

JAGADAMBHACOLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL.

Certificate

This is to certify that the project Report entitled

**“POWER SYSTEM PROTECTION USING HIGH
VOLTAGE DISTRIBUTION LINE”**

Being Submitted by...

Mr. Sumit Suresh Dikundwar

Ms. Shweta Mohan Ghode

Ms. Yashshree Rajendra Chuke

Mr. Prashant Natthu Pimpalkar

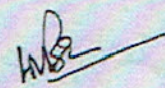
Ms. Naima Abubakar Sayyed

Mr. Akash Uddhav Jadhao

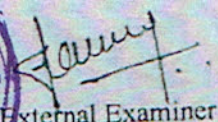
In a partial fulfillment of the requirements for the award of Bachelor Degree in *Electrical Engineering* of Sant Gadge Baba Amravati University, Amravati and this bonafide work carried out and completed under my guidance and supervision during the session 2016-2017.



Dr. V.G. Neve
(Project Guide & Head of Department)



Dr. H. M. Baradkar
(Principal)



External Examiner

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering & Technology, Yavatmal

JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL




CERTIFICATE


This is to certify that the Project Report entitled
"KINETIC ENERGY RECOVERY SYSTEM USING
FLYWHEEL"


Submitted by

MR. HEMANT V. CHUNARKAR
MS. PRITI D. HIWARKAR
MS. PRIYA G. AMBAGHARE
MR. VAIBHAV S. DURKEWAR

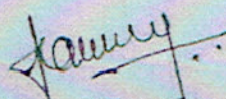
In a partial fulfillment of the requirements for the award of Degree of Bachelor of Engineering in Electrical Engineering of Sant Gadge Baba Amravati University, Amravati and is bonafide work carried out and completed under my guidance and supervision during the session 2016-2017.


Guide Name
Prof. E. A. Rangari


Head of Department
Prof. Dr. V. G. Neve


Principal
Dr. H. M. Baradkar




External Examiner

Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering & Technology, Am Road, Kinhi, Yavatmal



CERTIFICATE

This is to certify that the project Report entitled
**“SPEED CONTROL OF INDUCTION MOTOR USING
ANDROID APPLICATION”**

Submitted by

Ms. Tejaswini D. Channe


Mr. Akash D. Parekar


Mr. Ankush D. Gorde

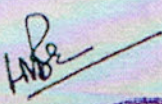
Ms. Shweta N. Shahade

Mr. Pankaj S. Rathod

In a partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical Engineering of Sant Gadge Baba Amravati University, Amravati and is bonafide work carried out and completed under my guidance and supervision during the session 2016-2017.


Prof. H. M. Ughade
(Project Guide)


Prof. Dr. V. G. Neve
(Head of Department)


Dr. H. M. Baradkar
(Principal)


External Examiner

Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal





CERTIFICATE

This is to certify that the project Report entitled

**“DEVELOPMENT IN ENERGY HARVESTING SYSTEM
USING FOUR WAY DOOR MECHANISM”**

Submitted by

Mr. Prawesh R. Meshram

Miss. Sneha N. Kharkar

Mr. Ashish A. Pawar

Miss. Shweta P. Nalage

Mr. Akshay M. Kasurkar

Miss. Paramita D. Raut

in a partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical Engineering of Sant Gadge Baba Amravati University, Amravati and is bonafide work carried out and completed under my guidance and supervision during the session 2016-2017.

Prof. P. V. Pullawar

(Project Guide)

Prof. Dr. V. G. Neve

(Head of Department)

Dr. H. M. Baradkar

(Principal)



External Examiner

Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

DEPARTMENT OF ELECTRICAL ENGINEERING
JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL (2016-17)



CERTIFICATE


This is to certify that the project report entitled
"COIN BASED UNIVERSAL MOBILE BATTERY
CHARGER"

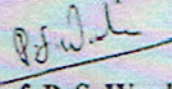
Submitted by

Ms. Surabhi V. Kolwadkar
Ms. Sayali S. Urkude
Ms. Ekta M. Kuthe


Mr. Shridhar D. Khadase
Mr. Gaurav K. Pawar
Mr. Shrikant N. Gelewar

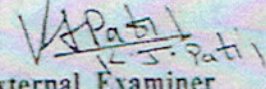
in a partial fulfillment of the requirements for the award of degree of
Bachelor of Engineering in Electrical Engineering of Sant Gadge Baba
Amravati University, Amravati and is bonafide work carried out and
completed under my guidance and supervision during the session 2016-
2017.


Prof. Dr. V. G. Neve
(Head of Department)


Prof. P. S. Wankhade
(Project Guide)




Dr. H. M. Baradkar
(Principal)


External Examiner

Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Amravati Road, Kihni, Yavatmal



CERTIFICATE

This is to certify that the project Report entitled

**“DETECTION OF POWER GRID SYNCHRONIZATION
FAILURE BY SENSING BAD VOLTAGE AND
FREQUENCY”**

Submitted by,

Mr. Suraj Wadhai

Ms. Shreya Junankar

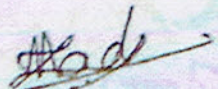
Mr. Vaibhav Hingane


Ms. Kunjan Dahekar


Mr. Chandrashekhhar Rathod

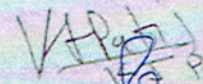
Ms. Madhuri Wadekar

In a partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical Engineering of Sant Gadge Baba Amravati University, Amravati and is bonafide work carried out and completed under my guidance and supervision during the session 2016-2017.


Prof. Ankit A. Zade
(Project Guide)


Prof. Dr. V.G. Neve
(Head of Department)


Dr. H. M. Baradkar
(Principal)


External Examiner
Jr. Hemant M. Baradkar
Principal



Jagadamba College of Engineering & Technology, Arni Road, Kinhi, Yavatmal



CERTIFICATE

This is to certify that the project Report entitled

“ ENERGY METER THEFT DETECTION ”

Submitted by

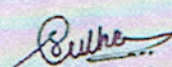
Ms. Shrawani U. Bire
Mr. Anuj S. Tundalwar
Mr. Avinash D. Pajgade

Ms. Samiksha R. Kuratkar
Ms. Sneha M. Kalekar
Mr. Vaibhav B. Godhankar

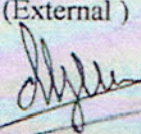
in a partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical Engineering of Sant Gadge Baba Amravati University, Amravati and is bonafide work carried out and completed under my guidance and supervision during the session 2016-2017.

Prof. 

(External)


Prof. S.O. Gulhane

(Project Guide)


Prof. Dr. V. G. N. N. N.
(Head of Department)


Dr. H. M. Baradkar

(Principal)

Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal





CERTIFICATE

This is to certify that the project Report entitled

“ DETECTION AND CLASSIFICATION OF TRANSMISSION
LINE FAULTS USING WAVELET TRANSFORM ”

Submitted by

Ms. Pallavi S. Dambhare.

Mr. Akshay V. Ghavat


Mr. Ritesh B. Uike


Ms. Ankita A. Punse


Mr. Amit B. Petkar


Ms. Dhanashri G. Gaynar

In a partial fulfilment of the requirements for the award of degree of Bachelor of Engineering in Electrical Engineering of Sant Gadge Baba Amravati University, Amravati and is bonafide work carried out and completed under my guidance and supervision during the session 2016-2017.


Prof. Dr. V. G. Neve
(Head of Department)


Dr. H. M. Baradkar
(Principal)


Prof. A. V. Mohitkar
(Project Guide)


External Examineer

Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yashwantrao Chavan



CERTIFICATE

This is to certify that the project report entitled

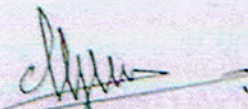
“FOOT STEP POWER GENERATION USING PIEZOELECTRIC TRANSDUCER”


Submitted by


Adarsh V. Gawai
Pranshu S. Umale
Rupesh M. Datey



Yogesh N. Suroshe
Kanchan R. Khasale
Ragini V. Jiotode

In a partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical Engineering of Sant Gadge Baba Amravati University, Amravati and is bonafide work carried out and completed under my guidance and supervision during the session 2016-2017.


Prof. Dr. V. G. Neve
(Head of Department)


Dr. H. M. Baradkar
(Principal)


Prof. K. M. Kamble
(Project Guide)


External Examiner

Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal



Certificate

This is to certify that the dissertation entitled "**BLUETOOTH AIDED SAFETY BAND FOR WOMEN USING SMARTPHONE**" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

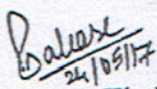
Submitted by

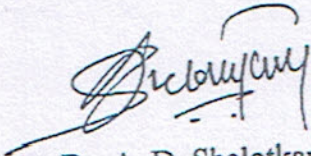
Ms. Seema P. Kasare
Ms. Gauri R. Chopade
Ms. Laxmi A. Godbole


Mr. Roshan D. Sulabhewar
Ms. Ruchika A. Durge
Ms. Rina S. Chandore




Prof. R. M. Shah
Guide
EXTC Engg. Deptt


24/05/17
Prof. K. L. Thakare
Project Co-ordinator
EXTC Engg. Deptt


Dr. A. D. Shelotkar
HOD
EXTC Engg. Deptt


Dr. H. M. Baradkar
Principal
J.C.O.E.T Yavatmal


Dr. Hemant M. Barau
Principal
Jagadamba College of Engineering &
Technology, Ami Road, Kinhi, Yavatmal



Certificate

This is to certify that the dissertation entitled "OBJECT IDENTIFICATION FOR BLIND PEOPLE USING IMAGE PROCESSING" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

Submitted by

Ms. Rajashri A. Urkutkar

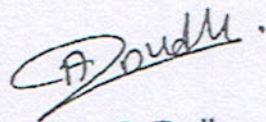
Ms. Vaibhavi D. Raut

Ms. Rani S. Bhabutkar

Mr. Nakul V. Penore

Ms. Vidya G. Kularkar

Ms. Neha S. Bhedurkar



Prof. A. R. Dudhe

Guide

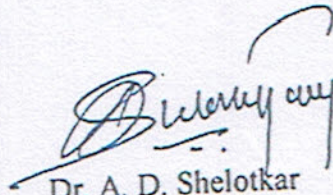
EXTC Engg. Deptt



Prof. K. L. Thakare

Project Co-ordinator

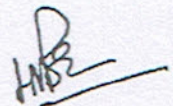
EXTC Engg. Deptt.



Dr. A. D. Shelotkar

HOD

EXTC Engg. Deptt



Dr. H. M. Baradkar

Principal

J.C.E.T. Yavatmal

Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

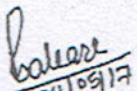


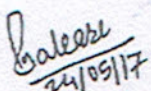
Department of Electronics & Telecommunication Engineering
**JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL**

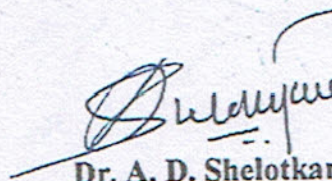



CERTIFICATE

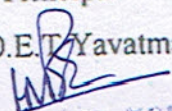
This is to certify that the dissertation entitled "MESSAGE AUTHENTICATION AND SOURCE PRIVACY USING HOP BY HOP IN WIRELESS SENSOR NETWORK" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.


24/05/17
Prof. K. L. Thakare
Guide
EXTC Engg. Deptt


24/05/17
Prof. K. L. Thakare
Project Coordinator
EXTC Engg. Deptt.


Dr. A. D. Shelotkar
HOD
EXTC Engg. Deptt


Dr. H. M. Baradkar
Principal
J.C.O.E.T Yavatmal


Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Anni Road, Kinhi, Yavatmal



Department of Electronics & Telecommunication Engineering

B.E (Electronics & Telecommunication)

JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL



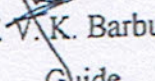
CERTIFICATE

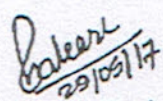
This is to certify that the dissertation entitled "DESIGN AND IMPLEMENTATION OF BUTTERWORTH FILTER FOR NOISE DETECTION IN SPEECH SIGNAL" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelors of Engineering in Electronics & Telecommunication.

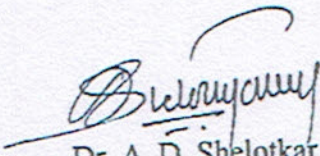
Submitted by


Ms. Vijaya K. Pise
Ms. Devyani D. Dhote
Ms. Priya J. Agarkar

Ms. Priyanka S. Khuje
Ms. Rinku V. Makode
Mr. Sameer R. Chawaldhal



Prof. V. K. Barbudde
Guide
EXTC Engg. Deptt


Prof. K. L. Thakare
Project Co-ordinator
EXTC Engg. Deptt.


Dr. A. D. Shelotkar
HOD
EXTC Engg. Deptt


Dr. H. M. Baradkar
Principal
J.C.E.T. Yavatmal




Dr. H. M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

Department of Electronics & Telecommunication Engineering

JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL



CERTIFICATE

This is to certify that the dissertation entitled "MICROCONTROLLER BASE HEART BEAT RATE MONITORING SYSTEM" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

Submitted by

Ms. Rasika A. Khobragade

Mr. Pavan B. Bawane

Ms. Kiran S. Meshram

Mr. Shrenik P. Mahajan

Ms. Sonika V. Pazare

Mr. Siddharth M. Nagrale

Prof. A. A. Chinchokar

Guide

EXTC Engg. Deptt.

25/05/17

Prof. K. L. Thakare
Project Coordinator
EXTC Engg. Deptt.

Dr. A. D. Shelotkar

HOD

EXTC Engg. Deptt.

Dr. H. M. Baradkar
Principal

J.C.O.E.T. Yavatmal.

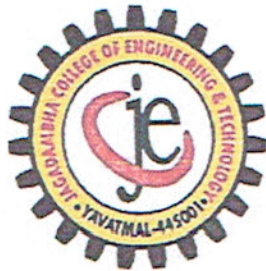
Dr. Hemant M. Baradka
Principal

Jagadamba College of Engineering
Technology Arni Road Kinhi Yavatmal



Department of Electronics & Telecommunication Engineering

JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL



CERTIFICATE

This is to certify that the dissertation entitled "AUTOMATIC STREET LIGHT CONTROL SYSTEM USING ZIGBEE" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

Submitted by

Mr. Amit M. Chavhan

Ms. Poonam A. Malkute

Ms. Rohini S. Sayam

Ms. Pranoti D. Jirkar

Ms. Sonali D. Kinake

Mr. Nayan S. Dhawle

Prof. P. R. Patil

Guide

EXTC Engg. Deptt.

Prof. K. L. Thakare

Project Coordinator

EXTC Engg. Deptt.

Dr. A. D. Shelotkar

HOD

EXTC Engg. Deptt.



Dr. H. M. Baradkar

Principal

J.C.O.E. Yavatmal

Dr. Hemant M. Baradkar
Principal

Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

Department of Electronics & Telecommunication Engineering
JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL



CERTIFICATE

This is to certify that the dissertation entitled "DETECTION OF LOCATION & MINIMIZING ERROR USING MOBILE ANCHOR IN WSNs" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

Prof. V. R. Thakare
Guide
EXTCEngg.Deptt

Prof. K.L. Thakare
Project Coordinator
EXTC Engg.Deptt.

Dr. A. D. Shelotkar
HOD
EXTC Engg.Deptt

Dr.H.M. Baradkar
Principal
J.C.O.E.P.Yavatmal

Dr.Hemant M. Baradka
Principal
Jagadamba College of Engineering &
Technology,Arni Road,Kinhi,Yavatmal

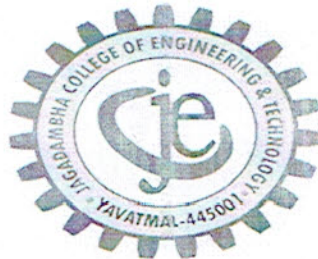


JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,

YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled "AN EXPERIMENTAL INVESTIGATION FOR PERORMANCE IMPROVEMENT IN PHOTOVOLTIC CELL USING DIFFERENT INCLINATION OF EMITTED PHOTON" has been successfully completed by KALPAK RAMAKANT BAHEKAR, KISHOR DATTATRAY ZALAKE, KU. SNEHA DNYANESHWAR MOJE, KU. BHAGYASHREE SHRIRAM MATE, RAKESH GANGAYYA MESAWAR, RUPESH RAMCHANDRA LAXATTIWAR, YOGESH GANESHRAO DEOTALE under the guidance of PROF. R. U. HEDAU in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadamba College of Engineering & Technology Yavatmal - 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. R. U. Hedau
Associate Professor
Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal
Jagadamba College of Engineering
& Technology, Yavatmal.
Dr. Hemant M. Baradkar
Principal

Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

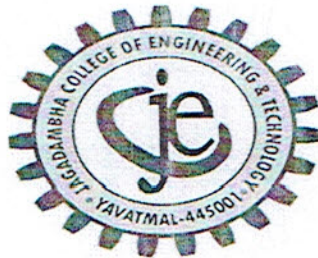


JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,

YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled "AN EXPERIMENTAL INVESTIGATION OF POLYCRYSTALLINE SOLAR SILICON CELL FOR PERFORMANCE IMPROVEMENT USING DIFFERENT SPECTRUM OF LIGHT" has been successfully completed by BALASAHEB BHUJANGRAO JADHAV, NARESH GAJANAN BHIMARTIWAR, VINOD CHANDRAKANT BODALE, UMESH BHAGAWAN CHOUDHARI, RAHUL NAMDEO MASALE under the guidance of PROF. V. R. PANNASE in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadamba College of Engineering & Technology Yavatmal - 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. V. R. Pannase
Assistant Professor

Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept
Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal

Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. Hemant M. Baradkar
Principal

Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal



JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING
SESSION 2016-2017



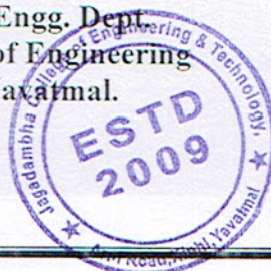
CERTIFICATE

This is to Certify that the project report entitled “**DESIGN AND FABRICATION OF SAND SCREENING MACHINE**” has been successfully completed by **ANAND GHANSHAM SHARMA, BADAL BABANRAO BOBADE, SAURABH SURENDRA JAYSWAL, JITENDRA MANOHAR PAYGHAN, LOCHAN PANDURANG THAK, ANUJ JAYANT SANGAWAR** under the guidance of **PROF. K. N. KALASPURKAR** in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at “Jagadambha College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. K. N. Kalaspurkar
Assistant Professor
Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadambha College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal
Jagadambha College of Engineering
& Technology, Yavatmal.



Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled "INTERNAL COMBUSTION ENGINE USING HYDROGEN CELL" has been successfully completed by AJAY ANANDRAO KODAG, CHAITANYA RAVINDRA WAKODE, AMIT ARUNRAO PATIL, AKSHAY PADMAKAR WANKHADDE, SURAJ RAMCHANDRA KHOBRA GADE, ANKUSH SHIVKANTHA KAWALE under the guidance of PROF. H. V. INGOLE in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadambha College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. H. V. Ingole
Assistant Professor

Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadambha College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal

Jagadambha College of Engineering
& Technology, Yavatmal,

Dr. Hemant M. Baradkar
Principal

Jagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal



JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING
SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled "FABRICATION OF ADVANCE MECHANICAL HARROW" has been successfully completed by VAIBHAV SURESH GOLHAR, RAHUL VIJAY RAUT, MANMOHAN DILIPRAO INGOLE, KU. PRAJAKTA DILIP BARADE, RAJESH UTTAM KALE, KU. PRANOTI VITTHALRAO SAWARKAR, PRATIK BHASKARAO TAYWADE under the guidance of PROF. P. R. NIMKAR in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadamba College of Engineering & Technology Yavatmal - 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. P. R. Nimkar
Assistant Professor

Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept
Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal
Jagadamba College of Engineering
& Technology, Yavatmal.



Jagadamba College of Engineering & Technology, Ami Road, Kinhi, Yavatmal.

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled “**DESIGN AND FABRICATION OF MOTORISED ROLLING SHUTTER**” has been successfully completed by **AKSHAY MADHAVRAO DAFALE, KU. RUTIKA NANDKISHOR BUTLEY, PASHANT RRAMRAO CHAVHAN, KU. POOJA PRAKASH DHARGAWE, KU. PAYAL PRAMOD NAWADE, ATUL KISAN WALEKAR** under the guidance of **PROF. T. V. SABNIS** in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at “Jagadamba College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. T. V. Sabnis
Assistant Professor

Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal
Jagadamba College of Engineering
& Technology, Yavatmal.
Dr. Hemant M. Baradkar
Principal

Jagadamba College of Engineering &
Technology Arni Road, Kinhi, Yavatmal



JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,

YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled "DESIGN AND DEVELOPMENT OF PROGRAMABLE PROFILE CREATING WORK STATION" has been successfully completed by GAURANG JAYANT PANDE, DINESH GVINDRAO NAKADE, NITIN HIRAMAN GULAHANE, AJIT ASHOK KALE, KETAN MAHADEO GAWANDE, KU. PRAGATI ARUNRAO RAIMAL, KU. DIPALI RAVINDRA DHAWALE under the guidance of PROF. P. V. BHENDARKAR in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadamba College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. P. V. Bhendarkar
Assistant Professor

Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal
Jagadamba College of Engineering
& Technology, Yavatmal.

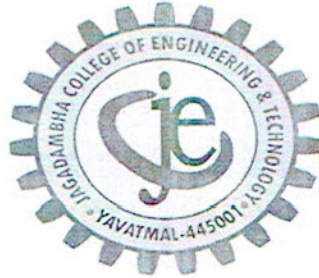


Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled “DESIGN AND FABRICATION OF COMBINED GEARLESS TRANSMISSION FOR DRILLING, CUTTING OPERATIONS” has been successfully completed by GOPAL RAJU RATHOD, SWAPNIL GOPALRAO BHATKAR, RUSHABH VIJAY GAIKWAD, SAGAR SURESH INGALE, ROHIT HARIBHAU RITHE, MAYUR GIRDHARRAO NIMBHALKAR, SAGAR DNYANESHWAR SAMBHE under the guidance of PROF. R. J. PARDHI in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at “Jagadambha College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. R. J. Pardhi
Assistant Professor
Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadambha College of Engineering
& Technology, Yavatmal

Dr. H. M. Baradkar
Principal
Jagadambha College of Engineering
& Technology, Yavatmal.

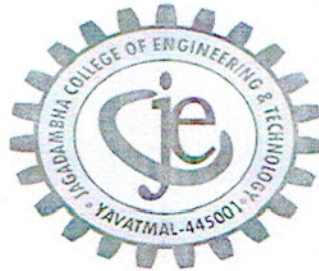


Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled “FABRICATION OF DOMESTIC MINI DAL MILL” has been successfully completed by RAMKRUSHNA MAHADEV DHENGAL, SAURABH BABARAO ASUTKAR, SUJAY SUBHASHRAO CHARMODE, SAMIR DAMODHARRAO MAHAJAN, SHUBHAM VINODRAO SAWARKAR, MANISH DILIP KHANDARE, PARESH SHRAVAN RATHOD under the guidance of PROF. M. A. PACHKAWDE in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at “Jagadambha College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. M. A. Pachkawde
Assistant Professor
Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadambha College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal
Jagadambha College of Engineering
& Technology, Yavatmal

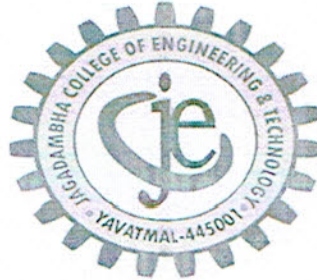


Dr. Hemraj M. Baradkar
Principal
Jagadambha College of Engineering &
Technology Amf Road, Kinhi, Yavatmal

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled “ROCKER BOGIE ROBOT” has been successfully completed by PRATIK SURESH GIRI, ATISH CHUNILAL RATHOD, GAJANAN DEVIDAS GURNULE, SHUBHAM SANTOSH DUDHE, AMAN SURESHRAO SHINGADE, DHALCHANDRA ANKUSHRAO DHOTE under the guidance of PROF. A. B. SAMARTH in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at “Jagadambha College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. A. B. Samarth
Assistant Professor

Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadambha College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal
Jagadambha College of Engineering
& Technology, Yavatmal.

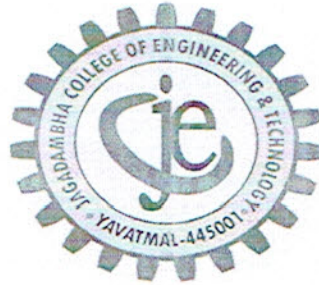
Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology Arni Road, Kinhi, Yavatmal



JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled "FABRICATION OF SELF OPERATED AGRICULTURAL PESTICIDES SPRAY PUMP" has been successfully completed by SACHIN ISHWAR UGE, ABHISHEK NIRAJ PANDE, RAJESH RAMESH JADHAO, SUMIT GAUTAM MUNESHWAR, NIKHIL VIJAYRAO PARATE, SHASHIKANT UTTAMRAO RANE, AKSHAY D. DESHMUKH under the guidance of PROF. A. B. DHUMNE in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadambha College of Engineering & Technology Yavatmal - 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. A. B. Dhumne
Assistant Professor
Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadambha College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal

Jagadambha College of Engineering
& Technology, Yavatmal.
Dr. Hemant M. Baradkar
Principal

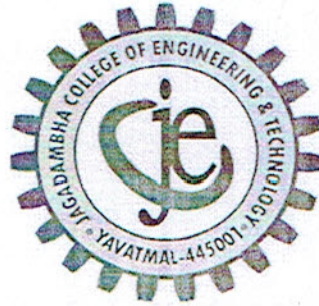
Jagadambha College of Engineering &
Technology, Amravati, Yavatmal



JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled "DESIGN AND FABRICATION OF CEMENT POLE CLIMBING MACHINE" has been successfully completed by VIVEKANAD BABANRAO MASKE, AJAY GANPAT RATHOD, WRUTWIK SUNILRAO KADAM, RITESH ARVIND WAWARE under the guidance of PROF. P. H. MESHRAM in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadamba College of Engineering & Technology Yavatmal - 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. P. H. Meshram
Assistant Professor
Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadamba College of Engineering
& Technology, Yavatmal

Dr. H. M. Baradkar
Principal
Jagadamba College of Engineering
& Technology, Yavatmal.
Dr. Hemant M. Baradkar
Principal

Jagadamba College of Engineering &
Technology, Amravati Road, Kinhi, Yavatmal
Dr. Hemant M. Baradkar
Principal

Jagadamba College of Engineering &
Technology, Amravati Road, Kinhi, Yavatmal

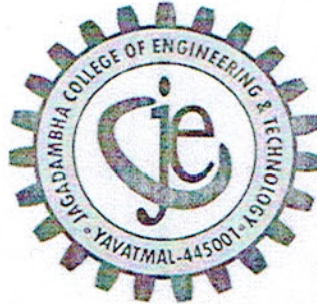


JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,

YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled "DESIGN AND FABRICATION OF HYBRID TRADEMILL BICYCLE FOR MATERIAL HANDLING" has been successfully completed by GAURAV C. KHODKE, ROSHAN DIPAKRAO DAMODARE, ANIKET JAYWANT SONONE, VIJAY NARENDRA PANCHBHAI under the guidance of PROF. P. S. BISKEY in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadamba College of Engineering & Technology Yavatmal - 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. P. S. Biskey
Assistant Professor

Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal

Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal



JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



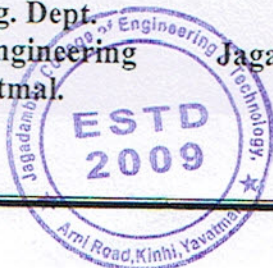
CERTIFICATE

This is to Certify that the project report entitled "MECHANISED AGRICULTURAL SPRAYING MACHINE" has been successfully completed by SAURABH SHUBHAM THAKARE, VIKAS ANNAJI UTANE, SANDESH BHASKARRAO KSHIRSAGAR, RAJAT GANESH TUNDALWAR under the guidance of PROF. P. H. MESHRAM in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadamba College of Engineering & Technology Yavatmal - 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. P. H. Meshram
Assistant Professor
Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal
Jagadamba College of Engineering
& Technology, Yavatmal.

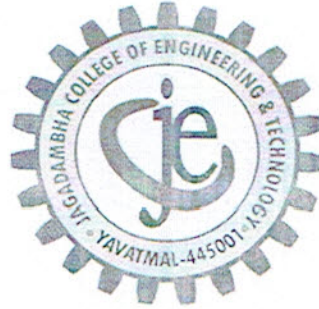


Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Amri Road, Kinhi, Yavatmal

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled “REFRIGERANT RECOVERY SYSTEM” has been successfully completed by SANDIP BABUSING CHAVHAN, SHUBHAM PRAVINRAO DUDDALWAR, TEJAS CHANDRASHEKHAR KUMBHALKAR, SHIVAM RAMESH INGOLE, VAIBHAV DILIPRAO KARHE, NINAD VIJAY KADU under the guidance of PROF. A. M. SHENDE in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at “Jagadamba College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. A. M. Shende
Assistant Professor

Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal

Jagadamba College of Engineering
& Technology, Yavatmal.
Dr. Hemant M. Baradkar
Principal

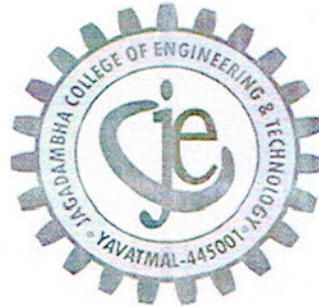
Jagadamba College of Engineering &
Technology Arni Road, Kinhi, Yavatmal



JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

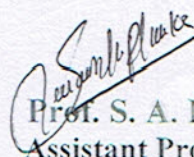
DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



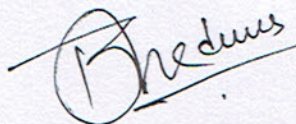
CERTIFICATE

This is to Certify that the project report entitled “PERFORMANCE EVALUATION OF ELECTRIC VEHICLE USING ENGINE AS POWER SOURCE” has been successfully completed by LAXMAN SHIVAJI SAWSUNDAR, ANUP SURESH BATKI, PRASAD NANDKISHOR PATIL, KANHIYA MADHUKAR KAWALE, PRANAV RAJENDRA GIRI, AJINKYA ANAND WANJARI under the guidance of PROF. S. A. DAHAKE in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at “Jagadambha College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)


Prof. S. A. Dahake

Assistant Professor

Department of Mechanical Engineering



Prof. R. U. Hedau

HOD, Mechanical Engg. Dept.

Jagadambha College of Engineering
& Technology, Yavatmal.



Dr. H. M. Baradkar
Principal

Jagadambha College of Engineering
& Technology, Yavatmal.


Principal

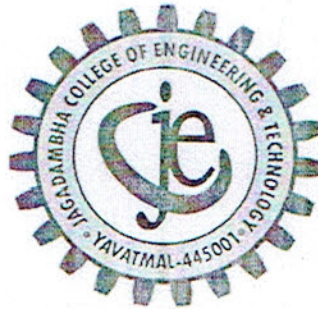
Jagadambha College of Engineering &
Technology, Amli Road, Kinhi, Yavatmal



JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

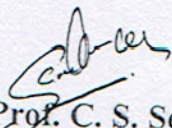
DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017

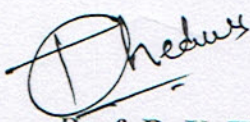



CERTIFICATE

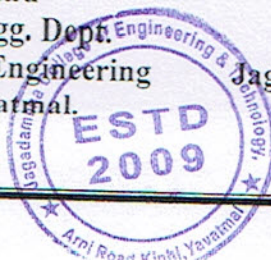
This is to Certify that the project report entitled "FABRICATION OF MANNUALY OPERATED METAL BENDING MACHINE" has been successfully completed by MANASVI ASHOKRAO GULHANE, VAIBHAV SUBHASHRAO AMBATKAR, SUSHIL ANIL KAHATE, RITESHKUMAR RAJU PARATE, HEMANT VIJAY GAWANDE, MAYUR DEVRAO MANGARE under the guidance of PROF. C. S. SETHIYA in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadambha College of Engineering & Technology Yavatmal - 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

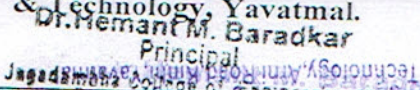

Prof. C. S. Sethiya
Assistant Professor

Department of Mechanical Engineering


Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadambha College of Engineering
& Technology, Yavatmal.


Dr. H. M. Baradkar
Principal
Jagadambha College of Engineering
& Technology, Yavatmal.




Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering & Technology, Yavatmal.

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled "FABRICATION OF FOOT OPERATED SPRAY PAINTING MACHINE" has been successfully completed by NILKANTHA MAHADEV THERE, RAMESHWAR BHUNESHWAR RATHOD, SHUBHAM MURLIDHAR SHINGOTE, SHRIKANT KESHAO KALE, AKSHAY PRAMODRAO DESHMUKH, AKSHAY ANIL DESHMUKH, SAINATH DASHRATH SHARLAWAR under the guidance of PROF. Y. P. WANKHADE in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadamba College of Engineering & Technology Yavatmal - 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. Y. P. Wankhade
Assistant Professor
Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. H. M. Baradkar
Principal
Jagadamba College of Engineering
& Technology, Yavatmal.



Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Amn Road, Kinhi, Yavatmal.

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled “DESIGN DEVELOPMENT AND PERFORMANCE EVALUATION OF A LIGHT WEIGHT MULTI PURPOSE AGRICULTURAL POWER TILLER” has been successfully completed by ROHIT SURESHRAO DHAVANE, AKSHAY VIJAY RATHOD, SURAJ PRAKASH DIGHADE, SHUBHAM DINKAR LAHANE, PIYUSH GOPALRAO BAWANE, NITIN HUMBE under the guidance of PROF. P. H. RATHOD in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at “Jagadambha College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. P. H. Rathod
Assistant Professor
Department of Mechanical Engineering

Prof. R. U. Hedau
HOD, Mechanical Engg. Dept.
Jagadambha College of Engineering
& Technology, Yavatmal

Dr. H. M. Baradkar
Principal
Jagadambha College of Engineering
& Technology, Yavatmal,
Dr. Hemant M. Baradkar
Principal



Jagadambha College of Engineering & Technology Arni Road, Kinkhi, Yavatmal

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,

YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled "A WORKING MODEL OF MUDD GRABUP MACHINE FROM WELL BY BUCKET CONVEYOR (MUDD DIGGER)" has been successfully completed by LALIT HIRAMAN BHURE, SHEIKH ATIQUE RAFIQUE, SHUBHAM ASHOKRAO PARISE, SUMIT SHRIRAM RATHOD, NARAYAN MAHADEO NIKAM under the guidance of PROF. S. A. AJMIRE in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at "Jagadambha College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

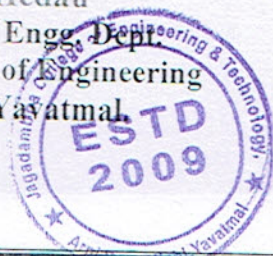
Prof. S. A. Ajmire

Assistant Professor

Department of Mechanical Engineering

Prof. R. U. Hedau

HOD, Mechanical Engg. Dept.
Jagadambha College of Engineering
& Technology, Yavatmal.



Dr. H. M. Baradkar
Principal

Jagadambha College of Engineering
& Technology, Yavatmal.

Dr. Hemant M. Baradkar
Principal

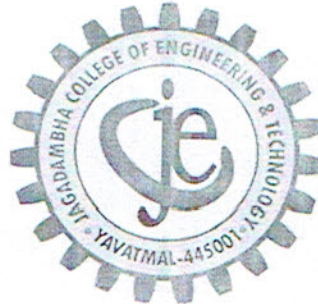
Jagadambha College of Engineering &
Technology Arni Road, Kihni Yavatmal.

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,

YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION 2016-2017



CERTIFICATE

This is to Certify that the project report entitled “DESIGN AND FABRICATION OF FOUR WAY HACKSAW MACHINE” has, been successfully completed by SANKET KAILASRAO SHIRBHATE, RAKESH RATAN RAUT, ARVIND RAMESH CHAVHAN, SHUBHAM KISANRAO PALWE, SWAPNIL THAKARE, PRASAD B. CHAUDHARI, PRAKASH R. THORAT under the guidance of PROF. R. R. MISHRA in recognition to the partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering at “Jagadamba College of Engineering & Technology Yavatmal – 445001. (An institution affiliated to Sant Gadge Baba Amravati University, Amravati)

Prof. R. R. Mishra

Assistant Professor

Department of Mechanical Engineering

Prof. R. U. Hedau

HOD, Mechanical Engg. Dept.
Jagadamba College of Engineering
& Technology, Yavatmal



Dr. H. M. Baradkar

Principal

Jagadamba College of Engineering
& Technology, Yavatmal.

Dr. Hemant M. Baradkar
Principal

Jagadamba College of Engineering &
Technology Arni Road, Kinkhi, Yavatmal

CERTIFICATE

This is to certify that the Project Entitled

“SEISMIC ANALYSIS AND DESIGN OF WATER TANK”

has been successfully completed by

ASHWINI P. MOON

KRANTI K. KHARTADE

AKASH N. CHAVHAN

KALYANI B. BEHARE

PIYUSH D. GORE

MONALI C. CHAVHAN

SURAJ V. PANAJWAR

PUNAM S. KOTTAWAR

AKSHAY GHUGE

In partial fulfillment for the degree of

**Bachelor of Engineering
(Civil Engineering)**

Awarded by


Sant Gadge Baba Amravati University, Amravati, (M. S)


During academic year 2016-2017 under my guidance

Guided by


Prof R.M. KHOBRAKADE

**Assistant Prof. (Civil Department)
Jagadambha College of Engineering and Technology
Yavatmal**


Prof. A.R. Rode
Head of Civil Department
Jagadambha College of Engineering And
Technology,
Yavatmal.


Dr. H.M. Baradkar
Principal
Jagadambha College of Engineering And
Technology,
Yavatmal



Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Amravati Road, Kinhi, Yavatmal

CERTIFICATE

This is to certify that the Project Entitled

"COMPARATIVE STUDY OF CIRCULAR AND SQUARE WATER TANK BY USING LSM"

Has been successfully completed by

MR. HARDIK RATHOD

MR. KAUSHAL CHOUKSEY

MR. PRASHIK BORKAR

MR. SHUBHAM CHOUDHARY

MR. ANKIT NAWALE

MISS. URVASHI JAWADEKAR

MR. SAGAR SHAH

MISS. APURVA MESHAM

In partial fulfillment for the degree of

Bachelor of Engineering
(Civil Engineering)

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2016-2017



Neeta K. Meshram
Guided by

Asst. Prof. Neeta K. Meshram

A.R. Rode
4/5/17
Prof. A.R. Rode

H.O.D



H.M. Baradkar
Dr. H.M. Baradkar

Principal

H.M. Baradkar
Principal
Jagadamba College of Engineering & Technology, Amravati Road, Kinhi, Yavatmal

CERTIFICATE

This is to certify that the Project Entitled

**“COMPARITIVE STUDY AND DESIGN OF RCC AND PRESTRESS
CONCRETE BRIDGE GIRDER WITH (COMPUTER
PROGRAMMING) MS. EXCEL SHEET”**

Has been successfully completed by

SHITAL V. RATHOD

PAVAN J. DAHANE

SANKALP S. DANGORE

MAYUR G. GOSAVI

SHANTANU R. BAJAD

VAISHNAVI S. AGRAWAL

SHUBHAM D. BARDE

UTKARSHA C. UJAWANE

CHETAN A. MATARMARE

In partial fulfillment for the degree of

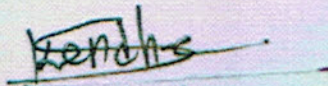
**Bachelor of Engineering
(Civil Engineering)**

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2016-2017 under my guidance

Guided by



Prof S.S. KENDHE


Assistant Prof. (Civil Department)

**Jagadambha College of Engineering and Technology
Yavatmal**



Prof. A.R. Kode

**Head of Civil Department
Jagadambha College of Engineering And
Technology,
Yavatmal.**



Dr. H.M. Baradkar

**Principal
Jagadambha College of Engineering And
Technology,
Yavatmal.**

**Dr. Hemant M. Baradkar
Principal**

**Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal**

CERTIFICATE

This is to certify that the Project Entitled

“EXPERIMENTAL STUDY ON UTILIZATION OF e-WASTE IN CEMENT CONCRETE”

has been successfully completed by

VIVEK A. PIMPOLE

PRABUDDHA K. RAMTEKE

SNEHA S. NAGRALE

AKASH D. ATHAWALE

SAGAR N. KASHYAP

SWAPNIL R. GHANKAR

SUBODH A. GUJAR

ASHISH R. WANKHADE

ANKUSH A. TUPSUNDARE

In partial fulfillment for the degree of

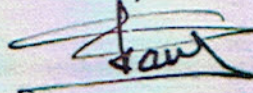
**Bachelor of Engineering
(Civil Engineering)**

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

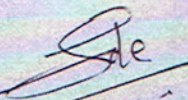
During academic year 2016-2017 under my guidance

Guided by



Prof. S. R. Raut

**Assistant Prof. (Civil Department)
Jagadambha College of Engineering and Technology
Yavatmal**



**Prof. A. R. Rode
Head of Civil Department
Jagadambha College of Engineering
and Technology,
Yavatmal.**



**Dr. H. M. Baradkar
Principal**

**Jagadambha College of Engineering
and Technology,
Yavatmal**

**Dr. H. M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal**

CERTIFICATE

This is to certify that the Project Entitled

"SELF SUSTAINING STRUCTURES"

(ENERGY EFFICIENT HOMES)

has been successfully completed by

HARSHAL B. DOSHI

TUSHAR R. GAWANDE

PIYUSH A. WASU

SONALI A. DEHANKAR

MEGHANA V. LOKHANDE

AMIT K. POGADE

SAURABH S. KADAM

MD. IKHLAS REHMAN

RONIT H. GULHANE

In partial fulfillment for the degree of

Bachelor of Engineering
(Civil Engineering)

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2016-2017 under my guidance

Guided by



Prof V. R. Bankar

Assistant Prof.
(Civil Department)



Prof. A. R. Rode
Head of Civil Department
Jagadambha College of Engineering And
Technology, Yavatmal



Dr. H. M. Baradkar
Principal
Jagadambha College of Engineering And
Technology, Yavatmal

CERTIFICATE

This is to certify that the Project Entitled

“Use of industrial waste materials in highway construction”

Has been successfully completed by

Vishwajit R. Jaiswal

Apeksha A.Jawade

Harish K.Ingale

Gajanan V.Awadhutkar

Punam R.Marakwar

Dinesh D. Khunkar

Samiksha V.Rathod

Yogesh A. Madne

Abhijit Bramhankar

In partial fulfillment for the degree of

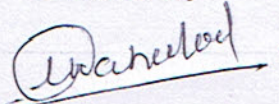
**Bachelor of Engineering in
Civil Engineering**

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2016-2017 under my guidance

Guided by



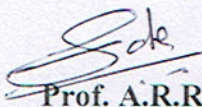
Prof. Anurag K. Gahlod

Assistant Professor

(Civil Engineering Department)

Jagadambha College of Engineering & Technology

Yavatmal.



Prof. A.R.Rode

Head of Civil Department

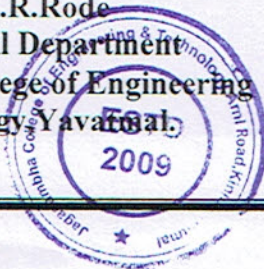
**Jagadambha College of Engineering
& Technology, Yavatmal.**



Dr. H.M. Baradkar

Principal

**Jagadambha College of Engineering
& Technology, Yavatmal.**



Principal
**Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal**

CERTIFICATE

This is to certify that the Project Entitled

**“COMPARATIVE ANALYSIS OF LATERAL LOAD
RESISTING SYSTEM FOR RCC STRUCTURE”**

has been successfully completed by

BHAVINI V. UKEY

SHUBHAM P. DHOKE SHUBHAM S. NAKSHANE
SHUBHAM S. HANDE TRUPTI A. MANKAR
GUNJ D. RATHOD SONALI B. MUNDE
KUNAL R. JAWADE TUSHAR R. WAGH

In partial fulfillment for the degree of

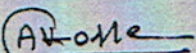
**Bachelor of Engineering
(Civil Engineering)**

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

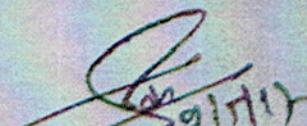
During academic year 2016-2017 under my guidance

Guided by


815117

Prof. A. V. GORLE

**Department of Civil Engineering
Jagadambha College of Engineering and Technology
Yavatmal**


Prof. A. R. Rode

**Head of Civil Department
Jagadambha College of Engineering and
Technology,
Yavatmal.**





**Dr. H. M. Baradkar
Principal**

**Jagadambha College of Engineering and
Technology,
Yavatmal.**

**Jr. Hemant M. Baradkar
Principal**

**Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal**

CERTIFICATE

This is to certify that the Project Entitled

**“ENERGY SIMULATION OF RESIDENTIAL BUILDING USING
BIM”**

Has been successfully completed by

SAMEER A. DESHMUKH (L)

PRIYANKA A. SHIRE

PRIYA R. CHINCHMALATPURE

SHRADHA R. RAMGIRWAR

VIKRAM A. GADGE

TRUPTI D. GORE

AASIF S. ALI

NACHIKET S. LONDHEKAR

In partial fulfillment for the degree of

**Bachelor of Engineering.
(Civil Engineering)**

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2016-2017 under my guidance

Guided by



Prof. Mahesh R. Nalamwar

Assistant Prof. (Civil Department)
Jagadambha College of Engineering and Technology
Yavatmal



Prof. A. R. RODE
Head of Civil Department
Jagadambha College of Engineering and
Technology Yavatmal



Dr. H. M. BARADKAR
Principal

Jagadambha College of Engineering and
Technology Yavatmal

Dr. Hemant M. Baradkar
Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

CERTIFICATE

This is to certify that the Project Entitled

**“ANAEROBIC DIGESTION OF COW DUNG SLURRY FOR
GENERATION OF BIOGAS”**

has been successfully completed by

VAIBHAV D. CHIPADE (L)

RAJANI S. FUNDE

PAVAN M. CHAVHAN

ANKITA A. PALATKAR

SHUBHAM V. JAISWAL

VAIBHAV A. MANDULKAR

MILIND R. RANGARI

KIRAN V. BHAGAT

In partial fulfillment for the degree of

**Bachelor of Engineering
(Civil Engineering)**

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2016-2017 under my guidance

Guided by



Prof. A. R. Rode

Head of Civil Department
Jagadambha College of Engineering and Technology
Yavatmal



Prof. A. R. Rode

Head of Civil Department
Jagadambha College Of Engineering And
Technology
Yavatmal




Dr. H. M. Baradkar

Principal
Jagadambha College Of Engineering And
Technology
Yavatmal


Principal
Jagadambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

CERTIFICATE

This is to certify that the Project Entitled

"ANALYSIS OF RCC BUILDING WITH AND WITHOUT SHEAR WALL"

Has been successfully completed by

PAWAN R. MIRZAPURE

VAIBHAV R. WADERA

SHWETA D. TAGALPALLEWAR

ASHTAMANAND R. TELRANDHE

SHUBHAM N. KALE

ANURADHA S. AMBADKAR

MOHINI M. NAGRALE

SHUBHAM D. RATHOD

AKASH A. LOKHANDE

In partial fulfilment for the degree of

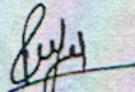
Bachelor of Engineering

(Civil Engineering)

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

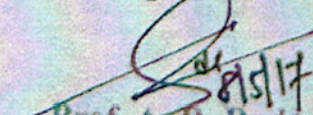
During academic year 2016-2017 under my guidance




Guided by

PROF. P. K. PARDAKHE

Jagdambha College of Engineering And Technology, Yavatmal


Prof. A. R. Rode
Head of Civil Department
Jagdambha College of
Engineering And Technology, Yavatmal




Dr. H. M. Baradkar
Principal
Jagdambha College of Engineering And
Technology, Yavatmal

Dr. Hemant M. Baradkar
Principal
Jagdambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

CERTIFICATE

This is to certify that the Project Entitled

**“EXPERIMENTA INVESTIGATION FOR
STABILIZATION OF BLACK COTTON SOIL BY
USING WASTE MATERIAL – BRICK DUST”**

Has been successfully completed by

Shrikant M. Tumdam

Sakiurraheman J. Patel

Robini S. Dighade

Gaurav D. Panchbudhe

Pallavi A. Kopulwar

Mohan D. Bachalkar

Harshal A. Tekade

Nitin B. Dhadve

Ravikant Bharti

In partial fulfillment for the degree of

**Bachelor of Engineering
(Civil Engineering)**

Awarded By

Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2016-2017 under my guidance

Guided By

Prof. P. V. Ban

**Prof. A. R. Rode
HOD**

Civil Engineering Department



**Dr. H. M. Baradkar
Principal**

**Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Amni Road, Kinhi, Yavatmal**

CERTIFICATE

This is to certify that the Project Entitled
**"CRITICAL ANALYSIS OF RURAL WATER SUPPLY AND
INCLUDING LOW COST TREATMENT"**
Has been successfully completed by

KALYANI V. SONKUSARE (L)

SHUBHAMI THAWKAR

SWATI M. CHAUDHARI

SATYAM V. RAULKAR

AARTI A. KHADSE

TEJAS N. KOTHARI

PAYAL P. KOTHARI

SUBHASH S. BHURE

ASHWINI P. MANDAWAR

In partial fulfillment for the degree of

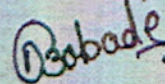
**Bachelor of Engineering
(Civil Engineering)**

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

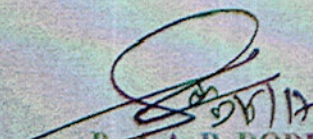
During academic year 2016-2017 under my guidance

Guided by




Prof A. P. BOBADE

Assistant Prof. (Civil Department)
Jagadambha College of Engineering and Technology
Yavatmal



Prof. A. R. RODE
Head of Civil Department
Jagadambha College of Engineering and
Technology Yavatmal



Dr. H. M. BARADKAR
Principal
Jagadambha College of Engineering and
Technology Yavatmal

Dr. H. M. Baradkar
Principal
Jagadambha College of Engineering and
Technology Yavatmal

CERTIFICATE

This is to certify that the Project Entitled

**“COMPARATIVE STUDY OF DIFFERENT TRUSS SHAPE ON THE
DESIGN OF PLANE TRUSS BY USING ANGLE SECTION”**

has been successfully completed by

Akash R. Chavhan

Faheem A. Khan

Madhuri S. Ghodke

Ashwini V. Kaikade

Akash G. Shelare

Shubham D. Gatlwar

Sumit H. Meshram

Shreyas P. Bhojar

In partial fulfillment for the degree of

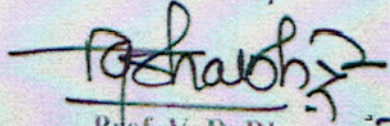
**Bachelor of Engineering
(Civil Engineering)**

Awarded by


Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2016-2017 under my guidance

Guided by




Prof. V. D. Dhore
Asst. Professor



Prof. A. R. Rode

**Head of Civil Department
Jagadamba College Of Engineering And
Technology, Yavatmal**



Dr. H. M. Baradkar
Principal

**Jagadamba College Of Engineering And
Technology, Yavatmal**

Dr. Hemant M. Baradkar
Principal

**Jagadamba College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal**

CERTIFICATE

This is to certify that the Project Entitled

**“DESIGN AND ANALYSIS OF WATER DISTRIBUTION SYSTEM
USING EPANET”**

has been successfully completed by

SALONI S. MADAMWAR (L)

AAYUSHI R. BADWAIK

SHUBHAM B. BHARSHANKAR

AKASH K. PANDIT

AVINASH S. SHIVANKAR

ASHISH H. KHARAT

RUPAM D. GAWANDE

SHUBHAM S. NANNAWARE

In partial fulfillment for the degree of

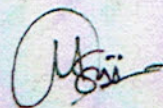
**Bachelor of Engineering
(Civil Engineering)**

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2016-2017 under my guidance

Guided by



M. S. Giri

**Asst. Prof. Civil Engg. Department
Jagadambha College of Engineering and Technology
Yavatmal**



Prof. A. R. Rode

**Head of Civil Department
Jagadambha College of Engineering and
Technology
Yavatmal**



Dr. H. M. Baradkar

**Principal
Jagadambha College of Engineering and
Technology
Yavatmal**

**Jr. Hemant S. ...
Principal**

**Jagadambha College of Engineering &
Technology, Arni Road, Khamgaon**

CERTIFICATE

This is to certify that the Project Entitled

**“EXPERIMENTAL STUDY ON PREPARATION OF
LIGHT WEIGHT CONCRETE BY USING
ALUMINIUM POWDER AS AN AIR ENTRAINING
AGENT”**

Has been successfully completed by

VIKRAM M. ADE

AKASH D. BUTLE

SHUBHAM S. WATILE

PANDURANG M. PAWAR

ANKUSH P. KATARKAR

ISHVARI M. YERAWAR

ROHIT B. BURHANPURE

In partial fulfilment for the degree of
**Bachelor of Engineering
(Civil Engineering)**

Awarded by

Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2016-2017 under my guidance

Guided by

N. V. Gadhekar
Prof N. V. Gadhekar

Jagdambha College of Engineering And Technology, Yavatmal

A. R. Rode
12/15/2017
Prof. A. R. Rode
Head of Civil Department
Jagdambha College of
Engineering And Technology, Yavatmal

H. M. Baradkar
Dr. H. M. Baradkar
Principal
Jagdambha College of Engineering And
Technology, Yavatmal



Principal
Jagdambha College of Engineering &
Technology, Arni Road, Kinhi, Yavatmal

Certificate

This is to certify that the dissertation entitled "**BLUETOOTH AIDED SAFETY BAND FOR WOMEN USING SMARTPHONE**" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

Submitted by

Ms. Seema P. Kasare

Mr. Roshan D. Sulabhewar

Ms. Gauri R. Chopade

Ms. Ruchika A. Durge

Ms. Laxmi A. Godbole

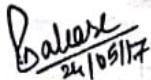
Ms. Rina S. Chandore



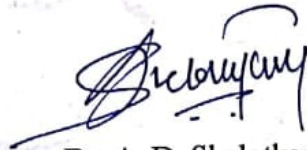
Prof. R. M. Shah

Guide

EXTC Engg.Deptt



Prof. K. L. Thakare
Project Co-ordinator
EXTC Engg.Deptt



Dr. A. D. Shelotkar
HOD
EXTC Engg.Deptt



Dr. H. M. Baradkar
Principal
J.C.O.E.T Yavatmal

Certificate

This is to certify that the dissertation entitled "**OBJECT IDENTIFICATION FOR BLIND PEOPLE USING IMAGE PROCESSING**" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

Submitted by

Ms. Rajashri A. Urkutkar

Mr. Nakul V. Penore

Ms. Vaibhavi D. Raut

Ms. Vidya G. Kularkar

Ms. Rani S. Bhabutkar

Ms. Neha S. Bhedurkar



Prof. A. R. Dudhe

Guide

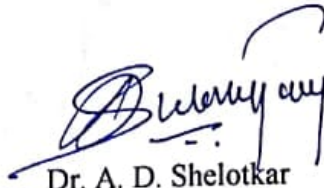
EXTC Engg. Deptt



Prof. K. L. Thakare

Project Co-ordinator

EXTC Engg. Deptt.



Dr. A. D. Shelotkar

HOD

EXTC Engg. Deptt



Dr. H. M. Baradkar

Principal

J.C.E.T Yavatmal

Department of Electronics & Telecommunication Engineering
JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL



CERTIFICATE

This is to certify that the dissertation entitled “**DETECTION OF LOCATION & MINIMIZING ERROR USING MOBILE ANCHOR IN WSNs**” is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

Prof. V. R. Thakare

Guide

EXTCEngg.Deptt

Prof. K.L. Thakare

Project Coordinator

EXTC Engg.Deptt.

Dr. A. D. Shelotkar

HOD

EXTC Engg.Deptt

Dr.H.M. Baradkar

Principal

J.C.O.E.T Yavatmal

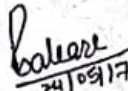
Department of Electronics & Telecommunication Engineering

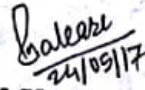
**JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL**

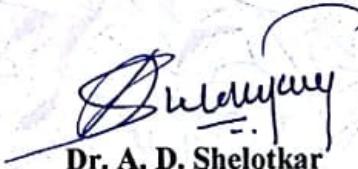



CERTIFICATE

This is to certify that the dissertation entitled **“MESSAGE AUTHENTICATION AND SOURCE PRIVACY USING HOP BY HOP IN WIRELESS SENSOR NETWORK”** is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.


Prof. K. L. Thakare
Guide
EXTC Engg. Deptt


Prof. K. L. Thakare
Project Coordinator
EXTC Engg. Deptt.


Dr. A. D. Shelotkar
HOD
EXTC Engg. Deptt


Dr. H. M. Baradkar
Principal
J.C.O.E.T Yavatmal

Department of Electronics & Telecommunication Engineering

B.E (Electronics & Telecommunication)

**JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL**



CERTIFICATE

This is to certify that the dissertation entitled **“DESIGN AND IMPLEMENTATION OF BUTTERWORTH FILTER FOR NOISE DETECTION IN SPEECH SIGNAL”** is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelors of Engineering in Electronics & Telecommunication.

Submitted by

Ms. Vijaya K. Pise

Ms. Devyani D. Dhote

Ms. Priya J. Agarkar

Ms. Priyanka S. Khuje


Ms. Rinku V. Makode

Mr. Sameer R. Chawaldhal


Prof. V.K. Barbuddhe

Guide

EXTC Engg.Deptt


Prof. K. L. Thakare

Project Co-ordinator

EXTC Engg. Deptt.


Dr. A. D. Shelotkar

HOD

EXTC Engg.Deptt


Dr. H. M. Baradkar

Principal

J.C.E.T Yavatmal

Department of Electronics & Telecommunication Engineering

**JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL**



CERTIFICATE

This is to certify that the dissertation entitled “**MICROCONTROLLER BASE HEART BEAT RATE MONITORING SYSTEM**” is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

Submitted by

Ms. Rasika A. Khobragade

Mr. Pavan B. Bawane

Ms. Kiran S. Meshram

Mr. Shrenik P. Mahajan

Ms. Sonika V. Pazare

Mr. Siddharth M. Nagrale

Prof. A. A. Chinchokar

Guide

EXTC Engg. Deptt.

Prof. K. L. Thakare

Project Coordinator

EXTC Engg. Deptt.

Dr. A. D. Shelotkar

HOD

EXTC Engg. Deptt.

Dr. H. M. Baradkar

Principal

J.C.O.E.T Yavatmal.

Department of Electronics & Telecommunication Engineering

**JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL**



CERTIFICATE

This is to certify that the dissertation entitled “**AUTOMATIC STREET LIGHT CONTROL SYSTEM USING ZIGBEE**” is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

Submitted by

Mr. Amit M. Chavhan

Ms. Poonam A. Malkute

Ms. Rohini S. Sayam

Ms. Pranoti D. Jirkar

Ms. Sonali D. Kinake

Mr. Nayan S. Dhawle

Prof. P. R. Patil

Guide

EXTC Engg. Deptt.

Prof. K. L. Thakare

Project Coordinator

EXTC Engg. Deptt.

Dr. A. D. Shelotkar

HOD

EXTC Engg. Deptt.

Dr. H. M. Baradkar

Principal

J.C.O.E.T Yavatmal