



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

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“Approved by the D.T.E., M.S. Mumbai”

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Fax : 091-7265-252346

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

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



Shri Gajanan Shikshan Sanstha's
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Cri. No.	Key Aspects	Assessment Indicators	Evidence
1.3.2	Curriculum Enrichment	Number of courses that include experiential learning through project work/field work/internship during the year	a. B. E. Final Year Project List b. B. E. Project Certificates Sample Screen Shots c. M. E. Project List d. M. E. Project Certificates Sample Screen Shots



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a. B. E. Final Year Project List (2021-22)

RNo	GR NO	Name	Guide	Project Title
6	1	Ku. Disha Vipinkumar Gupta	Prof. Dr. R. Dhotre	Content-Based Image Retrieval Using Machine Learning
9		Ku. Gunjan Rakesh Bhagat		
47		Ayush Anil Rathod		
48		Bharatkumar M.Kedia		
62		Prajwal Ashok Gawhale		
5	2	Ku. Dipali Kailas Mesare	Prof.S.B. Pagrut	The Empirical Face Mask Detection Test
18		Ku. Payal G. Sharma		
32		Ku. Sonal Raju Golhar		
17	3	Ku. Nisha Ramesh Kakade	Prof. J.M.Patil	Recommendation System to Improve Teaching-Learning using Machine Learning
21		Ku. Radhika Santosh Deshmukh		
39		Abhishek Sandip Moharir		
63		Prasad Pramod Ugale		
64		Prasad Uday Jawadekar		
35	4	Ku. Vijaya Dilip Narkhede	Prof.PV Deshmukh	Machine Learning approach in Breast Cancer Detection.
8		Ku. Gauri Vitthalrao Mahalle		
16		Ku. Nayan Vijay Raghatate		
27		Ku. Sampada Shrikant Vyas		
34		Ku. Tanuja Giridhar Paraskar		
43	5	Aman Chandrashekhar Sahu	Prof. CM Mankar	Diabetes Prediction using AWS Sage Maker
56		Mitesh Sandeep Sakalkar		
68		Sanket Sanjay Bhageriya		
71		Shivam Sanjay Puri		
81		Vaibhav Shamkishor Choudhari		
50		Chinmay GajananPadmawar		
20	6	Ku. Radha Omprakash Kabra	Prof. VS Mahalle	Reverse Image Search Engine using various CNN Architecture
28		Ku. Sejal Sunil Hashani		
45		Anishraj Shashishankar Singh		
46		Anurag Rajesh Tiwari		
53		Hriday Raj		
51	7	Chinmay Prashant Deshkar	Dr. NM Kandoi	Augmented Reality and Recommendation Model using Unity and Python
76		Suyog Gopal Vyas		
80		Umang Gopal Mantri		
82		Viplav Nitin Khode		
22	8	Ku. Rasika Rajendra Wadhonkar	Prof. PK Bharane	Web Portal for Training & Placement Cell SSGMCE Shegaon " www.tpossqmce.com "
26		Ku. Sakshi Sanjay Thombare		
29		Ku. Shital Kamlakar Patil		



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33		Ku. Sonal Ramesh Wankhade		
38	9	Abhishek Avinash Daberao	Prof.VS Mahalle	Autonomous Robotics using VSLAM Technology and Implementation using ARM architecture
57		Mujahidahmed S.Sayyed		
72		Shreyas Shrikant Patil		
		Pratik Unhale (3S)		
		Aditya P. Mahore (3S)		
41	10	Aditya Arun Sambare	Prof. KP Sable	Sentiment Analysis Of Marathi Language
42		Akshaykumar Bhople		
49		Chetan Parvatrao Marode		
74		Sudhanshu R.Sathawane		
78		Tanmay Prabhakar Thag		
40	11	Adarsh Anand Mundada	Prof. CM Mankar	Text Summarization Using NLP
44		Aniket Prakash Sangle		
55		Manoj Vinayak Navrange		
61		Pavan Gajanan Malviya		
67		Sahil Nagrale		
3	12	Ku. Deepali R Masne	Prof. JM Patil	Big Mart Sales Prediction Using Machine learning
12		Ku. Kimaya Sanjay Gabhane		
19		Ku. Pratiksha Dattu Dake		
54		Mandar Sachin Deshmukh		
77		Swaraj Ghawale		
1	13	Ku. Aishwarya R Bute	Prof. H.M. Deshmukh	Digital Objective Library App
13		Ku. Kiran Sopan Lande		
30		Ku. Shivani Sanjay Joshi		
73		Shrikant Lahoo Jugnake		
79		Tejas Kailas Wagh		
10		Ku. Homeshwari Vilas Jadhao		
25	14	Ku. Sakshi Prashant Thakre	Prof. PV Deshmukh	Sentiment Analysis of Customer Product Reviews Using Machine Learning
2		Ku. Chetakshi Hemraj Hajare		
11		Ku. Khushbu T.Bhattad		
14		Ku. Mansi Vasant Paturkar		
23		Ku. Sakshi Anand Dhanuka		
4	15	Ku. Dhanashree M.Rathi	Dr. NM Kandoi	Criminal Identification using image pattern recognition
7		Ku. Gargi Anand Tela		
24		Ku. Sakshi Prashant Hiwrale		
31		Ku. Shruti Mukundrao Dhawe		
66	16	Sachin Singh	Prof. PK Bharane	Smart Online Health Consulting and Health Shopping Portal with Product Recommendation
69		Sanskar Pankaj Mudholkar		
36		Aashish Makwana		
58		Navaneet V.Awajare		
60		Omkar Bhagwant Chaudhari		



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

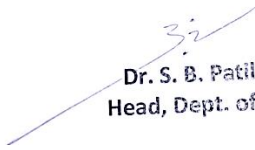
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70		Saurabh Sanjay Zaporde		
15	17	Ku. Monika Vinod Dongare	Prof.KP Sable	Heart Disease Prediction using Machine Learning Techniques
59		Om Raju Tekade		
65		Rahul S.Samudrawad		
75		Suraj Dipak Sherekar		
37		Abhishek Saha		
52		Govinda Dange		




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



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b. B. E. Project Certificate Sample Screen Shots





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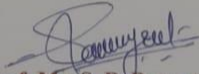
Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
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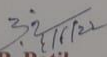
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SHEGAON – 444 203 (M.S.)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

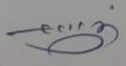


CERTIFICATE

This is to certify that Ms. Dipali K. Mesare, Ms. Payal G. Sharma and Ms. Sonal R. Golhar students of final year B.E. in the year 2021-22 of Computer Science and Engineering Department of this institute has completed the project work entitled "**The Empirical Face Mask Detection Test**" 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 Computer Science and Engineering.


Prof. Mr. S. B. Pagrut
Project Guide


Dr. S. B. Patil
Head of Department


Dr. S. B. Somani
Principal



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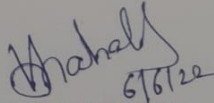
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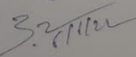
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SHEGAON – 444 203 (M.S.)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

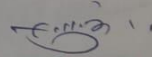


CERTIFICATE

This is to certify that **Mr. Anurag Tiwari, Mr. Hriday Raj, Mr. Anish Raj, Ms. Radha Kabra and Ms. Sejal Hashani**, students of final year B.E. in the year 2021-22 of Computer Science and Engineering Department of this institute has completed the project work entitled "**Reverse Image Search Using Deep Learning**" 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 Computer Science and Engineering.


Prof. V. S. Mahalle
Project Guide


Dr. S. B. Patil
Head of Department


Dr. S. B. Somani
Principal



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c. M. E. Final Year Project List (2021-22)

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
Department of Computer Science and Engineering

Notice
M. E.(C.E.)-Project Title
Session-2021-22
Date:30.10.2021

List of students and their semester-III & IV seminar and dissertation titles along with name of guide & co-guide are as follows:

Sr. No.	Name of the Student	Dissertation title	Name of Guide	Name of Co-guide	Signature
1	Harsha Santosh Bodade	HEALTH CARE RECOMMADATION SYSTEM USING PATIENTS REVIEW	Prof. J. M. Patil	Dr. S. B. Patil	
2	Juhi Kisanrao Chavan	FACIAL RECONGITION AND FACE MASK DETECTION USING MACHINE LEARNING TECHNIQUES	Dr. N. M. Kandoi	Prof. P. V. Deshmukh	
3	Sakshi Ravindra Deshmukh	HYBRID INTELLIGENT SYSTEM FOR NETWORK INTRUSION DETECTION USING MACHINE LEARNING APPROACH	Prof. C. M. Mankar	Prof. K. P. Sable	
4	Tanshri Shankarrao Gothe	DEEP LEARNING APPROACH FOR FAST CONTENT BASED IMAGE RETRIEVAL	Prof. V. S. Mahalle	Prof. K. P. Sable	

Prof. V. S. Mahalle
M. E. Coordinator

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



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d. M. E. Project Certificates Sample Screen Shots



GROUP NO.	R. No.	NAME OF STUDENT	PROJECT TITLE
G-1/SSJ	23	Ku. Sakshi Gajanan Mhaske	Design and Simulation of BLDC Hub Motor
	24	Ku. Sakshi Sunil Kshirsagar	
	35	Ajinkya Digambar Ingale	
	56	Prathamesh Nilkanth Chaudhari	
	61	Priyatosh Partho Chatterjee	
	75	Shubhankar Ritesh Kathale	
G-2/AKD	39	Atharva Shashikant Deshmukh	Development of Smart Emergency Detection System for A Hospital
	40	Atul Gajanan Devkate	
	45	Kanav Rajinder Sharma	
	53	Pradip Samadhan Tayade	
	68	Sachin Rameshwar Bansode	
	82	Yash Dileep Saharkar	
G-3/AUJ	06	Ku. Dhanashree Joshi	Simulation of Battery Electric Vehicle by using MATLAB-Simulink
	08	Ku. Gayatri Kulkarni	
	09	Ku. Kanchan Prabhakar Wakode	
	25	Ku. Samiksha Thool	
	27	Ku. Shreya Parkhe	
	30	Ku. Vaishnavi More	
G-4/PRB	05	Ku. Ashwini Prakash Wagh	Development of Solar Based E-Bicycle
	13	Ku. Mansi Udaysingh Rajput	
	22	Ku. Punam Tejrao Makh	
	66	Rushikesh Dinesh Bodade	
	69	Sachin Vitthal Gaikwad	
	74	Shubham Madhukar Shekokar	
G-5/VSK	04	Ku. Ashwini Rajguru	Discrimination Between Inrush Current and Fault Current in Transformer
	10	Ku. Komal Tayade	
	26	Ku. Shivani Manatkar	
	32	Abhishek.Patil	
	33	Adarsh Moon	
	77	Sumit Mahajan	
G-6/RZF	36	Aniket Pramod Thakre	Design and Implementation of Automatic Money Counting and Sorting System
	60	Prince V. Zod	
	63	Ritesh Kamalakar Chavan	
	80	Vishal Gajanan Paikat	
G-7/SSJ	01	Ku. Amisha Lonagre	Simulation of Battery Management System for Electric Vehicle
	02	Ku. Anuksha Raut	
	03	Ku. Arpita Ingle	
	07	Ku. Dhanashree Bhise	
	12	Ku. Manjusha Ingle	
	20	Ku. Pooja Sharma	

G-8/MRC	37	Ashutosh Ingle	Battery Management System for Green Energy Storage
	42	Charan Kadad	
	48	Lokesh Gulhane	
	51	Nishant Akhare	
	73	Shripad Chopde	
	79	Vedant Warfade	
G-9/GNB	14	Ku. Neha Dhande	Recognition of Underlying Causes of Power Quality Disturbances Using Stockwell Transform
	19	Ku. Pooja Deshmukh	
	29	Ku. Supriya Dambe	
	31	Ku. Yashashri Patil	
	34	Aditya Mahore	
	57	Pratik Ashok Unhale	
G-10/RSK	11	Ku. Krutika Ganesh Akhare	Wavelet and ANN based Approach for Classification of Power Quality Disturbances using LabVIEW
	17	Ku. Pallavi Dayaram Arbat	
	21	Ku. Preeti Ravindra Fulare	
	50	Niketani Dnyandeo Bopte	
	62	Raj Shyam Udupurkar	
	64	Rohan Sanjay Pachpor	
G-11/BSR	43	Dhananjay Vijay Mhaisane	White Board Cleaning Mechanism for Classroom
	55	Prasad Tejrao Patil	
	58	Pratik Santosh Bhivate	
	59	Pratik Suresh Jadhav	
	65	Roshan Gajanan Rajas	
G-12/AUJ	15	Ku. Neha Rajendra Deshmukh	MATLAB Simulation of Three Phase Grid Connected Solar Photovoltaic System
	28	Ku. Shweta Anil Mankar	
	44	Divyanshu Raj	
	46	Krunal Ajay Rokde	
	54	Prakash Vyankat Surwase	
	67	Rutik Santosh Balkar	
G-13/PRD	16	Ku. Nidhi Hemant Agrawal	Smart Street Light using Intensity Controller
	47	Laxmikant Vasant Tekam	
	52	Pankaj Magansing Dhirbassi	
	71	Saurabh Sanjay Patil	
	76	Shyam Arun Kokate	
G-14/UAJ	18	Ku. Parinati Deshmukh	AC Power Controller using Programmable Interface
	38	Ashwin Shelke	
	41	Bhuvanesh Kulkarni	
	78	Swatej Sawale	
G-15/RKM	49	Mayur Apotikar	IOT Based Transmission Line Monitoring System
	70	Santosh Daberao	
	72	Shoeb Faruk Shah	
	81	Vishal Chandak	

Prepared By:
Prof. R. S. Kankale
Coordinator
Project & Seminar


 Head
 Dept of Electrical Engineering
 S. S. G. M. College of Engg.
 SHEGAO 4-444203



**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 Simulation of BLDC Hub Motor**” is a bonafied work done under my guidance by

**Mr. Ajinkya Digambar Ingale
Mr. Prathamesh Nilkanth Chaudhari
Mr. Priyatosh Partho Chatterjee
Ms. Sakshi Gajanan Mhaske
Ms. Sakshi Sunil Kshirsagar
Mr. Shubhankar Ritesh Kathale**


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


Date: 25/05/2022


Prof. Dr. S. S. Jadhao

Guide

Approved


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


(Dr. S. B. Somani)
Principal

E-mail.principal@ssgmce.ac.in
hod_electrical@rediffmail.com

Phone No.07265-252116, 252216
Fax No. 07265-252346, 253602



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

CERTIFICATE

Certified that the project report entitled, "**Development of Smart Emergency Detection System for Hospital**" is a bonafied work done under my guidance by

Mr. Atharva Deshmukh

Mr. Atul Devkate

Mr. Kanav Sharma


Mr. Pradip Tayade

Mr. Sachin Bansode

Mr. Yash Saharkar

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


Date:


Dr. Ajay Kumar Damral
Guide

Approved


(Dr. S. R. Paraskar)

Head


(Dr. S. B. Somani)

Principal

Department of Electrical Engg.

E-mail: principal@ssgmce.ac.in

hod_elpo@ssgmce.ac.in

Phone No. 07265-252116, 252216

Fax No. 07265-252346, 253602



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

CERTIFICATE

Certified that the project report entitled, "Simulation Of Battery Electric Vehicle By Using MATLAB Simulink" is a bonafied work done under my guidance by


Dhanashree Joshi
Kanchan Wakode

Gayatri Kulkarni
Samiksha Thool

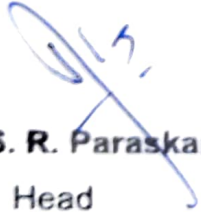
Shreya Parkhe
Vaishnavi More


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

Date: 03/06/2022


Dr. Mrs. A. U. Jawadekar
Guide

Approved


(Dr. S. R. Paraskar)
Head


(Dr. S. B. Somani)
Principal

Department of Electrical Engg.

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Phone No. 07265-252116, 252216
Fax No. 07265-252346, 253602



DEPARTMENT OF ELECTRICAL ENGINEERING
SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING SHEGAON 444203 M.S (INDIA)

CERTIFICATE

Certified that the project report entitled, "**Development of Solar Based E-Bicycle**" is a bonafide work done under my guidance by

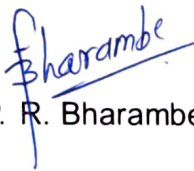
Ashwini Wagh
Rushikesh Bodade

Punam Makh
Sachin Gaikwad

Mansi Rajput
Shubham Shekokar


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

Date: 2/6/2022



P. R. Bharambe & Dr. A. K. Damral

Guide

Approved


(Dr. S. R. Paraskar)
Head of
Department Electrical Eng.

hod_elpo@ssgmce.ac.in


(Dr. S. B. Somani)
Principal

principal@ssgmce.ac.in



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

CERTIFICATE

Certified that the project report entitled, “**Discrimination between Inrush Current and Fault Current in Transformer**” is a bonafied work done under my guidance by

Ashwini Rajagur

Abhishek Patil

Komal Tayade

Adarsh Moon

Shivani Manatkar

Sumit Mahajan

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

Date: 03/06/22



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Certified that the project report entitled, **“DESIGN AND IMPLEMENTATION OF AUTOMATIC MONEY COUNTING AND SORTING SYSTEM”** is a bonafied work done under my guidance by

Mr. Prince Zod

Mr. Ritesh Chavan

Mr. Aniket Thakare

Mr. Vishal Paikat

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Certified that the project report entitled, "**Simulation of Battery Management System for Electric Vehicle**" is a bonafied work done under my guidance by

Ms. Amisha A. Lonagre

Ms. Anuksha N. Raut

Ms. Arpita P. Ingle

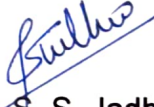
Ms. Dhanshree D. Bhise

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Certified that the project report entitled, "**Battery Management System For Green Energy Storage**" is a bonafied work done under my guidance by

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Mr. Lokesh Gulhane

Mr. Shripad Chopde

Mr. Charan Kakad

Mr. Nishant Akhare

Mr. Vedant Warfade

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Date:

04/06/2022

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Certified that the project report entitled, "Recognition of Underlying Causes of Power Quality Disturbances by Using Stockwell Transform" is a bonafied work done under my guidance by


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Mr. Aditya Mahore
Mr. Pratik Unhale

Ms. Neha Dhande
Ms. Supriya Dambe


Ms. Pooja Deshmukh
Ms. Yashashri Patil

Date: 31-05-22


31-05-2022
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CERTIFICATE

Certified that the project report entitled, "**Wavelet and ANN based approach for Classification of Power Quality Disturbances using LabVIEW**" is a bonafied work done under my guidance by

Ms. Krutika Ganesh Akhare
Ms. Pallavi Dayaram Arbat
Ms. Preeti Ravindra Fulare
Mr. Niketan Dnyandeo Bopte
Mr. Raj Shyam Udapurkar
Mr. Rohan Sanjay Pachpor

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Certified that the project report entitled, "**Whiteboard Cleaning Mechanism For Classrooms**" is a bonafied work done under my guidance by

Dhananjay Mhaisane

Prasad Patil

Pratik Bhivate

Pratik Jadhav

Roshan Rajas

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Certified that the project report entitled, "**MATLAB Simulation of Three Phase Grid Connected Solar Photovoltaic System**" is a bonafied work done under my guidance by

Divyanshu Raj

Krunal Rokde

Neha Deshmukh

Prakash Surwase

Rutik Balkar

Shweta Mankar

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Date: *02/06/2022*

Dr. Mrs. A. U. Jawadekar
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Certified that the project report entitled, "**Smart Street Light using Intensity Controller**" is a bonafied work done under my guidance by

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Mr. Laxmikant Tekam

Mr. Pankaj Dhirbassi

Mr. Shyam Kokate

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Certified that the project report entitled, "Ac Power Controller Using Programmable Interface" is a bonafied work done under my guidance by

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Ms. Parinati Deshmukh

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Certified that the project report entitled, “IoT Based Transmission Line Monitoring System” is a bonafied work done under my guidance
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Shoeb Shah Farukh Shah


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Vishal O. Chandak


Mayur A. Apotikar


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“Mitigation of Voltage Sag and Voltage Swell using Dynamic Voltage Restorer”

A Dissertation

Submitted in the partial fulfillment of the requirements

For the Degree of

Master of Engineering

In

Electrical Power System

By

Sunil Vamanrao Kothavade

Under the Guidance of

Dr. S.R Paraskar



DEPARTMENT OF ELECTRICAL ENGINEERING
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Summer 2022

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Certified that the contents of this dissertation entitled “Mitigation of Voltage Sag and Voltage Swell using Dynamic Voltage Restorer” is a bonafide work carried out under my supervision by Sunil Vamanrao Kothavade in partial fulfillment of the requirements for the degree of Master of Engineering in Electrical Power System.

Date 26/5/2022


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List of Project Groups for the session 2021-22

Project Group No.	Class	Roll No.	Name of Student	Name of Project Guide	Name of Project
01	4U1	48	AdhirajSapkal	Prof. D. L. Bhombe	Pesticide Spraying robot
	4U1	77	PratikBhusari		
	4U1	91	YashKhandare		
02	4U1	82	SaurabhSVAishya	Prof. V. M. Umale	Smart CART System
	4U1	74	NimmishPHatwar		
	4U1	47	AbhinavKiranSawarkar		
	4U1	87	TusharAshokTathod		
03	4U2	50	HritvedAhir	Dr.K.B.Khanchandani	Smart wheelchair with innovative safety, security with health monitoring features.
	4U2	86	VishwajitRajput		
	4U2	56	MaheshSawarkar		
	4U2	67	RiteshTayde		
04	4U1	15	Ku.MansiMKulkarni	Dr.K.B.Khanchandani	IoT based smart monitoring in distribution system.
	4U1	23	Ku.RajeshwariGondchar		
	4U1	33	Ku.ShraddhaBAwakale		
05	4U1	4	ArtiGajananWarade	Dr.R.S.Dhekekar	Automatic vacuum cleaning and Moping Robot
	4U1	66	KaranRamraoMali		
	4U2	78	ShrikantAshokSinhasthe		
	4U1	9	DivyaLiladhardhole		
06	4U1	88	VedantKhandokar	Dr.R.S.Dhekekar	Farmer's Assistant.
	4U1	83	SIDDHESHRKACHKURE		
	4U1	59	AshutoshBheonde		
	4U1	89	VijaySaiwal		
07	4U2	3	AvantikaBhujade	Dr.S.B.Patil	Lung Cancer detection using CT Scan Image
	4U2	5	DishaDaga		
	4U2	11	JagrutiBisen		
	4U2	13	MansiBaraliya		
08	4U1	93	YogeshKothale	Dr.S.B.Patil	Design and implementation of Digital Stethoscope
	4U1	69	MandarFokmare		
	4U1	84	SumitPathak		
	4U1	38	SwetaDeokate		



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09	4U1	54	AnkushVinodBharambe	Dr.M.N.Tibdewal	Disease Detection of Cotton Crop using Image Processing Techniques
	4U1	55	AnupDnyaneshwarDongre		
	4U1	92	YashMaheshKulthe		
	4U1	60	AtharvaFarkade		
10	4U2	49	HIMALWANKHADE	Dr.M.N.Tibdewal	Pneumonia Detection Techniques Through X-ray Imaging Techniques
	4U2	55	Kumarashish		
	4U2	45	AnmolSoni		
	4U1	49	AdityaKathane		
11	4U1	6	AshwiniAshokSangle	Prof.V.M.Umale	A systematic Machine Learning approach for Detection of Hemoglobin Level
	4U1	21	PrajaktaJanardanSangle		
	4U1	11	Gauri SureshZambre		
	4U1	26	RujutaMadhukarSakhare		
12	4U2	65	PratikSudamNikure	Prof.V.M.Umale	IOT-Based Remote Health Monitoring System with Electrocardiograph
	4U2	42	AkashJammanParmeshwar		
	4U2	80	SudhanshuMPawar		
	4U2	84	VarunMahendraDhanuka		
13	4U1	1	AakankshaDarvankar	Prof.V.N.Bhonge	Disease prediction System using Machine Learning
	4U1	29	SakshiAwankar		
	4U1	45	VaishnaviShrikantDayma		
14	4U2	28	SharwariVilasBorgamwar	Prof.V.N.Bhonge	Brain Tumor Detection using Deep Learning
	4U2	24	RiyaUttamraoRathod		
	4U1	8	BhagyashriAAgrawal		
	4U1	17	MayuriSubhashRathod		
15	4U1	3	AishwaryaDilipPatil	Prof.D.L.Bhombe	One touch security and health system
	4U1	7	AshwiniNagoraoBelurkar		
	4U1	46	VaishnaviSureshBangar		
16	4U1	71	MohammadRahil	Prof.D.L.Bhombe	Fire fighting Robot
	4U1	75	PrajwalGawande		
	4U1	72	MohammadFazeelKamran		
	4U1	76	Pratikjadhav		
17	4U1	57	ArjunkumarRajfode	Dr.D.D. Nawgaje	GSM Based Obstacle Detector for Blind Peoples
	4U1	78	PurveshGupta		



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	4U1	64	HardikWankhade		
	4U2	76	Sunil SinghBisht		
18	4U2	18	Ku.PranjaliGAmalkar	Dr.D.D. Nawgaje	SMART SNIB
	4U2	19	Ku.PranotiGGaigol		
	4U2	4	Ku.DeepikaVerma		
	4U2	69	RohitDodke		
19	4U2	22	RashmiWarulkar	Prof.B.P.Harne	Adaptive traffic light control using IR sensor base and Arduino.
	4U2	37	VAVinodhiniRajalakshmi		
	4U2	75	SaurabhRaut		
	4U1	32	ShatakshiKishorDeshmukh		
20	4U1	41	UtkarshaSharadBhosale	Prof.B.P.Harne	Wireless power transmission using Rectenna
	4U1	36	ShwetaRajkumarChandank		
	4U1	12	GayatriNarendraDhote		
	4U2	77	ShashwatJha		
21	4U1	78	Joel Adhav	Dr. D. P. Tulaskar	Smart Irrigation System.
	4U1	59	Avinashgughe		
	4U1	84	SumitsanjayAkinwar		
	4U1	88	Vikrant HemsingRathod		
	4U1	62	AyushJagdishSharma		
22	4U2	16	PradnyaVasantMore	Dr.D.P.Tulaskar	Warehouse Management System for Prevention of Hazard.
	4U2	32	SnehaMohanPande		
	4U2	9	Dnyaneshwari TDhage		
	4U2	53	KaransinghChandel		
23	4U2	52	Karandhande	Dr.P.R.Wankhede	Smart Health Node
	4U2	40	Abhijeetwarhekar		
	4U2	1	Adititade		
	4U2	57	PrajwalNandane		
	4U1	34	ShraddhaKhatri		
24	4U1	27	SakshiHuddar	Dr.P.R.Wankhede	Smart switch board
	4U1	30	SanikaDeshmukh		
	4U1	35	Shubhadalngle		
	4U2	58	OmkarBodhe		
25	4U2	74	Sanmayekawankar	Prof.A.N.Dolas	IOT based Flood detection and Alert system
	4U2	68	RohitGawande		
	4U2	44	Akshayjadhav		
	4U1	19	PallaviAnilBharsakle		
	4U1	14	LaxmivinayakHarne	Prof.A.N.Dolas	Smart Online Examination



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26	4U1	13	KomalGajananNemade		System for Visually Impaired Person
	4U1	39	TejaswiniRWadatar		
27	4U1	79	RajanGupta	Prof.V.V.Ratnaparkhi	Development of Efficient Speed detection and Number Plate Recognition
	4U1	67	KislayKumar		
	4U1	51	AkashChandere		
	4U1	53	AmeyKumarSangole		
28	4U2	29	ShraddhaShivajiBhambere	Prof.V.V.Ratnaparkhi	RFID based Smart Trolley with Automated Billing System using IOT
	4U2	21	PriyankaGaneshChavan		
	4U2	25	RutikaRajeshDeshmukh		
	4U2	35	VaishnaviVishnuKolhe		
29	4U2	57	MandeepsinghBagga	Prof.V.K.Bhangdiya	Smart Jacket
	4U2	70	RohitVasantraoMankar		
	4U1	42	VaishnaviAnantVyawahare		
	4U1	50	AdityaCGohatre		
30	4U1	63	DhirajBaburaoThate	Prof.V.K.Bhangdiya	Text Detection from Image
	4U1	68	LaxmanDukare		
	4U1	70	MilindMadhukarSultane		
	4U1	81	SandeshArjunMishra		
31	4U2	66	RITANSHUMKHATKE	Prof.K.T.Kahar	The IOT Based Exercise Cycle
	4U2	62	PranavMahendraBhople		
	4U2	48	HariomVijayModokar		
	4U2	51	Jayeshbharattayde		
32	4U2	12	JanhaviJaiswal	Prof.K.T.Kahar	Automatic Railway Gate Control using Arduino uno
	4U2	14	NishaHattel		
	4U2	2	AshwiniSonone		
	4U2	30	ShraddhaJawalkar		
33	4U2	7	DivyaPrakashWagh	Prof.P.D. Kale	Design and Performance Evaluation of Fractal Antenna for Wireless Applications
	4U2	31	ShubhangiGajananDhole		
	4U1	37	SnehalSharadThekar		
	4U2	20	PriyankaAnandaDandale		
	4U2	83	VaibhavKadam	Prof.P.D. Kale	IOT based Health Monitoring Using Node
	4U2	72	SamrudhaChintawar		



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34	4U2	60	PiyushBhimalwar		MCU
	4U1	56	AnuraagDeshmukh		
35	4U1	58	AshishGajananTade	Prof.K.M.Thanvi	IOT Based Home Control and Monitoring System ESP32 and sensors.
	4U1	85	SumitD.Kulwant		
	4U1	43	VaishnaviAshokGulwe		
	4U1	16	MayuriSadashivSonone		
36	4U1	80	SameerZopate	Prof.K.M.Thanvi	Door security system for home monitoring based on Arduino uno.
	4U1	28	SakshiVarma		
	4U2	36	VardhaDeshmukh		
	4U1	31	SangivaniGothe		
37	4U1	10	GathaRavindraBhusari	Prof.S.P.Badar	Smart Waste Management System in Railway Coaches
	4U1	22	PurvaVijay Ambadkar		
	4U1	2	Aditi GaneshKhandare		
	4U1	18	Nidhi SureshRaut		
38	4U2	85	VishnuMathariya	Prof.S.P.Badar	Current Controlled Current Differencing Transconductance Amplifier for Analog Signal Processing.
	4U2	39	AbhijeetJawanjalkar		
	4U1	40	TruptiGawande		
	4U2	33	SrushtiThroat		
39	4U2	15	PayalNareshRathi	Prof.T.P.Marode	Implementation of IOT in precise Agriculture
	4U2	43	AkshaySNutiwar		
	4U2	76	Shailesh Gawande		
	4U2	26	SayaliSantoshraoJoshi		
40	4U2	23	RIDDHIJAJU	Prof.L.SAMAL	Smart Agronomy Cultivation using IOT and WSN
	4U2	59	OMKARKULKARNI		
	4U2	79	SUDARSHANVAIDYA		
	4U2	8	DivyaSanjayBhavsar		
41	4U1	25	RevatiRathi	Prof.L.SAMAL	Floor Cleaning Robot for domestic applications
	4U1	20	PallaviKhairkar		
	4U1	24	RashmitaMahore		
	4U1	44	VaishnaviLahare		
42	4U2	10	GauriPrakashJadhav	Prof.V.S.Ingole	Students performance Evaluation System
	4U2	27	SayaliVijayKhedkar		
	4U2	17	PranaliKGondchawar		
	4U2	38	VishakhaDarshanala		
43	4U2	71	RushikeshM.Yelane	Prof.V.S.Ingole	Robotic Vehicle Surveillance Sytem
	4U1	73	MufeesA.Shaikh		
	4U2	73	SanketS. Shingade		
	4U1	94	ZubairKhan		



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Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

44	4U2	47	Atharvagulhane	Prof.S.G.Nemane	Voice control based home appliances system using aurdino
	4U2	41	Adityaprakashmankar		
	4U2	81	Surajawachar		
	4U2	52	PranitR. Bhojekar		

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

Prepared by



Dr. M. N. Tibdewal
HOD, EXTC




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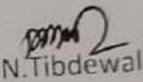
Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Session - 2021-22

Project Group No.	Class	Name of Student	Name of Project Guide	Name of Project
01	ME	Swapnil Wadodkar	Mr. V.M.Umale	Intelligent MPPT


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




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Shri Sant Gajanan Maharaj College of Engineering,
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Certificate

This is to certify that the project report entitled “**Pesticide Spraying Robot**” is hereby approved as a creditable study carried out and presented by

Pratik Bhusari (PRN: 183129718177)

Adhiraj Sapkal (PRN: 183129718156)

Yash Khandare (PRN: 183129718139)

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 2021-22.

Prof. D. L. Bhombe
Project Guide

Dr. M. N. Tibdewal
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Dr. S. B. Somani
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Prof. P. D. Kale
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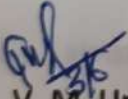
Saurabh S. Vaishya (PRN:173129716552)

Nimmish P. Hatwar (PRN: 173129716528)

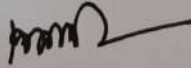
Tushar A. Tathod (PRN: 173129716521)

Abhinav K. Sawarkar (PRN: 173129716522)

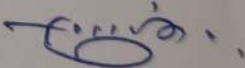
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Prof. V. M. Umale

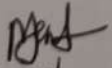
Project Guide


Dr. M. N. Tibdewal

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A.A. Deshmukh
Name of internal examiner

Internal Examiner

Prof. _____

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This is to certify that the project report entitled “**Smart Wheelchair with Safety, Security and Health Monitoring System**” is hereby approved as a creditable study carried out and presented by

Hritved M. Ahir (PRN: 183129718072)
Mahesh R. Sawarkar (PRN: 183129718048)
Ritesh D. Tayade (PRN: 183129710001)
Vishwajit N. Rajput (PRN: 183129718066)

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 2021-22.

Dr. K.B. Khanchandani
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Mansi M. Kulkarni (PRN: 183129718106)
Rajeshwari S. Gondchawar (PRN: 183129718132)
Shraddha B. Awakale (PRN: 183129718119)

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Dr. K.B. Khanchandani
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This is to certify that the project report entitled “**Automatic Cleaning And Moping Robot**” is hereby approved as a creditable study carried out and presented by

Karan Mali

(PRN: 173129716506)

Shrikant Sinhashe

(PRN: 173129716443)

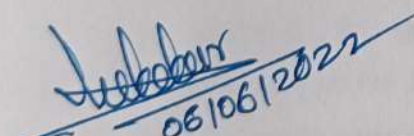
Divya Dhole

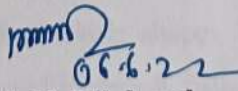
(PRN: 173129716532)

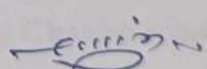
Arti Warade


(PRN: 173129716431)

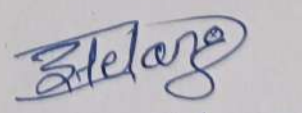
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08/06/2022
Dr. R. S. Dhekekar
Project Guide


06.6.22
Dr. M. N. Tibdewal
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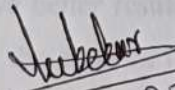
Vedant Khandokar (PRN: 183129718157)

Ashutosh Bhelonde (PRN: 183129718167)

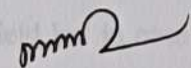
Siddhesh Kachkure (PRN: 183129718140)

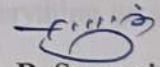
Vijay Saiwal (PRN: 183129718151)


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 2021-22.


Dr. R. S. Dhekekar
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02/06/2022


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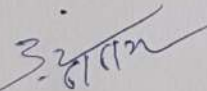
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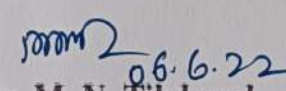
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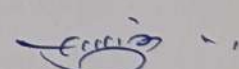
This is to certify that the project report entitled "Lung Cancer Detection Using CT Scan Images" is hereby approved as a creditable study carried out and presented by

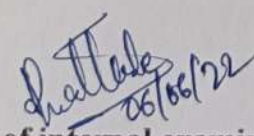
Avantika A. Bhujade (PRN: 183129718076)
Disha P. Daga (PRN: 183129718084)
Jagruti N. Bisen (PRN: 183129718075)
Mansi H. Baraliya (PRN: 183129718077)


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Dr. S. B. Patil
Project Guide


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Professor & Head, E & TC Dept


Dr. S. B. Somani
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Name of internal examiner
internal examiner
Dr. P. R. Wankhede.


Prof. A. P. Wankhede
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This is to certify that the project report entitled “**Design and Implementation of Digital Stethoscope.**” is hereby approved as a creditable study carried out and presented by,

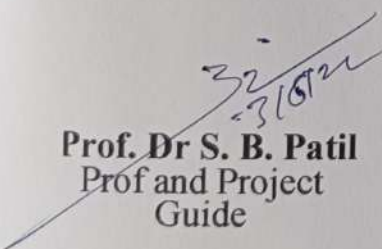
Yogesh Kothale (PRN: 173129716536)

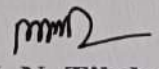
Mandar Fokmare (PRN: 173129716502)

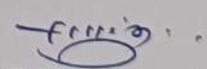
Sweta Deokate (PRN: 173129716492)


Sumit Pathak (PRN: 173129716434)

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Prof and Project
Guide


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Dr S.B. Somani
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Dr. P. R. Wankhede

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This is to certify that the project report entitled “**Disease Detection of Cotton Crop using Image Processing Techniques**” is hereby approved as a creditable study carried out and presented by

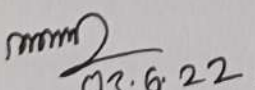
Mr. Ankush Bharambe (PRN: 183129718153)

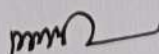
Mr. Anup Dongre (PRN: 183129718141)

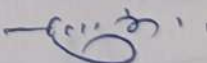
Mr. Atharva Farkade (PRN: 183129718138)

Mr. Yash Kulthe (PRN: 183129718144)

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03.6.22
Dr. M.N. Tibdewal
Project Guide


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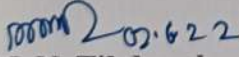
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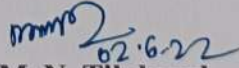
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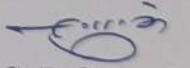
This is to certify that the project report entitled “**Pneumonia Detection Through X-ray Imaging Techniques**” is hereby approved as a creditable study carried out and presented by


Mr. Himal Wankhade (PRN: 183129718056)
Mr. Anmol Soni (PRN: 183129718065)
Mr. Kumar Ashish (PRN: 183129718069)
Mr. Aditya Kathane (PRN: 193120019)

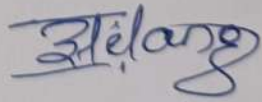
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Dr. M. N. Tibdewal
Project Guide


Dr. M. N. Tibdewal
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Certificate

The Project report entitled “**Systematic Machine Learning Approach For Detection of Hemoglobin Level**” is hereby approved as a creditable study carried out and presented by

Ashwini A. Sangle (PRN:193120010)

Gauri S. Zambre (PRN:193120024)

Prajakta J. Sangle (PRN:193120018)

Rujuta M. Sakhare (PRN:193120022)

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Prof. V. M. Umale
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This is to certify that the project report entitled “**IoT Based Remote Health Monitoring System with Electrocardiograph**” is hereby approved as a creditable study carried out and presented by

Mr. Pratik Nikure (PRN: 183129718040)

Mr. Sudhanshu Pawar (PRN: 183129718070)

Mr. Akash Parmeshwar (PRN: 183129718046)

Mr. Varun Dhanuka (PRN: 183129718045)

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

Prof. V.M. Umale

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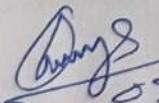
This is to certify that the project report entitled "**Disease Prediction Using Machine Learning**" is hereby approved as a creditable study carried out and presented by

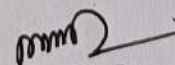
Aakanksha Darvankar(PRN:183129718112)

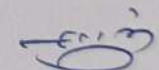
Sakshi Awankar(PRN:183129718104)

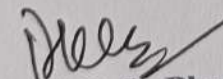
Vaishnavi Dayma(PRN:193120016)

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03-6-2022
Prof. V. N. Bhonge
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This is to certify that the project report entitled “**Brain Tumor Detection using Deep Learning**” is hereby approved as a creditable study carried out and presented by

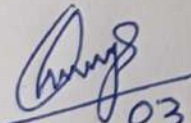
Sharwari V. Borgamwar (PRN:183129718081)

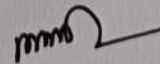
Riya U. Rathod (PRN:183129718087)

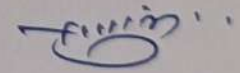
Mayuri S. Rathod (PRN: 193120030)

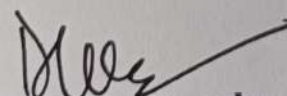
Bhagyashri A. Agrawal (PRN: 163129136582)

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 2021-22.


03.6.2022
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Dr. M. N. Tibdewal
Professor & Head, E & TC Dept.


Dr. S. B. Somani
Principal


Prof. D. L. Bhombe
Internal Examiner

Prof. _____
External Examiner

SSGMCE, Shegaon



Department of Electronics & Telecommunication Engineering
Shri Sant Gajanan Maharaj College of Engineering,
Shegaon – 444203, Maharashtra, India
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Certificate

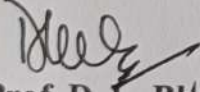
This is to certify that the project report entitled “**One Touch Security and Health System**” is hereby approved as a creditable study carried out and presented by

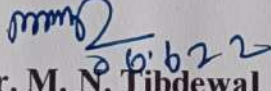
Miss. Aishwarya Patil (PRN: 183129718137)

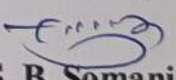
Miss. Ashwini Belurkar (PRN: 183129718136)


Miss. Vaishnavi Bangar (PRN: 183129718130)

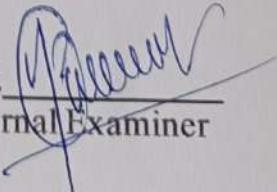
in a manner satisfactory to warrant of its acceptance as a pre-requisite in a partial fulfillment of the requirements for the degree of Bachelor of Engineering in Electronics & Telecommunication Engineering of Sant Gadge Baba Amravati University, Amravati during the Session 2021-22.


Prof. D. L. Bhombe
Project Guide


Dr. M. N. Tibdewal
Professor & Head, E & TC Dept.


Dr. S. B. Somani
Principal


Mrs. Komal Thanvi
Internal Examiner


Prof.
External Examiner



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Certificate

This is to certify that the project report entitled "**Fire Fighting Robot**" is hereby approved as a creditable study carried out and presented by

Md.Rahil (PRN: 183129718159)

Md.Fazeel Kamran (PRN: 183129718152)

Prajwal Gawande (PRN: 193120012)

Pratik Jadhav (PRN: 193120009)

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 2021-22.

Prof. D.L. Bhombe
Project Guide

Dr. M. N. Tibdewal
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Dr. S. B. Somani
Principal

Internal Examiner

External Examiner



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Shri Sant Gajanan Maharaj College of Engineering,
Shegaon – 444203, Maharashtra, India

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Certificate

This is to certify that the project report entitled “**GSM Based Obstacle Detector for Blind Peoples**” is hereby approved as a creditable study carried out and presented by

Arjunkumar Rajfode (PRN: 183129718146)

Hardik Wankhade (PRN: 173129716538)

Purvesh Gupta (PRN: 173129716503)

Sunil Singh (PRN: 163129715598)

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.

Dr. D.D. Nawgaje
Project Guide

Dr. M.N. Tibdewal
Prof. & Head, E&TC Dept.

Dr. S.B. Somani
Principal

Prof. P.D. Kale
Internal Examiner

Prof. _____
External Examiner



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Shri Sant Gajanan Maharaj College of Engineering,
Shegaon – 444203, Maharashtra, India

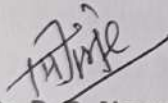
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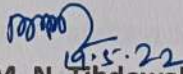
This is to certify that the project report entitled “Smart Snib” is approved as a creditable study and carried out and presented by

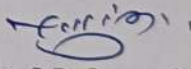
Pranjali Amalkar
Pranoti Gaigol
Deepika Verma

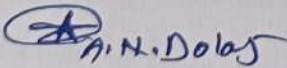
(PRN:183129718082)
(PRN:183129718171)
(PRN:183129718090)

in a manner satisfactory warrant of its acceptance as a pre-requisite in a partial fulfillment of the requirements for the degree of Electronics & Telecommunication Engineering Sant Gadge Baba Amravati University, Amravati during the session 2021-2022.


Dr. D. D. Nawgaje
Project Guide


Dr. M. N. Tibdewal
Prof./Head, E&TC


Dr. S.B. Somani
Principal


A. N. Dolaj

Internal Examiner

Prof. _____
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Department of Electronics & Telecommunication Engineering
Shri Sant Gajanan Maharaj College of Engineering,

Shegaon – 444203, Maharashtra, India

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Certificate

This is to certify that the project report entitled “**Adaptive Traffic Light Control Using IR Sensors and Arduino**” is hereby approved as a creditable study carried out and presented by

Rohit Dodke

(PRN: 173129716548)

Saurabh Raut

(PRN:173129716525)

V. A. Vinodhini Rajalakshmi

(PRN: 173129716459)

Rashmi Warulkar

(PRN: 173129716419)

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 2021-22.

Dr. B. P. Harne
Project Guide

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Professor & Head, E & TC Dept.

Dr. S. B. Somani
Principal

Prof. V. M. Umale
Internal Examiner

Prof. _____
External Examiner



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(Recognized by AICTE, accredited by N.B.A, New Delhi, NAAC, Bangalore)

Certificate

This is to certify that the project report entitled “**Wireless Power Transfer Using Rectennas**” is hereby approved as a creditable study carried out and presented by

Miss Gayatri N. Dhote (PRN: 183129718107)

Miss Shatakshi K. Deshmukh (PRN:183129718105)

Miss Utkarsha S. Bhosale (PRN: 183129718131)

Miss Shweta R. Chandak (PRN: 183129718115)

in a manner satisfactory to warrant of its acceptance as a prerequisite in a partial fulfillment of the requirements for the degree of Bachelor of Engineering in Electronics & Telecommunications Engineering of Sant Gadge Baba Amravati University, Amravati during the academic session 2021-22.

Dr. B. P. Harne
Guide

Dr. M. N. Tibdewal
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Principal

Prof. V. M. Umale
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Prof. R. K. Fate
External Examiner



Department of Electronics & Telecommunication Engineering

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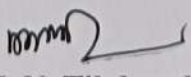
Certificate

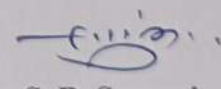
This is to certify that the project report entitled "**Smart Irrigation System**" is hereby approved as a creditable study carried out and presented by


Shashwat Jha	(PRN: 163129136180)
Vikrant Rathod	(PRN: 163129131104)
Joel Adhav	(PRN: 193120037)
Avinash Ghuge	(PRN: 163129130131)
Sumit Akinwar	(PRN: 163129130272)

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.


Dr. D. P. Tulaskar
Project Guide


Dr. M. N. Tibdewal
Prof. & Head, E & TC Dept.


Dr. S. B. Somani
Principal


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Internal Examiner

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This is to certify that the project report entitled “**Warehouse Management System for Prevention from Hazards**” is hereby approved as a creditable study carried out and presented by

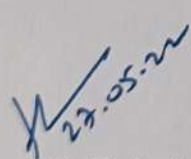
Dnyaneshwari T. Dhage (PRN: 183129718085)

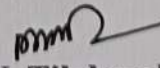
Sneha M. Pande (PRN: 183129718073)

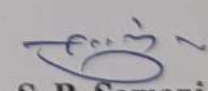
Pradnya V. More (PRN: 183129718071)


Ayush J. Sharma (PRN: 183129718155)

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 2021-22.


Dr. Dhiraj P. Tulaskar
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This is to certify that the project report entitled “**Smart Health Node**” is hereby approved as a creditable study carried out and presented by

Karansingh Kishorsingh Chandel (PRN: 173129716512)

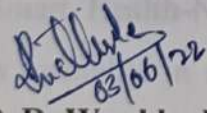
Karan Goverdhan Dhande (PRN: 173129716513)

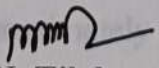
Aditi Santosh Tade (PRN: 183129718099)


Abhijit Sharad Warhekar (PRN: 173129716555)

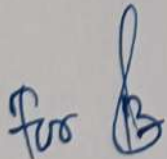
Prajwal Sanjay Nandane (PRN: 183129710002)

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 2021-22.


Dr. P. R. Wankhede
Project Guide


Dr. M. N. Tibdewal
Professor & Head, E & TC Dept.


Dr. S. B. Somani
Principal


Prof. Lopamudra Samal
Internal Examiner

Prof. _____
External Examiner



Department of Electronics & Telecommunication Engineering
Shri Sant Gajanan Maharaj College of Engineering,
Shegaon – 444203, Maharashtra, India

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Certificate

This is to certify that the project report entitled “**Smart Switch Board**” is here by approved as a creditable study carried out and presented by

Shraddha Khatri (PRN: 183129718123)

Shubhada Ingle (PRN: 183129718122)

Sakshi Huddar (PRN: 183129718121)

Sanika Deshmukh (PRN: 183129718117)

in a manner satisfactory to warrant of its acceptance as a pre-requisite in a partial fulfilment of the requirements for the degree of Bachelor of Engineering in Electronics and Telecommunication Engineering of Sant Gadge Baba Amravati University, Amravati during the session 2021-22.

Dr. P. R. Wankhede

Project Guide

Dr. M. N. Tibdewal

Prof. & Head, E & TC Dept.

Dr. S. B. Somani

Principal

Dr. Ms. B. P. Harne

Internal Examiner

Prof.

External Examiner



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Shri Sant Gajanan Maharaj College of Engineering,
Shegaon – 444203, Maharashtra, India
(Recognized by AICTE, accredited by N.B.A, New Delhi, NAAC, Bangalore)

Certificate

This is to certify that the project report entitled “**IOT Based Flood Detection and Alert System**” is hereby approved as a creditable study carried out and presented by

Omkar Bodhe (PRN: 183129718044)

Sanmay Ekawankar (PRN: 183129718068)

Rohit Gawande (PRN: 183129718055)

Akshay Jadhao (PRN: 183129718174)

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

A. N. Dolas

Project Guide

Dr. M. N. Tibdewal

Prof. & Head, E & TC Dept.

Dr. S. B. Somani

Principal

Dr. D. D. Nawgaje

Internal Examiner

Prof. **R. R. Fute**

External Examiner

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING



CERTIFICATE

This is to verify that **Ms. Pallavi Anil Bharsakle, Ms. Laxmi Vinayak Harne, Ms. Komal Gajanan Nemade and Ms. Tejaswini Rajendra Wadatkar**, student of final year B.E. in the year 2021-22 of Electronics and Telecommunication Engineering Department of this institute has completed the project work entitled “**Smart Online Examination System for Visually Impaired Person**” based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfilment of degree of Bachelor of Engineering in Electronics and Telecommunication Engineering.

A. N. Dolas

Project Guide

Dr. D. D. Nawgaje

Internal Examiner

External Examiner

Dr. M. N. Tibdewal

Head, EXTC

Dr. S. B. Somani

Principal, SSGMCE



CERTIFICATE

This is to certify that the project report entitled

Development of Efficient Speed Detection and Number Plate Recognition

Submitted by

Akash Chandere

Kislay Kumar

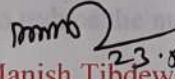
Ameykumar Sangole

Rajan Gupta

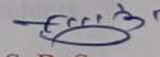
is in partial fulfillment of the requirements for the award of the degree of Bachelor of Engineering in Electronics and Telecommunication Engineering by Sant Gadge baba Amravati University, Amravati, and is a bonafide work carried out and completed under my guidance and supervision during the session 2021-2022.


Dr. V.V. Ratnaparkhi

(Project Guide)


Dr. Manish Tibdewal

(Head of Department)


Dr. S. B. Somani

(Principal)


Prof. R.R. Fok
(External Examiner)

**Department of Electronics & Telecommunication Engineering
Shri Sant Gajanan Maharaj College of Engineering,
Shegaon- 444 203 (M.S.)**

(Recognized by AICTE, accredited by N.B.A, New Delhi, NAAC, Bangalore & ISO 9001:2000)
2021-2022

Website: <http://www.ssgmce.org>



CERTIFICATE

This is to certify that the project report entitled

RFID Based Smart Shopping Trolley With Automated Billing Using IoT

Submitted by

Priyanka Chavan

Shraddha Bhambere

Rutika Deshmukh

Vaishnavi Kolhe

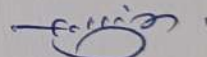
is in partial fulfillment of the requirements for the award of the degree of Bachelor of Engineering in Electronics and Telecommunication Engineering by Sant Gadge baba Amravati University, Amravati, and is a bonafide work carried out and completed under my guidance and supervision during the session 2021-2022.


Dr. V.V. Ratnaparkhi

(Project Guide)


Dr. M. N. Tibdewal

(Head of Department)


Dr. S. B. Somani

(Principal)

Prof.....
(External Examiner)

Department of Electronics & Telecommunication Engineering
Shri Sant Gajanan Maharaj College of Engineering,
Shegaon- 444 203 (M.S.)

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2021-2022

Website: <http://www.ssgmce.org>



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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 “**Smart Jacket**” is hereby approved as a creditable study carried out and presented by

Mr. Mandeepsingh Bagga (PRN: 183129718051)

Mr. Rohit Mankar (PRN: 183129718047)

Ms. Vaishnavi Vyawahare (PRN: 183129718124)

Mr. Aditya Gohatre (PRN: 193120013)

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 2021-22.

Prof. V. K. Bhangdiya
Project Guide

Dr. M. N. Tibewal
Prof. & Head, E & TC Dept.

Dr. S. B. Somani
Principal

Prof. V. N. Bhonge
Internal Examiner

Prof. _____
External Examiner



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Certificate

This is to certify that the project report entitled “**Text Detection from Image**”
is hereby approved as a creditable study carried out and presented by


Dhiraj Thate (PRN: 193120042)

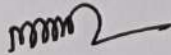
Sandesh Mishra (PRN: 183129718158)

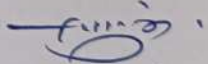
Milind Sultane (PRN: 193120014)

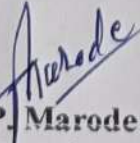
Laxman Dukare (PRN: 193120041)

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 2021-22.


Prof. V. K. Bhangdiya
Project Guide


Dr. M. N. Tibdewal
Professor & Head, E & TC Dept.


Dr. S. B. Somani
Principal


Prof. T. P. Marode
Internal Examiner

Prof. _____
External Examiner



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Certificate

This is to certify that the project report entitled “**The IoT Based Exercise Cycle**” is hereby approved as a creditable study carried out and presented by

Ritanshu Khatke (PRN:183129718042)

Pranav Bhople (PRN:183129718050)

Jayesh Tayde (PRN:183129718039)

Hariom Modokar (PRN:183129718049)

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 2021-22.

Prof. K. T. Kahar
Project Guide

Dr. M. N. Tibdewal
Professor & Head, E & TC Dept.

Dr. S. B. Somani
Principal

N.K. Bhargava
Internal Examiner

Prof. _____
External Examiner



**Department of Electronics & Telecommunication
Engineering**

Shri Sant Gajanan Maharaj College of Engineering,

Certificate

This is to certify that the project report entitled "**Automatic Railway Gate Control Using Arduino Uno.**" is hereby approved as a creditable study carried out and presented by

Janhavi Jaiswal (193120032)

Ashwini Sonone (193120027)

Nisha Hattel (193120023)

Shraddha Jawalkar (193120035)

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.

Prof. K. T. Kahar

Project Guide

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Professor. & Head, E & TC
Dept.

Dr. S. B. Somani

Principal

Internal Examiner

Prof. _____
External Examiner



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Certificate

This is to certify that the project report entitled “**Design and Performance Evaluation of Fractal Antenna for Wireless Applications.**” is hereby approved as a creditable study carried out and presented by

Ku. Divya Wagh (PRN: 173129716489)

Ku. Shubhangi Dhole (PRN: 183129718089)

Ku. Snehal Thelkar (PRN: 183129718133)

Ku. Priyanka Dandale (PRN: 193120021)

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 2021-22.

Prof. P. D. Kale
Project Guide

Dr. M. N. Tibdewal
Professor & Head, E & TC Dept.

Dr. S. B. Somani
Principal

Prof. S. G. Nemane
Internal Examiner

Prof. _____
External Examiner



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Shri Sant Gajanan Maharaj College of Engineering,
Shegaon – 444203, Maharashtra, India
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Certificate

This is to certify that the project report entitled “**IOT Based Health Monitoring System Using Node MCU**” is hereby approved as a creditable study carried out and presented by

Piyush Bhimalwar	(173129716516)
Samrudha Chintawar	(173129716539)
Vaibhav Kadam	(173129716446)
Anurag Deshmukh	(173129716549)

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 2021-22.

Prof. P. D. Kale

Project Guide

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Professor & Head, E & TC Dept.

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Shegaon – 444203, Maharashtra, India

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CERTIFICATE

This is to certify that the project report entitled “**IoT Based Home Control And Monitoring System Using ESP32 and Sensors**” is hereby approved as a creditable study carried out and presented by

Ashish G. Tade (PRN : 173129716450)

Sumit D. Kulwant (PRN : 173129716543)

Vaishnavi A. Gulwe (PRN : 173129716469)

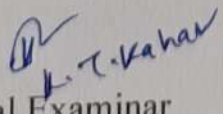
Mayuri S. Sonone (PRN : 173129716478)

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

Prof. Komal S. Vyas
Project Guide

Dr. M. N. Tibdewal
HOD, EXTC Dept.

Dr. S. B. Somani
Principal

Prof. 
Internal Examiner

Prof. _____
External Examiner



Department of Electronics & Telecommunication Engineering
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Shegaon – 444203, Maharashtra, India
(Recognized by AICTE, accredited by N.B.A, New Delhi, NAAC, Bangalore)

Certificate

This is to certify that the project report entitled “**Door Security System for Home Monitoring Based on Arduino Uno**” is hereby approved as a creditable study carried out and presented by

Ms. Sakshi Varma (PRN: 183129718109)

Ms. Sanjivani Gothe (PRN: 183129718135)

Mr. Sameer Zopate (PRN: 183129718164)

Ms. Varda Deshmukh (PRN: 183129718100)

in a manner satisfactory to warrant of its acceptance as a prerequisite in a partial fulfilment of the requirements for degree of **Bachelor of Engineering in Electronics & Telecommunication Engineering** of Sant Gadge Baba Amravati University, Amravati.

Prof. K. S. Vyas

Project Guide

Dr. M. N. Tibdewal

Prof. & Head, E&TC Dept.

Dr. S. B. Somani

Principal

Prof. A. Dolas

Internal Examinee

Prof. _____

External Examiner



Department of Electronics & Telecommunication Engineering

Shri Sant Gajanan Maharaj College of Engineering,

Shegaon - 444203, Maharashtra, India

Certificate

This is to certify that the project report entitled "Smart Waste Management System for Railway Coaches" is hereby approved as a creditable study carried out and presented by

Gatha Bhusari (PRN: 193120011)

Aditi Khandare (PRN: 193120017)

Nidhi Raut (PRN: 193120034)

Purva Ambadkar (PRN: 193120033)

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 2021-22.

Mr. S. P. Badar

Project Guide

Dr. M. N. Tibdewal

Professor & Head, E & TC Dept.

Dr. S. B. Somani

Principal

Dr. D. P. Tulaskar

Internal Examiner

Prof. _____

External Examiner



Shri Sant Gajanan Maharaj College of Engineering,

Shegaon – 444203, Maharashtra, India

Department of Electronics & Telecommunication Engineering

Certificate

This is to certify that the project report entitled "**Current Controlled Current Differencing Transconductance Amplifier for Analog Signal Processing**" is hereby approved as a creditable study carried out and presented by

Vishnu Mathariya (PRN: 183129718061)

Abhijeet Jawanjalkar (PRN: 163129131334)

Trupti Gawande (PRN: 163129136010)

Srushti Thorat (PRN: 183129718086)

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 2021-22.

Mr. S. P. Badar
Project Guide

Dr. M. N. Tibdewal
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Shri Sant Gajanan Maharaj College of Engineering,
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Certificate

This is to certify that the project report entitled “**Implementation of IOT in Precision Agriculture**” is hereby approved as a creditable study carried out and presented by

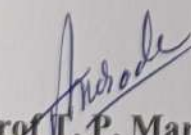
Payal Rathi (PRN: 183129718095)

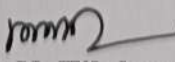
Sayali Joshi (PRN: 183129718088)

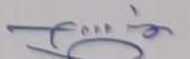
Akshay Nutiwar (PRN: 173129716498)

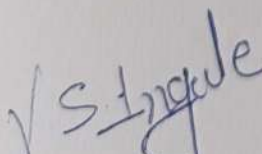
Shailesh Gawande (PRN: 183129718058)

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 2021-22.


Asst. Prof. **T. P. Marode**
Project Guide


Dr. **M. N. Tibdewal**
Professor & Head, E & TC Dept.


Dr. **S. B. Somani**
Principal


Prof. **V S. Ingole**
Internal Examiner

Prof. _____
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Certificate

This is to certify that the project report entitled “**Smart Agronomy Cultivation Using IOT & WSN**” is hereby approved as a creditable study carried out and presented by

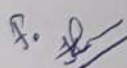
Ms. Divya S. Bhavsar (PRN: 193120020)

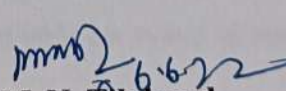
Ms. Riddhi Jaju (PRN: 183129718079)

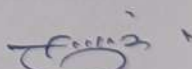
Mr. Omkar Kulkarni (PRN: 183129718063)


Mr. Sudarshan Vaidya (PRN: 183129718052)

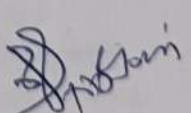
in a manner satisfactory to warrant of its acceptance as a pre-requisite in a partial fulfillment of the requirements for the degree of Bachelor of Engineering in Electronics & Telecommunication Engineering of Sant Gadge Baba Amravati University, Amravati during the Session 2021-22.


Prof. Lopamudra Samal
Project Guide


Dr. M. N. Tibdewal
Professor & Head, E&TC Dept.


Dr. S. B. Somani
Principal


Prof. B. P. Harne
Internal Examiner


Prof.
External Examiner



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Shri Sant Gajanan Maharaj College of Engineering,
Shegaon – 444203, Maharashtra, India

Certificate

This is to certify that the project report entitled “**Floor Cleaning Robot for Domestic Application**” is hereby approved as a creditable study carried out and presented by

Vaishnavi D. Lahare (PRN: 183129718118)

Revati B. Rathi (PRN: 183129718114)

Pallavi S. Khairkar (PRN: 183129718111)

Rashmita G. Mahore (PRN: 193120031)

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Prof. Lopamudra Samal

Project Guide

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Certificate

This is to certify that the project report entitled “**Student Performance Evaluation System**” is hereby approved as a creditable study carried out and presented by

Gauri P. Jadhav (PRN: 183129718083)

Pranali K. Gondchawar (PRN: 183129718173)

Vishakha V. Darshanala (PRN: 183129718094)

Sayali V. Khedkar (PRN: 183129718091)

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 2021-22.

Prof. Vikram S. Ingle
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Professor & Head, E & TC Dept.

Dr. S. B. Somani
Principal

Prof. T. P. Marode
Internal Examiner

Prof. R. K. Patil
External Examiner



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Certificate

This is to certify that the project report entitled “**Robotic Vehicle Surveillance System**” is hereby approved as a creditable study carried out and presented by

Mr. Rushikesh M. Yelane (PRN: 193120028)

Mr. Sanket S. Shingade (PRN: 193120038)

Mr. Mufees A. Shaikh (PRN: 193120015)

Mr. Zubair S. Khan (PRN: 193120039)

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Prof. V. S. Ingole
Project Guide

Dr. M. N. Tibdewal
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Prof. _____
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Certificate

This is to certify that the project report entitled “ **Voice Control Based Home Appliances System Using Arduino** ” is hereby approved as a creditable study carried out and

presented by

Atharva S. Gulhane (PRN: 183129718059)

Pranit R. Bhojekar (PRN: 193120036)

Aditya P. Mankar (PRN: 193120040)

Suraj S. Awachar (PRN: 173129716449)

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 2021-22.

Prof. S.G. Nemane

Project Guide

Dr. M. N. Tibdewal

Professor & Head, E & TC Dept.

Dr. S. B. Somani

Principal

Prof. Ashwini Deshmukh

Internal Examiner

Prof. _____

External Examiner



Certificate

The foregoing dissertation entitled “**Intelligent MPPT**” is hereby approved as a creditable study of an engineering discipline (**Digital Electronics**) carried out and presented by **Mr. Swapnil Wadodkar** in a manner satisfactory to warrant its acceptance as a pre-requisite to his **Master of Engineering** degree in **Digital Electronics** of Sant Gadge Baba Amravati University, Amravati.

Prof. V. M. Umale
Project Guide

Dr. M. N. Tibdewal
HOD (E & TC)

Dr. S. B. Somani
Principal

External Examiner



Shri Gajanan Shikshan Sanstha's
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Department of Information Technology

PG.No.	Name of Guide	Project Group Members	Project Title
1	Prof. A. S. Manekar	Akshay Agrawal	Smart Mirror by using Raspberry Pi for Corporate Office.
		Kalyani Bonde	
		Radhika Jadhav	
		Vaishnavi Kanherkar	
2	Prof. A. S. Manekar	KshitijKhillare	Machine Learning Based Motion Tracking for 3D Model Animation
		Mohit Bohra	
		Om Masne	
		Gita Fase	
3	Prof. Ms. P.V.Kale	Disha Wadhe	Sentiment Analysis using Product Based Review
		RutuJaJangamwar	
		Shweta Narwade	
		Vedika Gawande	
4	Prof. Ms. P.V.Kale	Pratik Bondre	To Build A Social Media App with Text Summarizer and Voice Assistance
		RushabhGuntiwar	
		Rutik Gawande	
		Vivek Bhore	
5	Prof. A.K.Shahade	Ishita Koradia	Smart Attendance Monitoring System based on Deep Learning Approach
		Karan Gadodia	
		Sayali Patil	
		Vaibhav Kotecha	
6	Prof. A.K.Shahade	Mamata Rajput	Development of e-Library management system using Flutter and Dart
		Manisha Ubharhande	
		RutuJaDhanorkar	
		Shivani Nirmal	
7	Prof. A. G. Sharma	Kapil Patil	System Application for Selling Bakery Products
		ShrutamDhone	
		Vaibhav Chandekar	
		Vikas Damre	
8		AratiWadhe	My Cloud Service



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		Kaustubh Agrawal	
		Nikita Ingle	
		RitikHujwant	
9	Prof. F.I. Khandwani	PrajyotBurbure	Webapp for Cloud based Hybrid IDE
		ShreyashMohad	
		SanketTikar	
		Om Sonone	
10	Prof. F.I. Khandwani	PunamDeokate	Hospital and Blood Donors finding system using Android
		Rakshanda Kare	
		Ruchi Kumari	
		SanjivniWarthe	
11	Prof. S. D. Padiya	HritikKahalkar	Get Admit: Your Admission Guide
		Muskan Bhagat	
		Rohit Salampuriya	
		Siddhant Gupta	
12	Prof. S. D. Padiya	Rohitraj Deshmukh	City Services
		Monish Sathe	
		Vishal Kothalkar	
		Akhil Jamatkar	
13	Prof. S. S. Muddalkar	Ayush Batra	Document Analyzer
		AyushNaphade	
		Kiran Kolte	
		Neha Lokhande	
14	Prof. S. S. Muddalkar	Khushal Ingole	EV-Station finding App.
		Nishant Chaturkar	
		Rahul Lanjewar	
		ShreyashWadaskar	
15	Prof. Ms. P. P. Bute	DevshriPohare	Writocity – read, write & share App
		DhanshriTherokar	
		Manjiri Kolte	
		Priyal Sonar	




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Website- www.ssgmce.ac.in

16		LakshitJangid	Heart Disease Prediction using Machine Learning Algorithm	
		Prajwal Vijaykar		
		Shruti Lahoti		
		Shrushti Deshpande		
17	Prof. P. H. Gohatre	Aman Surkar	Detection of Deepfakes via Inception Resnet V2	
		Anand Wankhade		
		Kunal Nemade		
18			PranjaliPande	Real Time Hand Gesture Recognition System
			Prachi Joshi	
			Prasad Rudrawar	
			Prathamesh Raut	
19		Vikrant Ughade	Effect of COVID work from home on the health of students based on the active step count per day.	
		Gauri Panpaliya		
		Kartik Chauhan		
		Vandita Joshi		
20	Prof. Ms. K. J. Sapkal	SuyashChilwarwar	EzSQLi Detection Tool	
		RushikeshAmbuskar		
		Nitesh Mankar		
		Sahil Annaldewar		
		Ashwin Bagade		
21		Priti Vyas	Remote Healthcare Monitoring system for hypertensive patient based on IOT	
		Prem Karale		
		Rohit Bhutada		


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**



2021-2022

CERTIFICATE

This is to certify that **Mr. Akshay Agrawal, Ms. Kalyani Bonde, Ms. Radhika Jadhav, Ms. Vaishnavi Kanherkar** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled "**Smart Mirror Using Raspberry Pi for Corporate Office**" 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.

Dr. A. S. Manekar
(Project Guide)

Dr. 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**



2021-2022

CERTIFICATE

This is to certify that **Mr. Om Masne, Mr. Mohit Bohra, Ms. Gita Fase, Mr. Kshitij Khillare** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled “**Machine Learning based motion tracking for 3D model animation**” 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.

Dr. A. S. Manekar
(Project Guide)

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

Dr. S. B. Somani
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**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON**



2021-2022

CERTIFICATE

This is to certify that **Ms. Disha Wadhe, Ms. Rutuja Jangamwar, Ms. Shweta Narwade, Ms. Vedika Gawande** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled **“SENTIMENT ANALYSIS USING PRODUCT BASED REVIEWS”** 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. V. Kale
(Project Guide)**

**Dr. A. S. Manekar
(Head, Dept. of IT)
S.S.G.M.College of Engineering,
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**Dr. S. B. Somani
(Principal)
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**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON**



2021-2022

CERTIFICATE

This is to certify that **Mr. Pratik Bondre, Mr. Vivek Bhore, Mr. Rutik Gawande, Mr. Vrushabh Guntiwar** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled "**SOCIAL MEDIA BLOG APP-APNABLOG**" 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

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

Dr. S. B. Somani
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**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON**



2021-2022

CERTIFICATE

This is to certify that **Mr. Karan Gadodia, Ms. Ishita Koradia, Ms. Sayali Patil, Mr. Vaibhav Kotecha** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled **“Smart Attendance Monitoring System Based on Deep Learning Approach”** 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

Dr. A. S. Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
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Dr. S. B. Somani
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Shegaon

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



2021-2022

CERTIFICATE

This is to certify that **Ms. Mamata Rajput, Ms. Manisha Ubarhande, Ms. Rutuja Dhanorkar, Ms. Shivani Nirmal** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled "**Development Of E-Library Management System Using Flutter and Dart**" 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

Dr. A. S. Manekar
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Dr. S. B. Somani
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07

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



2021-2022

CERTIFICATE

This is to certify that **Mr. Vaibhav Chandekar, Mr. Vikas Damre, Mr. Shrutam Dhone, Mr. Kapil Patil** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled "**System Application to sell products of Bakery**" 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. A. G. Sharma
(Project Guide)

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

Dr. S. B. Somani
Principal
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2021-2022

CERTIFICATE

This is to certify that **Ms. Arati Wadhe, Mr. Kaustubh Agrawal, Ms. Nikita Ingle, Mr. Ritik Hujwant**, students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled “**My Cloud Services**” 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. G. Sharma
(Project Guide)

Dr. A. S. Manekar
Head, Dept. of IT
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Dr. S. B. Somani
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2021-2022

CERTIFICATE

This is to certify that **Mr. Om Sonone, Mr. Prajyot Burbure, Mr. Sanket Tikar, Mr. Shreyash Mohod** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled "**Webapp for Cloud based hybrid Integrated development environment(IDE)**" 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. Faizan I Khandwani
Project Guide

Dr. 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,
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ENGINEERING
SHEGAON**



2021-2022

CERTIFICATE

This is to certify that **Ms. Poonam Deokate, Ms. Rakshanda Kare, Ms. Ruchi Kumari, Ms. Sanjivani Warthe**, students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled **“HOSPITAL AND BLOOD DONAR FINDING SYSTEM USING ANDROID”** 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. Faizan I Khandwani
(Project Guide)

Dr. A S Manekar
Head, Dept. of IT
SSGM 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**



2021-2022

CERTIFICATE

This is to certify that **Mr. Hritik Kahalkar, Ms. Muskan Bhagat, Mr. Rohit Salampuriya, Mr. Siddhant Gupta** students of final year B.E. (Information Technology) in the year 2021-2022 of the Information Technology Department of this institute has completed the project work entitled **“GetAdmit – Your Admission 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)

Dr. 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**



2021-2022

CERTIFICATE

This is to certify that **Mr. Rohitraj Deshmukh, Mr. Monish Sathe, Mr. Akhil Jamatkar, Mr. Vishal Kothalkar** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled "**CityServices**" 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. Sagar Padiya
(Project Guide)

Dr. 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**



2021-2022

CERTIFICATE

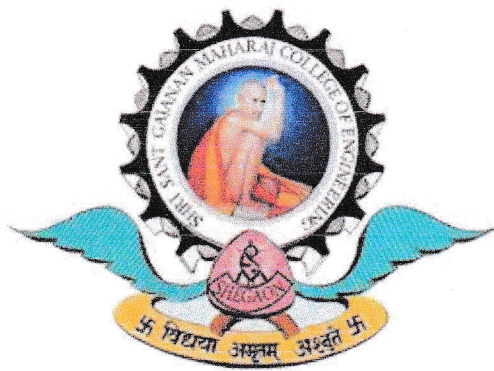
This is to certify that **Mr. Kiran Kolte, Mr. Ayush Batra, Mr. Ayush Naphade, Ms. Neha Lokhande**, students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled "**Document Analyzer**" based on 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.

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

Prof. S.S Muddalkar
(Project Guide)

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

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



2021-2022

CERTIFICATE

This is to certify that **Mr. Nishant S. Chaturkar, Mr. Khushal D. Ingole, Mr. Shreyash B. Wadaskar, Mr. Rahul B. Lanjewar** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled **“Electric Vehicle Charging Station Finding 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. S.S. Muddalkar
(Project Guide)

Dr. 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**



2021-2022

CERTIFICATE

This is to certify that **Ms. Dhanshri Therokar, Ms. Devshri Pohare, Ms. Manjiree kolte, Ms. Priyal Sonar** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled "**Writocity**" 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.

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

Prof. Pallavi Bute
(Project Guide)

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

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



2021-2022

CERTIFICATE

This is to certify that **Ms. Shruti Lahoti, Ms. Srushti Deshpande, Mr. Lakshit Jangid, Ms. Prajwal Vijaykar** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled **“HEART DISEASE PREDICTION USING MACHINE LEARNING ALGORITHMS”** 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.

Name of Guide
Prof. Ms. P.P. Bute

Dr. 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**



2021-2022

CERTIFICATE

This is to certify that **Ms. Pranjali Pande, Mr. Aman Surkar, Mr. Anand Wankhade, Mr. Kunal Nemade** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled **“Deepfake detection via Inception-Resnet-V2”** 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.

Dr. A. S. Manekar
(Project Guide)

Dr. 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**



2021-2022

CERTIFICATE

This is to certify that **Mr. Prathamesh Raut, Mr. Vikrant Ughade, Ms. Prachi Joshi, Mr. Prasad Rudrawar** 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 **“Realtime Hand Gesture Recognition System”** based on syllabus and has submitted a satisfactory account of his/her work in this report which is recommended for the partial fulfilment of degree of Bachelor of Engineering in Information Technology.

Prof. A. K. Shahade
Project Guide

Dr. 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**



2021-2022

CERTIFICATE

This is to certify that **Mr. Suyash Chilwarwar, Ms. Gauri Panpaliya, Mr. Kartik Chauhan, Ms. Vandita Joshi** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute have completed the project work entitled "**Effect of Work from Home on the Health of Students Based on the Various Health and Activity Parameters**" 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. K. J. Sapkal
(Project Guide)

Dr. 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



2021-2022

CERTIFICATE

This is to certify that **Ashwin Bagade, Nitesh Mankar, Priti Vyas, Rushikesh Ambuskar, Sahil Annaldewar** 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 “**SQL Detection Tool**” 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. K.J Sapkal
(Project Guide)

Dr. 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
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SHEGAON



2021-2022

CERTIFICATE

This is to certify that **Mr. Rohit Bhutada and Mr. Prem Karale** students of final year B.E. (Information Technology) in the year 2021-2022 of Information Technology Department of this institute has completed the project work entitled “**Remote Healthcare Monitoring System Using IoT**” 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. Ms. K. J. Sapkal**

Dr. 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
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

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“Approved by the D.T.E., M.S. Mumbai”

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

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
DEPARTMENT OF MECHANICAL ENGINEERING

FINAL YEAR PROJECT GROUPS {Session: 2021 – 22}

Group Number	Name of Guide	Name of Student	Leader / Member
1	Dr. S. P. Trikal	Ritik Barwad	Leader
		Atharva Wakodikar	Member
		Kamran Ozir	Member
		Dipak Nagar	Member
		Dhawal Raja	Member
		Sagar Bhagwat	Member
2	Dr. V. K. Thute	Sarang Bhure	Leader
		Kapil Wawre	Member
		Dushyant Gonde	Member
		Pankaj Meshram	Member
		Akash Nakhod	Member
		Sahil Karpe	Member
3	Prof. M. B. Bhambere	Anjali Bal	Leader
		Sandesh Wankhade	Member
		Sakshi Kale	Member
		Rutvik Dhage	Member
		Ankur Tikait	Member
		Abhishek Dawale	Member



Shri Gajanan Shikshan Sanstha's
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Fax : 091-7265-252346

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

4	Prof. C. V. Patil	Jivan Ambhore Sarvesh Belokar Vaibhav Deshmukh Pankaj Wakode Vrushali Mahalle Pragati Tayade	Leader Member Member Member Member Member
5	Dr. J. G. Khan	Krushna Khade Shubham Chhadi Kunal Deshmukh Roshan Ladole Rushikesh Burukale Aditya Wankhade	Leader Member Member Member Member Member
6	Prof. A. S. Bharule	Shivam Mapari Sahil Gawande Abhishek Bombatkar Mrunal Bajare Tanvi Nanote	Leader Member Member Member Member
7	Prof. N. B. Borkar	Akash Sonone Rishikesh Borakhade Prathmesh Dange Amey Pote Tejas Sonar Akash Nikam	Leader Member Member Member Member Member
8	Dr. N. H. Khandare	Sohil Shekh Harish Deshmukh Bharati Bhosale Vaishnavi Bhatkar Kunal Chavan Shubham Bhanarkar	Leader Member Member Member Member Member
9	Prof. S. Q. Syed	Ruchi Joshi Sonal Jangale Sumit Thakare Siddharaj Patil Abhinav Dhale Yash Rewatkar	Leader Member Member Member Member Member
10	Prof. P. T. Patokar	Sarang Jadiye Prasanna Patil Abhinav Khode Shubham Tayade Pratik Zodpe Shivam Falke	Leader Member Member 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

11	Prof. K. R. Gandhare Prof. N.G. More	Sanjay Patil Ashwin Pote Kinshuk Sugandhi Krushna Gaikwad Vedika Dalvi	Leader Member Member Member Member
12	Prof. R. V. Rajkolhe Prof. P.T. Patokar	Anas Khan Makarand Pandao Kunal Kadu Pratik Fasate AshwiniPhate	Leader Member Member Member Member
13	Prof. N. G. More	Dhanraj Burewar Ayush Rajput Darshan Laddha Mayur Mahajan Prathamesh Nimbekar Sagar Kapgate	Leader Member Member Member Member Member
14	Prof. K. D. Gadgil	Swapnil Dabhade	Leader

		Pankaj Ingle Priti Aswar Pradyumna Raut Apoorva Sarkate	Member Member Member Member
15	Prof. K. V. Chandan	Ritika Dhenge Vaibhav Kolhe Sampada Pachpor Vishal Karhad Saurabh Uike	Leader Member Member Member Member

Prof. C. V. Patil
Project Coordinator

Dr. S. P. Trikal
HOD Mech Engg Deptt

DEPARTMENT OF BUSINESS ADMINISTRATION AND
RESEARCH

SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING,

SHEGAON, BULDHANA 444203 (M.S.)

Website: <http://www.ssgmce.org>

CERTIFICATE

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.



Project Guide :

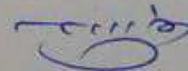
Dr. Mayur A. Dande



Dr. H. M. Jha "Bidyarthi"

Prof & Head, DBA&R,

SSGMCE, Shegaon



Dr. S. B. Somani

Principal

SSGMCE, Shegaon



DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,

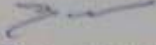
SHEGAON, BULDHANA 444203 (M.S.)

Website: <http://www.ssgmce.org>


CERTIFICATE

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.

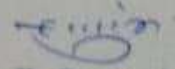

Project Guide

Dr. Mayur M. Dande


Dr. H.M. Jha "Bidyarthi"

Prof & Head

DBAR, SSGMCE, Shegaon

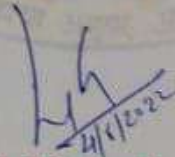

Dr. S. B. Somani

Principal

DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH
SHRI SANT GALANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON 444203 (MAHARASHTRA)
(Accredited By N.B.A. New Delhi & ISO 9001:2000, NAAC, BANGLORE)
Website: <http://www.ssgmce.org>

CERTIFICATE

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
Prof & (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 AND RESEARCH
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON, BULDHANA 444203 (M.S.)
Website: <http://www.ssgmce.ac.in>


CERTIFICATE

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

Prof. V. V. PATIL


Dr. H. M. Jha "Bidyarthi"

Prof & Head
DBAR, SSGMCE, Shegaon


Dr. S. B. Somani


Principal
SSGMCE, Shegaon

DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH
SRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON, BULDHANA 444203(M.S)
(Accredited By N.B.A, New Delhi, NAAC, Bangalore)
Website: <http://www.ssgmce.org>

CERTIFICATE


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

Project Guide (D.B.A.R)


Dr. H. M. Jha "Bidyarthi"

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

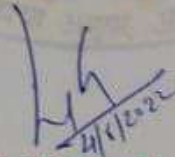

Dr. S. B. Somani

**Principal,
SSGMCE SHEGAON**

DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH
SHRI SANT GALANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON 444203 (MAHARASHTRA)
(Accredited By N.B.A. New Delhi & ISO 9001:2000, NAAC, BANGLORE)
Website: <http://www.ssgmce.org>

CERTIFICATE

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
Prof & (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 AND RESEARCH
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON, DIST. - HULLDILANA-444203 (M.S.)

Website: <http://www.ssgmce.ac.in>


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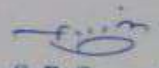
This is to certify that **Anita Niwrutli Mali** is the student of M.B.A. Final year (HR and Finance) of Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. He has carried out the research work entitled "**A Study on Digital Payment system with 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"
Prof & Head
D.B.A.R, SSGMCE, Shegaon


Dr. S. B. Somani
Principal
SSGMCE, Shegaon



DEPARTMENT OF BUSINESS ADMINISTRATION & RESEARCH SHRI SANT
GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON, BULDHANA
444203 (M.S.)

[Accredited By N.B.A., New Delhi, NAAC,
Bangalore] Website: <http://www.ssgmce.org>

CERTIFICATE


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

DBAR, SSGMCE, Shegaon



Dr. S. B. Somani

Principal,

SSGMCE, Shegaon



SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING SHEGAON -444203, Ph.No.: (07265) 252116/252478)
Fax 07265-252346

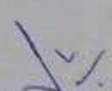
CERTIFICATE

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.

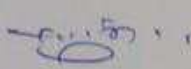
This research work has been carried out under my supervision and is of sufficiently high standard to warrant its presentation for the examination leading to the Degree of Masters of Business Administration of Sant Gadge Baba Amravati University, Amravati.


Prof. Vishal Patil Sir

Project Guide


Prof. Dr. H. M. Jha Bidyarthi

H.O.D., D.B.A. & R.,
S.S.G.M.C.E., Shegaon.


Dr. S. B. Somani

Principal

DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON, BULDHANA 444203 (M.S)

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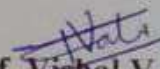
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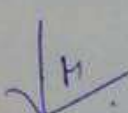
CERTIFICATE


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
Professor & Head
(D.B.A.R.) SSGMCE SHEGAON


Dr. S. B. Somani
Principal
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CERTIFICATE

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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CERTIFICATE

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
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Dr. H. M. Jha "Bidyarthi"

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CERTIFICATE

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.

Prof. Bilal Husain
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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.

Prof. B. T. Hussain
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CERTIFICATE

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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CERTIFICATE

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

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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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CERTIFICATE

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

Assistant Professor and Project Guide

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Dr. H. M. Jha Bidyarthi

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



Dr. H. M. Jha "Bidyarthi"
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CERTIFICATE

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 Degree of Master of Business Administration of Sant Gadge Baba Amravati University Amravati.

PROF. W. Z. SULIYA

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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
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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

DBAR, SSGMCE, Shegaon


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

Dr. H.M. Jha Bidyarthi
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CERTIFICATE

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"

Project Guide

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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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

H.O.D., D.B.A. & R.,
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Principal



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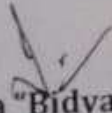
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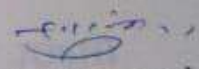
This is to certify that Miss. Aditi Arun Joshi is the student of M.B.A. final year (Marketing) of Department of Business Administration and Research, Shree Sant Gajanan Maharaj College of Engineering, Shegaon. She has carried out the research work entitled, **A study of consumer buying behavior towards 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.


DR. H. M. JHA BIDYARTHI

Project Guide


Dr. H. M. Jha "Bidyarthi"
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