Analog Design**” from 22nd Feb 2021 to 20th Aug 2021.

During her tenure with our organization, we found her to be hardworking, resourceful and applying herself to the duties assigned to her.

The Management wishes her the very best in all his future endeavors.

For Singularity Labs Pvt. Ltd.

A handwritten signature in black ink, appearing to be 'Janhavi Jaiswal', written over a circular stamp or mark.

Authorized Signatory

5th February 2020

Internship Completion Certificate

TO WHOM IT MAY CONCERN

This is to certify that Ms. Mansi Kulkarni, has successfully completed 30 days (6th January 2020 to 5th February 2020) Internship Programme at IndiaFIRST ROBOTICS Innovation and Research LLP. She worked as a Technical Associate Intern on “Bluetooth Control Robot, Gesture Control Robot, Intelligent Traffic Light Module and gained skill in Embedded system (Entry Level and Advance) and Management” under guidance of Mr. Kapil Boraste.

During the period of her Internship Programme with us she was found punctual, hardworking and inquisitive.

Her performance during the Internship Programme was Satisfactory.

We wish you every success in life.

For IndiaFIRST Robotics Innovation and Research LLP



Kapil Boraste
Technical Head



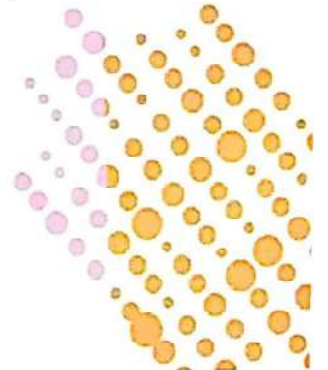
Monika Samrutwar
Sr. Executive HR - Dept

IndiaFIRST[®] Robotics

📍 IndiaFIRST House, Sr. No.149/1A, Plot No. 4,
Opposite to Indira Kids, Behind Mr. Veg,
ITI Road, Parihar Chowk, Aundh,
Pune - 411007, MH. India.

☎ +91-8446630300

✉ vinay@indiafirstrobotics.com
🌐 www.indiafirstrobotics.com
www.ftcindia.org.in
www.buyrobo.in



5th February 2020

Internship Completion Certificate

TO WHOM IT MAY CONCERN

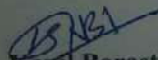
This is to certify that **Ms. Rajeshwari Gondchawar**, has successfully completed 15 days (6th January 2020 to 20th January 2020) Internship Programme at **IndiaFIRST ROBOTICS Innovation and Research LLP**. She worked as a **Technical Associate Intern** on “**Bluetooth Control Robot, Gesture Control Robot, Intelligent Traffic Light Module and gained skill in Embedded system (Entry Level and Advance) and Management**” under guidance of **Mr. Kapil Boraste**.

During the period of her Internship Programme with us she was found punctual, hardworking and inquisitive.

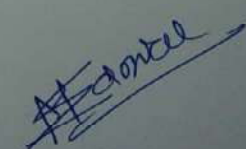
Her performance during the Internship Programme was Satisfactory.

We wish you every success in life.

For IndiaFIRST Robotics Innovation and Research LLP



Kapil Boraste
Technical Head



Monika Samrutwar
Sr. Executive HR - Dept

IndiaFIRST[®] Robotics

📍 IndiaFIRST House, Sr. No.149/1A, Plot No. 4,
Opposite to Indira Kids, Behind Mr. Veg,
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Pune - 411007, MH. India.

☎ +91-8446630300

✉ vinay@indiafirstrobotics.com
🌐 www.indiafirstrobotics.com
www.ftcindia.org.in
www.buyrobo.in

Date :- 06 /08 /2021

Ref. No. :- MDBES/060821/08

This is to certify that

Ms. Aditi Ganesh Khandare

has done internship of 1 Month (5th July 2021 - 5th Aug 2021)
at MDB Electrosoft Pvt. Ltd

During Internship she has gone through

1. IoT (Internet of Things)
2. Node MCU 8266 Programming
3. Python Programming
4. IoT Project Development Using Node MCU 8266
5. IoT Project Development Using Raspberry Pi
6. Android App Development For IoT Project

During the Internship she demonstrated good development skills with a self motivated attitude to learn new things. Her performance exceeded expectations and was able to complete the projects successfully on time.

We wish her all the best for her future endeavors.



MDB Electrosoft Pvt. Ltd.

M.Bharati

Director

With regards

M.D.Bharati

CEO & Director

MDB Electrosoft Pvt. Ltd.



CERTIFICATE

OF INTERNSHIP

THIS IS TO CERTIFY

Dnyaneshwari Tulshidas Dhage

for completing 5 weeks of internship in Internet of Things with the title of “Work Flow Automation” at Internship Studio from 15th June to 20th July 2021. We wish you all the best for your future endeavours.

Aman Malhotra

Aman Malhotra
Internship Mentor

Date:-
02/08/2021

Aniket Bihani

Aniket Bihani
Founder & CEO

Certificate ID:
ISIOTI5098

Date :- 18/02/2021

Ref. No. :- MDBES/180221/15

This is to certify that

Ms. Gatha Ravindra Bhusari

has done internship of **1 months** (18th Jan 2021 - 18th Feb 2021)
at **MDB Electrosoft Pvt. Ltd**

During Internship she has gone through

1. Arduino & Embedded "C"
2. Home Automation
3. RC Control Robot
4. Reverse Car Parking System
5. Automatic Street Light
6. Water Level Indicator

During the Internship she demonstrated good development skills with a self motivated attitude to learn new things. Her performance exceeded expectations and was able to complete the projects successfully on time.

We wish her all the best for her future endeavors.



MDB Electrosoft Pvt. Ltd.

M.Bharati
Director

With regards
M.D.Bharati
CEO & Director
MDB Electrosoft Pvt. Ltd.

Add :- Rajapeth - Ambadevi Road,
near Oswal Bhavan, Amravati
444601 MH-INDIA

www.mdbelectrosoft.in
mdbelectrosoft@gmail.com

Cont. :- +91-9604922180, +91-9552811938



Android Development | Web Development | Software Development | Consultation

Ref No. : iBaseEs/internship2021/185

Date : 14/10/2021

TO WHOM IT MAY CONCERN

This is to be certify that **Ms. Rani Vilas Ingole** has successfully completed **Android with IOT** internship program at iBase Electrosoft LLP from **15th August 2021 to 15th September 2021** . During the period of her internship program with us she has found sincere, hardworking, technically sound, result oriented and inquisitive.

We wish her all the best for her bright future and every success in life.


LLP Id No.
AAD-5082
Executive Director
iBase Electrosoft LLP.



MDB Electrosoft Pvt. Ltd.

CIN. : U72900MH2019PTC328243

Date :- 30/08/2021

Ref. No. :- MDBES/300821/15

This is to certify that

Ms. Shraddha Omprakash Khatri

has done internship of 1 Month (26th July 2021 - 26th Aug 2021)
at MDB Electrosoft Pvt. Ltd

During Internship she has gone through

1. IoT (Internet of Things)
2. Node MCU 8266 Programming
3. Python Programming
4. IoT Project Development Using Node MCU 8266
5. IoT Project Development Using Raspberry Pi
6. Android App Development For IoT Project

During the Internship she demonstrated good development skills with a self motivated attitude to learn new things. Her performance exceeded expectations and was able to complete the projects successfully on time.

We wish her all the best for her future endeavors.



MDB Electrosoft Pvt. Ltd.

M. Bharati

Director

With regards
M.D. Bharati
CEO & Director
MDB Electrosoft Pvt. Ltd.

**Add :- Rajapeth - Ambadevi Road,
near Oswal Bhavan, Amravati
444601 MH-INDIA**

**www.mdbelectrosoft.in
mdbelectrosoft@gmail.com**

Cont. :- +91-9604922180, +91-9552811938

Date :- 16 /10/ 21

Ref. No. :- MDBES /161021/06

This is to certify that

Ms. Tejal Sanjayrao Chandure

has done internship of 1 Month (15th September 2021 - 16th October 2021)
at MDB Electrosoft.

During Internship she has gone through

1. IoT (Internet of Things)
2. Node MCU 8266 Programming
3. Python Programming
4. IoT Project Development Using Node MCU 8266
5. IoT Project Development Using Raspberry Pi
6. Android App Development For IoT Project

During the Internship she demonstrated good development skills with a self motivated attitude to learn new things. Her performance exceeded expectations and was able to complete the projects successfully on time.

We wish her all the best for her future endeavors.



MDB Electrosoft Pvt. Ltd.

M. D. Bharati

Director

With regards
M. D. Bharati
Director
MDB Electrosoft

Add :- Rajapeth - Ambadevi Road,
near Oswal Bhavan, Amravati
444601 MH-INDIA

www.mdbelectrosoft.in
mdbelectrosoft@gmail.com
Cont. :- 9604922180, 9552811938



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
 SHEGAON - 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
 "Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
 Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
 Website- www.ssgmce.ac.in

Department of Information Technology

Project Title -2020-21						
PG No	Name of Guide	Project Group Members	Group Leader	Project Title		
1	Prof. A. S. Manekar	Swapnil Chavan	Swapnil Chavan	Finding the Actual Feedback from the Product users by detecting Facial Expressions		
		Siddhant Mendhe				
		Pranav Kshirsagar				
		Prachi Tatarikar				
2		Akansha Game	Sagar Bhojar		Health Predictor App	
		Sagar Bhojar				
		Sakshi Samudre				
3		Shailesh Khote	VedikaJalmkar		E-Governance as Web Development of Gram Panchayat	
		Vedikajalmkar				
		Rohan Agrawal				
		Shubham Agrawal				
4		Prof. Ms. P.V.Kale	Ashwini Bochare		Dollesh Rathod	Student Information System(SIS) – Android App
	Dollesh Rathod					
	NikhilleshKhot					
	Pavan Wagh					
5	Piyush Gahnmule		Harsh Jaiswal	Book your Book		
	Harsh Jaiswal					
	Anjali Sharma					
	Gurjeet Singh Sahnay					
6	Prof. A.K.Shahade		Aishwarya Vyawahare	Sanket Vakil	Design and Development of Efficient Online Exam Management System	
			Sanket Vakil			
			ShrutikaThotange			
			Rashmi Dholwade			
7		Gitesh Deshmukh	MakrandPatrikar	Machine Learning Approach in Credit Card Fraud Detection		
		MakrandPatrikar				
		Pratik Kare				
		Varun Joshi				
8		Prof. A. G. Sharma	Abhyudai Gore	Sumitsingh Rajput		ECG Classification using Deep Neural Networks
			Sumitsingh Rajput			
			Shubham Potdukhe			
			SumitMorkhade			
9	ShivamMakde		Abhishek Kakade	POSTERLINK		
	Abhishek Kakade					
	Ajay Bhave					
10	Prof. F.I. Khandwani		RupamJambhulkar	Saurabh Burade	Project Management and Progress Tracking System.	
			Saurabh Burade			
			Divyansh Maheshwari			
			Sajal Gupta			
11			Nilesh Wanjar	Vishakha Agrawal		
		Vishakha Agrawal				
		ShiwaniJgemuge				
		Shraddha Kadu				
12		Prof. S. D.	Khushboo Chauhan	Khushboo		



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON - 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

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Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

	Padiya	Gaurav Patil Mahima Sharma Gayatri Thakur	Chauhan	SGBAU Campus Guide
13		Poonam Shinde Shrushti Jaware Vaishnavi Borde Kshitija Gawande	Poonam Shinde	ENTERPRISE MANAGEMENT USING E-COMMERCE
14	Prof. S. S. Muddalkar	Vrinda Vyas Pranali Patil Tushar Bendarkar	Vrinda Vyas	Detecting Spam Reviews using Machine Learning Techniques.
15		Anand Rathi Rutuja Mahale	Rutuja Mahale	Smart Online Attendance Management Using Face Recognition
16		Manisha Shekhar. Kunal Turankar. Dhanshri Rathod.	Rashmi Dhakite	Web Based Application For Hostel Management.
17	Prof. Ms. P. P. Bute	Rashmi Dhakite Lilhas Moon Saurabh Kakde Prajakta Tayde	Ankit Agarkar	A Society Management Application
18		Ankit Agarkar(Pl) Ankush Gadekar Swapnil Bhagat Rajesh Chinchole Roopam Dhoot Shantanu Nashine Dhaneshwar Tayde	Roopam Dhoot	Online Delivery Platform for Grocery store with Flutter
19	Prof. P. H. Gohatre	Trupti Raut Tushar Rathod Abhishek Pakhilde	Tushar Rathod	Website for K. B. Plastotech
20		Sarthak Gosatwar Kunal Wate	Tejas Gaigole	Online Dermat Consultation
21	Prof. Ms. K. J. Sapkal	Tejas Gaigole Onkar Bhalerao Shubham Somalkar Manali Toshniwal Shruti Bharaskale	Shruti Bharaskale	Virtual Dressing E-Commerce Website
		Swati Rai Tejaswini Gajbhaye Aditi Mahure		

Prof. Ms. K. J. Sapkal
Project Co-coordinator

Prof. A. K. Shahade
Project Coordinator

Prof. A. S. Manekar
Head, Dept. of IT

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Mr. Swapnil Chavhan, Mr. Pranav Kshirsagar, Miss. Prachi Tatarkar, Mr. Siddhant Mendhe.** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled “ **Finding The Actual Feedback From The Product Users By Detecting Their Facial Expressions.**” based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof.A.S.Manekar

(Project Guide)

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Ms. Akansha Game, Ms. Sakshi Samudre, Mr. Sagar Bhoyar, Mr. Shailesh Khote** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled "**HEALTH PREDICTOR APP**" based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof A.S.Manekar
(Project Guide)

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Vedika Jalmkar, Rohan Agrawal, Shubham Agrawal and Ashwini Bochare** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute have completed the project work entitled “**E-Governance as Web Development of Gram Panchayat**” based on syllabus and have submitted a satisfactory account of their work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. A S Manekar
(Project Guide)

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Mr. Dollesh A. Rathod, Mr. Nikhilesh J. Khot, Mr. Pawan S. Wagh, Mr. Piyush S. Ghanmule** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled "**Student Information System**" based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. Ms. P V Kale
(Project Guide)

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Mr. Harsh Jaiswal, Mr. Gurjeet Singh Sahney, Ku. Anjali Sharma and Ku. Aishwarya Vyaavhare** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute have completed the project work entitled "**Book Your Book**" based on syllabus and have submitted a satisfactory account of their work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. Ms. P V Kale
(Project Guide)

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Mr. Sanket Vakil, Mr. Gitesh Deshmukh, Miss. Rashmi Dholwade, Miss. Shrutika Thotange** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled **“Design And Development of an Efficient Online Exam Management System”** based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. A.K. Shahade
(Project Guide)

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M. College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M. College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Mr.Makrand Patrikar, Mr.Abhyudai Gore, Mr.Pratik Kare, Mr.Varun Joshi** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled "**Machine Learning Approach In Credit Card Fraud Detection**" based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. A.K. Shahade
(Project Guide)

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Mr. Sumitsingh Rajput, Mr. Sumit Morkhade, Mr. Shubham Potdukhe, Mr. Shivam Makade** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled **"ECG Classification Using Deep Neural Networks"** based on syllabus and has submitted a satisfactory account of his work in this report which is recommended for the partial fulfilment of degree of Bachelor of Engineering in Information Technology.

Prof. A. S. Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Prof A. G. Sharma
(Project Guide)

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**





2020-2021

CERTIFICATE

This is to certify that **Mr. Abhishek Kakade, Mr. Ajay Bhawe, Mr. Rupam Jambhulkar, Mr. Rushikosh Kaikade**, students of final year B.E. (Information Technology) in the year 2020 2021 of Information Technology Department of this institute has completed the project work entitled **"Implementing Optical Character Recognition on the Android Operating System for Poster(Posterlink)"** based on syllabus and has submitted a satisfactory account of their work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.


Prof. A. G. Sharma
(Project Guide)


Prof. A. S. Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon


Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon


**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**





2020-2021

CERTIFICATE

This is to certify that **Mr. Saurabh Burade, Mr. Divyansh Maheshwari, Mr. Nilesh Wanjari, Mr. Sajal Gupta** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled "**PROJECT MANAGEMENT AND PROGRESS TRACKING SYSTEM**" based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.


Prof. F I Khandwani
(Project Guide)


Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,Shegaon


Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,Shegaon


**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**





2020-2021

CERTIFICATE

This is to certify that **Miss RUTUJA NANDANWAR, Miss SHIWANI UGEMUGE, Miss SHRADHA KADU, Miss VISHAKHA AGRAWAL** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled "**Face Mask Detection Using Deep Learning**" based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.


Prof. F I Khandwani
(Project Guide)


Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon


Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Ms. Gayatri Thakur, Ms. Khushboo Chauhan, Ms. Mahima Sharma and Mr. Gaurav Patil**, students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the projectwork entitled “**SGBAU CAMPUS GUIDE**” based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. S. D. Padiya
(Project Guide)

Prof. A S Manekar
Head, Dept. of IT

S.S.G.M. College of Engineering,
Shegaon

Dr. S. B. Somani
Principal

S.S.G.M. College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Ms. Poonam Shinde, Ms. Vaishnavi Borde, Ms. Shrushti Jaware and Ms. Kshitija Gawande** students of final year B.E. (Information Technology) in the year 2019-2020 of Information Technology Department of this institute has completed the project work entitled **“ENTERPRISE MANAGEMENT USING E-COMMERCE”** based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. S. D. Padiya
(Project Guide)

Prof. A S Manekar

Head, Dept. of IT

S.S.G.M. College of Engineering,
Shegaon

Dr. S. B. Somani

Principal

S.S.G.M. College of Engineering,
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Ms. Vrinda Vyas, Mr. Tushar Bendarkar, Ms. Pranali Patil, Mr. Anand Rathi** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled **“Detection of Fake Reviews Using Machine Learning Techniques”** based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. S.S. Muddalkar
(Project Guide)

Prof. A.S. Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

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**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Miss. Dhanshri Rathod , Mr. Kunal Turankar , Miss. Manisha Shekokar, Miss. Rutuja Mahale** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled “**Smart Online Attendance Management Using Face Recognition**” based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. S.S. Muddalkar
(Project Guide)

Prof. A. S. Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering
Shegaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Mr. Saurabh P. Kakade, Mr. Ulhas B. Moon, Ms. Rashmi B. Dhakite, Ms. Prajakta O. Tayade** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled "**A Web Based Application For Hostel**" based on syllabus and has submitted a satisfactory account of their work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. Ms P.P. Bute
(Project Guide)

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M. College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M. College of Engineering,
Shegaon

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SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Mr. Ankit Agarkar, Mr. Ankush Gadekar, Ms. Jagruti Dhannawat, Mr. Rajesh Chinchole, Mr. Swapnil Bhagat**, students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled "**A Society Management Application**" based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. Ms. P. P. Bute
(Project Guide)

Prof. A. S. Manekar
Head, Dept. of IT
S.S.G.M. College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M. College of Engineering
Shegaon

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SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Ms. Dnyaneshwari Tyade, Mr. Roopam Dhoot, Mr. Shantanu Nashine, Ms. Trupti Raut**, students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled "**ONLINE DELIVERY PLATFORM FOR GROCERY STORE USING FLUTTER**" based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Name of Guide
Prof. P. H. Gohatre

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

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SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Tushar Rathod , Abhishek Pakhidde , Sarthak Gosatwar and Kunal Wate** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute have completed the project work entitled “**Website for K. B. Plastotech**” based on syllabus and have submitted a satisfactory account of their work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. P H Gohatre
(Project Guide)

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

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**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**





2020-2021

CERTIFICATE

This is to certify that **Mr. Tejas Gaigole, Mr. Omkar Bhalerao, Mr. Shubham Somalkar and Ms. Manali Toshniwal** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled "**Online platform to provide Dermatological Consultation**" based on syllabus and has submitted a satisfactory account of his work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.


Prof. Ms. K J Sapkal
(Project Guide)


Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon


Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon

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SHEGAON**



2020-2021

CERTIFICATE

This is to certify that **Shruti Bharaskale, Swati Rai, Tejaswini Gajbhiye and Aditi Mahure** students of final year B.E. (Information Technology) in the year 2020-2021 of Information Technology Department of this institute has completed the project work entitled “**Virtual Dressing E-Commerce Website**” based on syllabus and has submitted a satisfactory account of his work in this report which is recommended for the partial fulfillment of degree of Bachelor of Engineering in Information Technology.

Prof. Ms. K J Sapkal
(Project Guide)

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

Dr. S. B. Somani
Principal
S.S.G.M.College of Engineering,
Shegaon



Shri Gajanan Shikshan Sanstha's
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SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**


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SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
DEPARTMENT OF MECHANICAL ENGINEERING
PROJECT TITLES { 2020-21 }

Group Number	Name of Guide	Name of Group Leader	Title of Project
1	Dr. S. P. Trikal	AjinkyaGawande	EXPERIMENTAL ANALYSIS OF HEAT TRANSFER RATE ON EARTHEN TUBE BY USING DIFFERENT PASSIVE COOLING TECHNIQUES
2	Dr. V. K. Thute	VaishnaviLande	ONION STEM CUTTING MECHANISM
3	Prof. M. B. Bhambere	Rahul Bahekar	STRUCTURAL ANALYSIS OF CAMSHAFT OF DIFFERENT ALLOY USING ANSYS
4	Prof. C. V. Patil	Saurabh Rohankar	SMART STICK FOR BLIND PEOPLE
5	Dr. J. G. Khan	KhushalNagmote	AUTOMATIC SEED SOWING MACHINE
6	Prof. A. S. Bharule	AniketLakde	DESIGN AND ANALYSIS OF STORAGE CASING FOR TWO WHEELERS
7	Prof. N. B. Borkar	Krishna Thakare	DESIGN AND DEVELOPMENT OF CITRUS PRUNING MACHINE
8	Dr. N. H. Khandare	Anmol Dakhole	DESIGN AND FABRICATION OF AFFORDABLE DISHWASHER FOR PANDEMIC CONCERNS
9	Prof. S. Q. Syed	Yogesh Nehete	AUTOMATIC PREVENTION OF ACCIDENT DUE TO DROWSINESS AND ACCIDENT ALERT SYSTEM
10	Prof. P. T. Patokar	Rahul kumar	ANALYSIS OF FLUID SLOSHING EFFECT INSIDE A GEAR-BOX
11	Prof. K. R. Gandhare	MandarChavate	MULTI-SOURCE EMERGENCY MOBILE BATTERY CHARGER
12	Prof. R. V. Rajkolhe	HrushikeshGangane	DESIGN OF COST OPTIMIZED MULTI CROP MINI THRESHER
13	Prof. N. G. More	Vishal Magar	GEARLESS TRANSMISSION
14	Prof. K. V. Chandan	SagarChintakuntalwar	3 WHEEL DRIVE FORKLIFT


Prof. C. V. Patil
Project Coordinator


Dr. S. P. Trikal
Head of Department



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Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Mechanical Engineering
PROJECT GROUPS FOR THE SESSION 2020-21

Group ID	SN	Name of Student	Name of Guide
M0-1	1	AJINKYA SANTOSH GAWANDE	Dr. S. P. Trikal
	2	AKASH SHIVDAS SARDAL	
	3	DURGESH SHIVAJI MHASAGAR	
	4	KARTIK VIJAY GAIKWAD	
	5	KAUSTUBH CHANDRAKANT BORLE	
	6	SHIVAM SURESH MHASAYE	
M0-2	1	KU. VAISHNAVI SAHEBRAO LANDE	Dr. V. K. Thute
	2	KU. KANCHAN NAJUKRAO DHUMALE	
	3	KU. MANASI SUBHASHRAO INGOLE	
	4	KU. NIKITA JANARDAN DHAGE	
	5	KU. PRIYA SHRIRAM INGLE	
	6	NIKHIL JAYGOPAL PHAFAT	
M0-3	1	RAHUL PURUSHOTTAM BAHEKAR	Prof. M. B. Bhambere
	2	KU. PRAJAKTA VIJAY HADOLE	
	3	KU. SHIVANI SUNIL LANDE	
	4	KU. VISHAKHA RAMESH MORE	
	5	VAIBHAV DIPAKRAO KHAWASHI	
M0-4	1	SAURABH SANJAY ROHANKAR	Prof. C. V. Patil
	2	ANKIT RAVINDRA KADU	
	3	PRASAD RAVINDRA NAVGHARE	
	4	SHASHANK SATISH KADU	
	5	SUSHIL SIDDHARTH LABHANE	
	6	VIVEK BALKRISHNA MAHALLE	
M0-5	1	KHUSHAL VIKAS NAGMOTE	Dr. J. G. Khan
	2	AKSHAY RAMESH KALORE	
	3	LILENDRA GOPAL BIDKAR	
	4	MAYUR KALIDAS PANDE	
	5	MUNIB UL HAQUE	
	6	RUSHABH MUGUTRAO CHAWRE	
M0-6	1	ANIKET RAJENDRA LAKDE	Prof. A. S. Bharule
	2	KU. YOGITA RAMDAS MIRGE	
	3	ABHAY SHRIKISAN PIDIAAR	
	4	ADITYA RAJU DAROLI	
	5	SARVESH GIRISH KULKARNI	
M0-7	1	KRISHNA NANDKISHOR THAKARE	Prof. N. B. Borkar
	2	ANIKET SANTOSH NIKHADE	
	3	ASHISH SANTOSHDAS BAIRAGI	
	4	MAYUR SIDDHARTH BANSOD	
	5	PRATHAMESH MANGESH DANI	
	6	VAIBHAV GAJENDRA GHATOL	
M0-8	1	ANMOL SHANKARRAO DAKHOLE	Dr. N. H. Khandare
	2	KU. SAMPADA RAMDAS THOMBARE	
	3	KARTIK SUNIL RANE	
	4	PARAG VIJAY CHOPADE	
	5	SHUBHAM MANOJ KULKARNI	
	6	YASH DILIPKUMAR MALPANI	
M0-9	1	YOGESH RAVINDRA NEHETE	Prof. S. Q. Syed
	2	ANIKET DNYANESHWAR BASOLE	
	3	DARSHAN RAJENDRA SAWARKAR	



Shri Gajanan Shikshan Sanstha's
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Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

	4	PRITAM PRABHAKAR DUPARE	
	5	RUSHIKESH UDDHAV PINGLE	
	6	SWAPNIL BHAGWAN JADHAV	
M0-10	1	RAHUL KUMAR KUMAR	Prof. P. T. Patokar
	2	KU. POOJA ANIL WAYSE	
	3	KU. POOJA RAMESHRAO GAWARLE	
	4	SHUBHAM SUBHASH DUBEY	
	5	TUSHAR RAJARAM KALSARE	
M0-11	1	MANDAR PRAFULLA CHAVATE	Prof. K. R. Gandhare
	2	ABHIJEET VINAYKUMAR JANJAL	
	3	MAYUR GAJANANSWAMI YEDSHIKAR	
M0-12	1	HRUSHIKESH ASHOKKUMAR GANGANE	Prof. R. V. Rajkolhe
	2	GAURAV PRASHANT BHATKAR	
	3	KISHOR GOPAL DABHADE	
M0-13	1	VISHAL DADARAO MAGAR	Prof. N. G. More
	2	KU. SUSHMA BHIMRAO MURAR	
	3	KUNAL CHANDRAKANT SHIRAL	
M0-14	1	SAGAR DNYANESHWAR CHINTKUNTLAWAR	Prof. K. V. Chandan

Prof. C. V. Patil
Project Coordinator



Shri Gajanan Shikshan Sanstha's
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SHEGAON - 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

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Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

To: MECH
C.E. Shegaon
No. 83
10/07/21
Date: 10/07/21
Sant Gadge Baba Amravati University, Amravati

Name of College: S.S.G.M. College of Engineering, Shegaon
Name of Examination : M.E. (AM&MSD) 2nd Year
Year (Summer /Winter) : 2020-21

College Code : 0312
Branch Name : Mechanical En
Semester : 3rd & 4th Sem

Sr. No.	Name of Student	Title	Specialization	Guide	R
1	Ku. Harsha L. Dharpure	FEA analysis of Helical Spring in Suspension System	Advanced Manufacturing and Mechanical Systems Design	Dr. S. P. Trikal	
2	Ku. Monali A. Zope	Strength Performance Testing of Heavy Duty Vehicle King-pin with the Help of CAD/CAE Tool	Advanced Manufacturing and Mechanical Systems Design	Dr. S. P. Trikal	AP
3	Aditya R. Deshmukh	An Approach towards Design and Development of Portable CMM for Tracing and Measuring Geometry in Three Dimensional Space	Advanced Manufacturing and Mechanical Systems Design	Dr. S. P. Trikal	
4	Ajinkya V. Nardange	Analysis of Excavator Bucket for Enhancement of Efficiency	Advanced Manufacturing and Mechanical Systems Design	Dr. S. P. Trikal	

Chairman _____
Member _____
Member _____
Member _____



Shri Gajanan Shikshan Sanstha's
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Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Sant Gadge Baba Amravati University, Amravati

Name of College: S.S.G.M. College of Engineering, Shegaon

College Code : 0312

Name of Examination : M.E. (AM&MSD) 2nd Year

Branch Name : Mechanical Engineering

Year (Summer /Winter) : 2020-21

Semester : 3rd & 4th Sem

Sr. No.	Name of Student	Title	Specialization	Guide	Remarks
5	Navinkumar S. Bodade	Improvement in Process through Lean Manufacturing Tools in Soap Packing Unit	Advanced Manufacturing and Mechanical Systems Design	Dr. S. P. Trikal	
6	Nikhil M. Motwani	Strength Optimization of a Machine Shaft by Means of Virtual Designing and FEA Testing Tools to Enhance Durability	Advanced Manufacturing and Mechanical Systems Design	Dr. S. P. Trikal	Approved
7	Shreyash A. Sable	Design and Analyse of Intake Manifold of Four-Cylinder Engine	Advanced Manufacturing and Mechanical Systems Design	Dr. S. P. Trikal	
8	Sumit D. Gawai	Adaptive Spring Development with the Help of CAD Tool	Advanced Manufacturing and Mechanical Systems Design	Dr. S. P. Trikal	

Chairman ML Member _____ Member _____ Member _____


CERTIFICATE

This is to certify that **Gauri Ravindra Kalore** is the student of MBA final year (Marketing&Finance) of the Department of Business Administration and Research S.S.G.M.C.E Shegaon. She has carried out the research work entitled **A study of online shopping and customer satisfaction towards Myntra in Shegaon** during the whole academic session 2019-2021. This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.


Project Guide

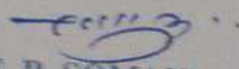
Prof. V.V. Patil

S.S.G.M.C.E, Shegaon


Dr. H.M. Jha Bidyarthi

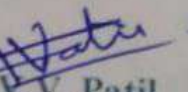
HOD

S.S.G.M.C.E, Shegaon

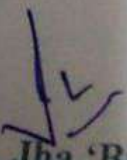

Dr. S. B. SOMANI
PRINCIPAL DBAR,
S.S.G.M.C.E, Shegaon

CERTIFICATE

This is to certify that **Vaishnavi Rajesh Panpaliya** is the student of MBA final year (Marketing) of the Department of Business Administration and Research, S.S.G.M.C.E Shegaon. She has carried out the research work entitled **A study on the effect of advertising media on sale of SBI Life Insurance in Daryapur** during the whole academic session 2019-2021. This research work has been carried out under the supervision and is of sufficiently high standard to warrant its presentation for examination leading to the Degree of Master of Business Administration of Sant Gajanan Maharaaj College of Engineering, Shegaon, Sant Gajanan Maharaj University Amravati.

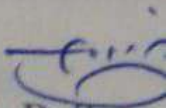

Prof. V.V. Patil

Project Guide
S.S.G.M.C.E, Shegaon


Dr. H.M. Jha 'Bidyarathi'

HOD

S.S.G.M.C.E, Shegaon


Dr. S. B. Somani

PRINCIPAL

DBAR S.S.G.M.C.E, Shegaon

DEPARTMENT OF BUSINESS ADMINISTRATION & RESEARCH
SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON

Shegaon-444303

A study on influence of advertising on children and its impact on buying behavior in khamgaon

DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH
SRI SANTI GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON 444263 (MAHARASHTRA)
Accredited By N.B.A, New Delhi & ISO 9001:2000, NAAC, BANGLORE
Website: <http://www.ssgmce.org>

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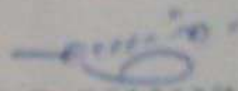
It is to certify that **Pankaj Pralhad Lanjudkar** is the student of MBA (final semester Finance) of the Department of Business Administration and Research S.S.G. Shegaon. He has carried out the research work entitled "A study on influence of advertising and its impact on buying behavior in khamgaon" during the whole academic year 2020-2021. This research work has been carried out under my supervision and is of sufficient standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.


Prof. V.V. Paid

M.C.E., Shegaon

M. Jha Bidyarthi

M.C.E., Shegaon


Dr. S. B. SOMANI

PRINCIPAL DBAR

S.S.G.M.C.E., Shegaon



DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON 444203 (MAHARASHTRA)
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Website: <http://www.ssgmce.org>

CERTIFICATE

This is to certify that **Tushar Vijay Nimbolkar** is the student of MBA final year (Marketing & Finance) of the Department of Business Administration and Research S.S.G.M.C.E., Shegaon. He has carried out the research work entitled "**A study on consumer perception towards Life Insurance Policies in Malkapur**" during the whole academic session 2019-2021. This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University.


Project Guide:

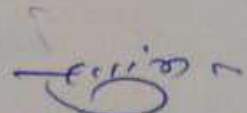
Prof. V. V. Patil

S.S.G.M.C.E., Shegaon


Dr. H. M. JHA (Bidyarthi)

Prof. & H.O.D.

DBAR, S.S.G.M.C.E., Shegaon


Dr. S. B. SOMANI

PRINCIPAL

S.S.G.M.C.E., Shegaon

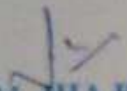
CERTIFICATE

This is to certify that Vaibhav Ashok Lakkewar is the student of MBA final year (Marketing) of the department of business administration and research SSGMCE Shegaon. He has carried out the research work entitled "A study on sales promotion strategies towards Pepsi Brand in Akola City" during the whole academic session 2019-2021. This research has been carried out under my supervision and it is of sufficiently high standard to warrant its presentation for the examination leading to the degree Master of Business administration of Sant Gadge Baba Amravati university, Amravati.


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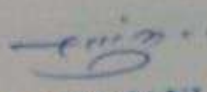
Prof. V.V. Patil

SSGMCE, Shegaon


Dr. H.M. JHA Bidyarthi

HOD

SSGMCE, Shegaon


Dr. S.B. SOMANI

PRINCIPAL DBAR

SSGMCE, Shegaon




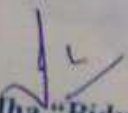
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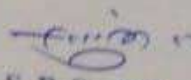
CERTIFICATE

This is to certify that Miss. ARTI GANESH WAKLE is the student of M.B.A. final year (HR and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. She has carried out the research work entitled **A study of market potential for solar equipments in Shegaon**, during the whole academic session 2020 – 2021.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.


PROF. M.A. DANDE
Project Guide


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CERTIFICATE


This is to certify that **Pragati B. Banait** is the student of MBA final Year (HRM and Finance) of Department of Business Administration and Research, Shree Sant Gajanan Maharaj College Of Engineering, Shegaon. She has carried out the research work . "A STUDY ON CUSTOMERS SATISFACTION TOWARDS ONLINE SHOPPING IN SEMI URBAN AREAS, during the whole academic session 2021-2022.

This research work has been carried out under my supervision and Is of sufficient high standard to warrant presentation for the examination Leading to the Degree of Master of Business Administration of Sant Gadage Baba University, Amravati.


PROF.MAYUR DANDE

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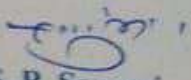
CERTIFICATE

This is to certify that Miss. SANGITA MANIKRAO MARABDE is the student of M.B.A. final year (HR and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. She has carried out the research work entitled **A study of employee retention at Akola Janata Co-Operative Bank**, during the whole academic session 2020 – 2021.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.


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This is to certify that **MISS. SHEFALI SANTOSH MESHAM** is the student of MBA final year (MARKETING & FINANCE) of the Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. She has carried out the research work entitled "**To Study the Consumer Awareness of Environmental Sustainability within Fast Fashion**", during the whole academic session 2020- 2021. This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of **Sant Gadge Baba Amravati University Amravati.**


PROF. MAYUR DANDE

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DR. H.M. JHA "BIDYARTHI"

(Head of Department)


Dr S. B. Somani

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This is to certify that **MISS. SHEFALI SANTOSH MESHARAM** is the student of MBA final year (MARKETING & FINANCE) of the Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. She has carried out the research work entitled "**To Study the Consumer Awareness of Environmental Sustainability within Fast Fashion**", during the whole academic session 2020- 2021. This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of **Sant Gadge Baba Amravati University Amravati.**


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This is to certify that **Ms. Shreya Rajkumar Agrawal** is the student of M.B.A. final year (Marketing and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work **Traditional Marketing Vs. Digital Marketing: A Comparative Study**, during the whole academic session 2019–2021.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadage Baba University, Amravati.

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This is to certify Miss. Sneha .R. Mondhe .Is the student of M.B.A
.final Year (HR & Finance) of Department of business Administration and
Research , Shri . Santa Gajanan Maharaj college of Engineering, shegaon. He
has carried out the research work entitled, " A Study of brand loyalty
in online retail company". During the whole academic session 2020-
2021.

This research work has been carried out under my
supervision and is of sufficient high standard to warrant its
presentation examination leading to the Degree of Master of
Business Administration of Sant Gadge Baba University, Amravati.

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This is to certify that Aditya Chandrashekhar Waychol is the student of M.B.A. final year (Marketing and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work **study of sportswear branding among youngsters**, during the whole academic session 2019-2021.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.


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This is to certify that Mr. Dattatray Pralhad Sawale is the student of M.B.A. final year (Marketing and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work **Online Shopping- A study of customers from semi urban region**, during the whole academic session 2019 -2021.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadage Baba University, Amravati.

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This is to certify that **PRASHISH R. RAIBOLE** is the student of M.B.A. final year (HR and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work entitle **A STUDY ON CUSTOMER SATISFACTION TOWARDS ACC BLOCK PRODUCT** during the whole academic session 2020 – 2021.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.

PROF. MAYUR A DANDE

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This is to certify that **Ms. Amrapali K. Dabhane** is the student of M.B.A. final year (Marketing and HR) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. She has carried out the research work entitled **Performance Of Yono App Over Other Cash Transaction Apps: A study In Amravati Region**, during the whole academic session 2020 – 2021.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadage Baba University, Amravati.

Prof. B. T. HUSAIN

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This is to certify that Miss. Nisha Bhaskar Hande is the student of MBA final year (MARKETING & FINANCE) Of the Department of Business Administration and Research, S.S.G.M.C.E, Shegaon. She has carried out the research work entitled, POTENTIAL OPPORTUNITIES AND CHALLENGES TO 5G HANDSET- A STUDY OF MUMBAI METRO CITY during the whole academic session 2019-2021.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.

Prof. B. T. Husain
Asst. Prof.
D.B.A. & R.
S.S.G.M.C.E. SHEGAON
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H.M. Jha Bidyarthi
Prof. and Head
D.B.A. & R.
S.S.G.M.C.E. SHEGAON

Dr. S.B. Somani
Principal
S.S.G.M.C.E., SHEGAON

CERTIFICATE

This is to certify that Miss. Snehal Rajendra Sable is the student of MBA final year (MARKETING & FINANCE) Of the Department of Business Administration and Research, S.S.G.M.C.E, Shegaon. She has carried out the research work entitled, "SOCIAL NETWORKING AND BRAND BUILDING-A STUDY" during the whole academic session 2020-2021. This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.



B.T.

Prof. B. T. Husain

Asst. Prof. D.B.A. & R.

S.S.G.M.C.E. SHEGAON

(Guide)

H.M.
Dr. H.M. Jha Bidyarthi

Prof. and Head

D.B.A & R S.S.G.M.C.E. SHEGAON

S.B.
Dr. S.B. Somani

Principal

S.S.G.M.C.E. SHEGAON



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CERTIFICATE

This is to certify that **Ms. Swati J. Bole** is the student of M.B.A. final year (HR & MARKETING) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. She has carried out the research work entitled "**WORK CULTURE IN GOOGLE LLC: A STUDY**" during the whole academic session 2020 - 2021.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.

PROF. BILAL HUSAIN
Project Guide


Dr. H. M. Jha "Bidyarthi"
Professor & Head
Department of Business Administration,
SSGMCE, Shegaon


Dr. S. B. Soman
Principal,
SSGMCE, Shegaon

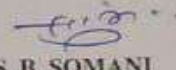
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This is to certify that **AKSHAY RAVINDRA PATIL** is the student of MBA final year (Marketing & Finance) of the Department of Business Administration and Research S.S.G.M.C.E Shegaon. He has carried out the research work entitled "**A Study Of Consumer Attitude Towards FMCG Products of Unilever LTD Khamgaon**" during the whole academic session 2020-2021. This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.


Prof :- Bilal Husain
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SSGMCE, Shegaon


Dr. S. B. SOMANI
PRINCIPAL DBAR,
S.S.G.M.C.E, Shegaon

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This is to certify that **Nisarg Damodar Parkale** is the student of M.B.A final year (Marketing and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work entitled **A study of diffusion of innovation of electric bikes** during the whole academic session 2021 – 2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University Amravati.



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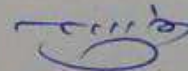
Dr. Mayur A. Dande



Dr. H. M. Jha "Bidyarthi"

Prof & Head, DBA&R,

SSGMCE, Shegaon



Dr. S. B. Somani

Principal

SSGMCE, Shegaon



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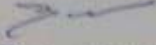
SHEGAON, BULDHANA 444203 (M.S.)

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This is to certify that **NIKITA GAJANAN DHARMALE** is the student of M.B.A. final year (Marketing and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work entitled **A study of career exploration among S.S.C. students** during the whole academic session 2021 – 2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.

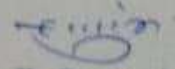

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Dr. H.M. Jha "Bidyarthi"

Prof & Head

DBAR, SSGMCE, Shegaon

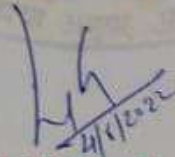

Dr. S. B. Somani

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This is to certify that **VISHAKHA RAJESH KHILOSHIYA** is the student of MBA final year (Marketing) of the Department of Business Administration and Research S.S.G.M.C.E Shegaon. She has carried out the research work entitled "**A Comparative Study on Consumer Behavior about Maybelline and Mamacarthy Beauty Products**" during the whole Academic Session 2021-2022. This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University.



Dr. L. B. Deshmukh
Project Guide



Dr. H. M. Jha Bidyarthi
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S.S.G.M.C.E, Shegaon



Dr. S. B. Somani
Principal DBAR,
S.S.G.M.C.E, Shegaon



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This is to certify that **AARTI SANJAY CHATARKAR** is the student of M.B.A. final year (Human Resource and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. She has carried out the research work entitled **A study on effectiveness of reward system on employee motivation in ADCC bank Akola** during the whole academic session 2021 – 2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.


Guided By

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Dr. H. M. Jha "Bidyarthi"

Prof & Head
DBAR, SSGMCE, Shegaon


Dr. S. B. Somani


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SSGMCE, Shegaon

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This Is To Certify That Ms. Aayushi M. Parashar Is The Student Of MBA Final Year (Human Resource and Finance) Of The Department Of Business Administration And Research, S.S.G.M.C.E, Shegaon. She Has Carried Out The Research Work Entitled **A study on Shareholders value creation in Indian Steel Industry an EVA Analysis**. During The Whole Academic Session 2021-2022.

This Research Work Has Been Carried Out Under My Supervision And Is Of Sufficiently High Standard To Warrant Its Presentation For The Examination Leading To The Degree Of Master Of Business Administration Of Sant Gadge Baba Amravati University, Amravati.



Guided By

Prof. V. V. Patil

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Dr. H. M. Jha "Bidyarthi"

**Head Of The Department
(D.B.A.R) SSGMCE, Shegaon**

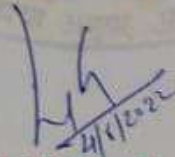

Dr. S. B. Somani

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This is to certify that **VISHAKHA RAJESH KHILOSHIYA** is the student of MBA final year (Marketing) of the Department of Business Administration and Research S.S.G.M.C.E Shegaon. She has carried out the research work entitled "**A Comparative Study on Consumer Behavior about Maybelline and Mamacarthy Beauty Products**" during the whole Academic Session 2021-2022. This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University.



Dr. L. B. Deshmukh
Project Guide



Dr. H. M. Jha Bidyarthi
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Dr. S. B. Somani
Principal DBAR,
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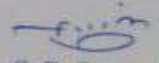
This is to certify that **Anita Niwrutli Mali** is the student of M.B.A. Final year (HR and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work entitled "**A Study on Digital Payment system with reference to Youth in Akola region**" during the whole Academic Session 2021 - 2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.


Guided By

Prof. V. V. PATIL


Dr. H. M. Jha "Bidyarthi"
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D.B.A.R, SSGMCE, Shegaon


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Principal
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This is to certify that Mr. Avinash Rajendrasing Chavan is the student Of MBA final year (MARKETING) Of the Department of Business Administration and Research, S.S.G.M.C.E, Shegaon. He has carried out the research work entitled, "A study to identify satisfaction level of Ethnic money in Akola Region." During the whole academic session 2021-2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.



Prof. V.V. Patil

Professor and Project Guide
S.S.G.M.C.E. SHEGAON



Dr. H.M. Jha "Bidyarthi"

Professor & Head

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Dr. S. B. Somani

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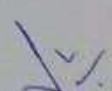
CERTIFICATE

This is to certify that **Mayur Kandekar** is a student of MBA final year (Marketing & Finance) of the Department Of Business Administration And Research, S.S.G.M.C.E., Shegaon. He has carried out the research work entitled, **Study on Role of Social Media Channels in Influencing Buying Behaviour** during the whole academic session 2021-2022.

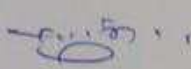
This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Masters of Business Administration of Sant Gadge Baba Amravati University, Amravati.


Prof. Vishal Patil Sir

Project Guide


Prof. Dr. H. M. Jha Bidyarthi

H.O.D., D.B.A. & R.,
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Dr. S. B. Somani

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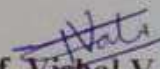
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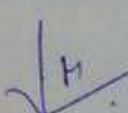
CERTIFICATE


This is to certify that the report titled "A study on Investment Perception and Selection Behaviour Towards Mutual Fund in Pune Region" submitted to Sant Gadge Baba Amravati University, Amravati in fulfilment of the condition for the award of the degree of Master of Business Administrations a genuine and bonafide work done by **Mr. Raj M. Shah** under my guidance.

It is also certified that,

1. The candidate has satisfactorily conducted this research for not less than one academic year.
2. The dissertation is of sufficiently high standards to warrant its presentation for the given examination.


Prof. Vishal V. Patil
Project Guide


Dr. H. M. Jha Bidyarthi
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This is to certify that **Miss. NUPUR DUGDEO TIMANDE** is the student of M.B.A. final year (Marketing and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. She has carried out the research work entitled **CASHLESS TRANSACTION SYSTEM: A STUDY OF PARADIGM SHIFT IN AKOLA REGION** during the whole academic session 2021 – 2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.

Prof. Bilal Husain
Project Guide

Dr. H. M. Jha "Bidyarthi"
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This is to certify that **Mr. Shivam Vitthal Satarkar** is the student of M.B.A. final year (Marketing and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work "**Transition from traditional to digital marketing: A study on retail sector in Akola region**", during the whole academic session

2020 -2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadage Baba University, Amravati.

PROF. BILAL T. HUSSAIN

B.T.H.
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This is to certify that Deval Anand Gawande is the student of M.B.A. Final year (Marketing and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work entitled "A study on role of mutual funds in India to develop retail participation in stock market with a special focus on retail investors in Buidhana region" during the whole Academic Session 2021 – 2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.

Guided By
Prof. Bilal Hussain

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This is to certify that Mr. Sumit Ravindra Patil is the student Of MBA final year (MARKETING & FINANCE) Of the Department of Business Administration and Research, S.S.G.M.C.E, Shegaon. He has carried out the research work entitled, "A STUDY ON PURCHASE DECISION MAKING PROCESS AND AFTER PURCHASE SATISFACTION LEVEL OF CONSUMERS FOR TWO WHEELERS WITH A SPECIAL REFERENCE TO HONDA MOTORCYCLE AND SCOOTER PVT. LTD IN MALKAPUR CITY" during the whole academic session 2021-2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.

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This is to certify that Mr. shubham prakash mali is the student of mba final year (marketing & finance) of the department of business administration and research, s.s.g.m.c.e, shegaon. He has carried out the research work entitled "Impact of agriculture loan on life of farmers-a study in shegaon region" during the whole academic session 2021- 2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the degree of master of business administration of sant gadge baba amravati university amravati.

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This is to certify that **Rushikesh Shashikant Koli** is a student of MBA final year [Marketing & Finance] of Department of Business Administration And Research S.S.G.M.C.E, Shegaon. He has carried out the research work entitled **A STUDY ON MARKETING STRATEGIES OF HERO TWO WHEELERS AT SHRADHA HERO MOTORS, KHAMGAON**, during the whole academic session 2021-2022.

This research work has been carried out under my supervision and of sufficiently high standard to warrant its presentation for the examination leading to the Degree Of Master Of Business Administration Of Sant Gadge Baba Amaravati University, Amravati.

Prof. B. T. Husain

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This is To Certify That Miss. **Diksha Dammani** Is The Student Of Mba Final Year (H R & Finance) Of The Department Of Business Administration And Research, S.S.G.M.C.E. Shegaon. She Has Carried Out The Research Work Entitled "**Study Of Performance Management Systems In Hanuman Vitamin's Food Ltd Khangaon**." During The Whole Academic Session 2021-2022.

This Research Work Has Been Carried Out Under My Supervision And Is Of Sufficiently High Standard To Warrant Its Presentation For The Examination Leading To The Degree Of Master Of Business Administration Of Sant Gadge Baba Amravati University Amravati.

Dr.S.M. Mishra

Project Guide

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This is to certify that **Mr. Abhilash Bhagwantrao Vyawahare** is the student of MBA final year (HR&FINANCE) Of the Department of Business Administration and Research, S.S.G.M.C.E., Shegaon. He has carried out the research work entitled, A STUDY OF IMPACT OF WORK ENVIRONMENT ON THE PERFORMANCE OF EMPLOYEES-A CASE STUDY CHAITANYA AGRO BIOTECH PVT.LTD. MALKAPUR during the whole academic session 2021-2022. This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.

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This is to certify that Mr. Piyush P. Wanjari is the student of MHA final year (H.R. & Finance) of the department of business administration and research, s.s.g.m.c.e., shegaon. He has carried out the research work entitled "a study of impact of reward & recognition adopted by sunflag iron & steel company warthi" during the whole academic session 2021-2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the degree of master of business administration of sant gadge baba Amravati university Amravati.

Dr. S. M. Mishra

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This is to certify that **Mr. Jitendra Vishnu Shende** is the student of MBA final year (HR & FINANCE) Of the Department of Business Administration and Research, S.S.G.M.C.E., Shegaon. He has carried out the research work entitled, **A STUDY OF NEED OF TRAINING AND DEVELOPMENT AT SUNFLAG IRON & STEEL COMPANY** during the whole academic session **2021-2022**.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.

Dr. Satya Mohan Mishra

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S.S.G.M.C.E. SHEGAON

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This is to certify that Mr. Vaibhav D. Sapkal is the student of MBA final year (Marketing & Finance) of the department of business administration and research, s s g m c e, shegaon. He has carried out the research work entitled "A STUDY ON CONSUMER BUYING PATTERN TOWARDS AMAR MILK" during the whole academic session 2021-2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the degree of master of business administration of sant gadge baba Amravati university Amravati.

Dr. S. M. Mishra
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This is to certify that Miss. Arti Sunil Pandey is the student of MBA final year (marketing & finance) of the department of business administration and research, S.S.G.M.C.E, Shegaon. She has carried out the research work entitled, **A STUDY OF CUSTOMER SATISFACTION TOWARDS TVS BIKES IN NANDURA REGION**. During the whole academic session 2021-2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.



Prof. W. Z. SULIVA
Professor and Project Guide
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This is to certify that **Saloni .N Sehgal** is the student of MBA final (HR&MARKETING) Of the Department of Business Administration and Research, S.S.G.M.C.E, Shegaon. He has carried out the research work entitled, **A STUDY ON EMPLOYEE ENGAGEMENT AT WORKPLACE AND DESIGNING EMPLOYEE ENGAGEMENT MANUAL FOR YASH ENTERPRISES KHAMGAON** during the whole academic session 2021-2022.

This research work has been carried out under my supervision and is of a sufficiently high standard to warrant its presentation for the examination leading to the Doctorate in Business Administration of Sant Gadge Baba Amravati University Amravati.

PROF. W. Z. SULIYA

Assistant Professor and Project Guide
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This is to certify that **Vishwajeet Ashok Kadukar** is the student of M.B.A. final year (Marketing and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work entitled '**A STUDY OF IMPACT OF SOCIAL MEDIA MARKETING ON BUYING BEHAVIOR OF CONSUMERS ABOUT PERSONAL CARE PRODUCTS IN SHEGAON REGION**' during the whole academic session 2021 – 2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Babaji University, Amravati.

Prof. Wechansing. Z. Suliya
Project Guide

Dr. H. M. Jha "Bidyarthi"
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This is to certify that VAISHNAVI HARIDAS WANKHADE is the student of M.B.A. final year (HR and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work entitled "A study on Opportunities and Challenges of Digital Banking" during the whole academic session 2021 – 2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.



Guided By

Dr. P. M. Kuchar


Dr. H. M. Jha "Bidyarthi"

Prof & Head

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This is to certify that Mr. Ganesh M. Pachpor is the student of MBA final year (MARKETING) Of the Department of Business Administration and Research, S.S.G.M.C.E, Shegaon. He has carried out the research work entitled, *A study on Role of Social Media Channels in Influencing Buying Behaviour* During the whole academic session 2021-2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.

Dr. Pavan M. Kuchar
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This is to certify that Miss Jaya M. Pardeshi is the student of MBA final year (HR& MARKETING) Of the Department of Business Administration and Research, S.S.G.M.C.E., Shegaon. She has carried out the research work entitled, **A STUDY OF EMPLOYEE MOTIVATION AT PARLE-G (HANUMAN VITAMINS FOODS LTD.), KHAMGAON** during the whole academic session 2021-2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.

Dr. H.M.JHA Bidyarthi
Professor and Project Guide
D.B.A. & R.S.S.G.M.C.E. SHEGAON

Dr. H.M. Jha Bidyarthi
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This is to certify that Miss. **Kalyani Jeevan Damodar** is the student of mba final year (Marketing & Finance) of the department of business administration and research, s.s.g.m.c.e, shegaon. he has carried out the research work entitled "**A Study Of Credit Card's Benefits And Their Drawbacks In Khangaon City**" during the whole academic session 2021- 2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the degree of master of business administration of sant gadge baba amravati university amravati.


Dr. H. M. Jha "Bidyarthi"

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This is to certify that **MANSI UDAY SHUKLA** is the student of M.B.A. Final year (HR and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work entitled **The impact of Human Resource Planning on organizational Performance – A study** during the whole Academic Session 2021 – 2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.

Dr. H. M. Jha "Bidyarthi"

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Dr. H. M. Jha "Bidyarthi"

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This is to certify that Mr. **Amol Raghunath Morkhade** is the student of mba final year (Marketing & Finance) of the department of business administration and research, s.s.g.m.c.e, shegaon. he has carried out the research work entitled "**The study of organized retail outlets in Khingawar region**" during the whole academic session 2021- 2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the degree of master of business administration of sant gadge baba amravati university amravati.

Dr. H. M. Jha "Bidyarthi"
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252346

CERTIFICATE

This is to certify that **Aniruddha Galande** is a student of MBA final year (Marketing & Finance) of the Department Of Business Administration And Research, S.S.G.M.C.E., Shegaon. He has carried out the research work entitled, **Effect of Covid-19 pandemic on Agriculture industry intermediaries- A study** during the whole academic session 2021-2022.

This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Masters of Business Administration of Sant Gadge Baba Amravati University, Amravati.

Prof. Dr. H. M. Jha Bidyarthi
Project Guide

Prof. Dr. H. M. Jha Bidyarthi

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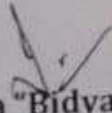
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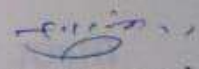
This is to certify that Miss. Aditi Arun Joshi is the student of M.B.A. final year (Marketing) of Department of Business Administration and Research, Shree Sant Gajanan Maharaj College of Engineering, Shegaon. She has carried out the research work entitled, **A study of consumer buying behavior towards Mahindra Cars in Akola Region** during the whole academic session 2021 - 2022.

This research work has been carried out under my supervision and is of sufficient high standard to warrant its presentation for the examination leading to the Degree of Master of Business Administration of Sant Gadge Baba University, Amravati.


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