



CERTIFICATE

This is to certify that the Project Report entitled
**"AUTOMATIC DISCONNECTION OF ENERGY METER
USING GSM AND MICROCONTROLLER"**

Submitted by

Mr. Akshay P. Jari


Ms. Neha S. Kale

Mr. Rahul G. Thawari


Ms. Pranjali S. Raut

Ms. Nishigandha A. Gode

Is 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 2017-2018.


Prof. Ekeshwari A. Rangari

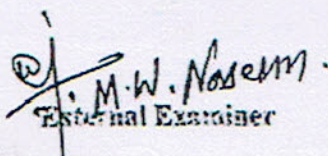
(Project Guide)


Prof. Dr. V.G. Neve

(Head of Department)


Dr. H. M. Baradkar

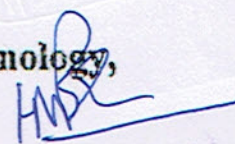
(Principal)

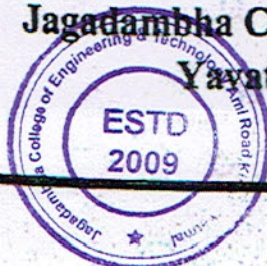

Dr. J. M. W. Noseem

External Examiner

Department of Electrical Engineering
Jagadamba College of Engineering & Technology,
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(2017-18)


Dr. Hemant M. Baradkar
Principal



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CERTIFICATE

This is to certify that the project Report entitled

“TRANSMISSION LINE FAULT DETECTION AND CLASSIFICATION BY USING DESCRETE WAVELEATE TRANSFORM (DWT)”

Submitted by

Ms. Pallavi R. Naware


Ms. Nikita D. Tandekar

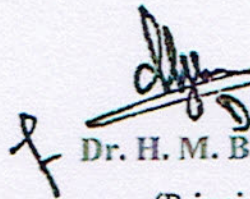
Ms. Abhiruchi R. Vaidya


Mr. Khushal M. Jadhao

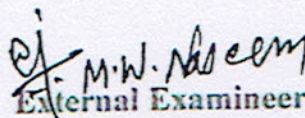
Mr. Gajanan V. Badame


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 2017-2018.


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


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CERTIFICATE

This is to certify that the project Report entitled

**“Transformer Parameter Monitoring And Alerting System
By Using GSM”**

Submitted by

Ms. Sunita N. Mahale


Ms. Kalyani D. Lakade

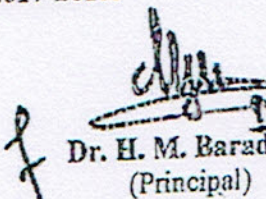
Mr. Sumedh M. Nagrale

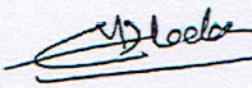
Ms. Ankita R. Waghmare

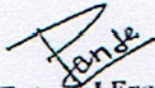
Mr. Sudeep S. Sambhare

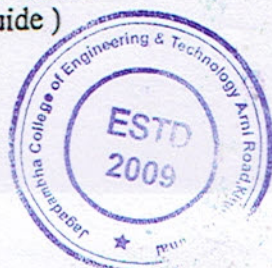
In a partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical Engineering of Sant Gadge Baba Amravati University, Amravati and is bonafide work carried out and completed under my guidance and supervision during the session 2017-2018.



Prof. Dr. V. G. Neve
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Dr. H. M. Baradkar 23/08/18
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DEPARTMENT OF ELECTRICAL ENGINEERING
JAGADAMBHA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL (2017-18)



CERTIFICATE

This is to certify that the project report entitled
"IOT BASED IRRIGATION SYSTEM BY
USING SOLAR PANEL "

Submitted by

MS. Payal D. Harshe

MS. Shreya A. Ghawade

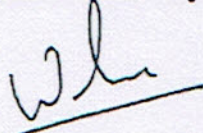
MR. Abhishek S. Hinge

MS. Keteshwari R. Jawalkar


MR. Sumit P. Kumbalwar

MR. Ashish R. Girnare


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 2017-2018.


Prof. P.S. Wankhade


(Project guide)


Dr. H.M. Baradkar

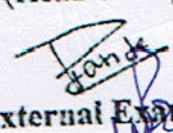
(Principal)


28/05/18




Prof. Dr. V.G. Neve

(Head of Department)


External Examiner

Dr. Hemant M. Baradkar
Principal

Jagadamba College of Engineering &
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CERTIFICATE

This is to certify that the project Report entitled
VOICE RECOGNITION BASED WHEELCHAIR

Submitted by
MISS. JYOTI R. VYAVHARE

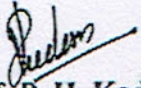
MISS. SONI S. DOIFODE


MISS. PUNAM V. DAMBHARE


MR. ASHISH P. THAKARE

MR. SANDESH D. WANKHEDE

is 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
2017-2018.


Prof. P. H. Kadam
Project Guide


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A
Project Report
On

**“AUTOMATED GREEN HOUSE SYSTEM WITH GSM
MODULE”**

Submitted to
Sant Gadge Baba Amravati University Amravati
In partial Fulfillment of the Requirement
For the Degree of
Bachelor of Engineering
In
Electrical Engineering

Submitted by

Mr. Abhijeet D. Bhagat

Mr. Abhijeet N. Bhende

Mr. Abhilash C. Korde

Mr. Kunal Thakhre

Miss. Nutan Rathod

Under the esteemed guidance of

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(2017-18)



Dr. Hemant M. Baradkar
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Technology, Yavatmal



CERTIFICATE


This is to certify that the project Report entitled
“REAL-TIME POWER QUALITY SIGNAL ON
MONITORING SYSTEM”

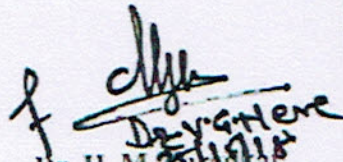
Submitted by

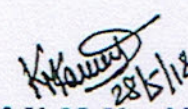
Priyanka B. Rathod
Arati S. Satpute
Ruchi B. Karekar

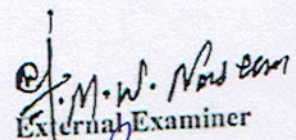
Prathmesh R. Barhanpure
Ajay M. Landge
Rahul R. Pachade

Of final year B.E. during the academic year 2017-2018 is for the partial fulfillment for requirements of the award of degree of Bachelor of Engineering in Electrical Engineering under Sant Gadge Baba Amravati University, Amravati.

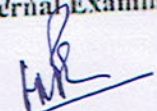

Prof. Dr. V.G. Neve
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Dr. H. M. Subhadkar
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Prof. K. M. Kamble
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CERTIFICATE

This is to certify that the project Report entitled
“Transformerless Grid Connected PV System”

Submitted by

Mr. Sumit P. Kottawar


Mr. Shubham L. Lakhadive

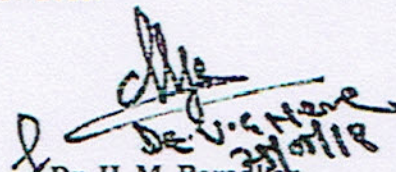
Mr. Lakhan S. Jadhao

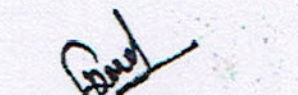
Mr. Sagar P. Kubde

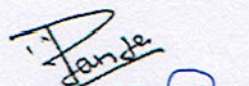
Ms. Reshma Take


In a partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in Electrical Engineering of SantGadge Baba Amravati University, Amravati and is bonafide work carried out and completed under my guidance and supervision during the session 2017-2018.


Prof. Dr. V. G. Neve
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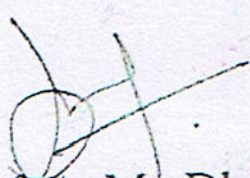
Certificate

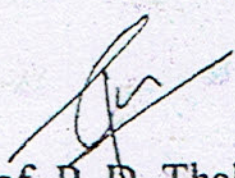
Certified that this B.E. Seminar Report titled
"e-Does Wallet with sms Notifier"

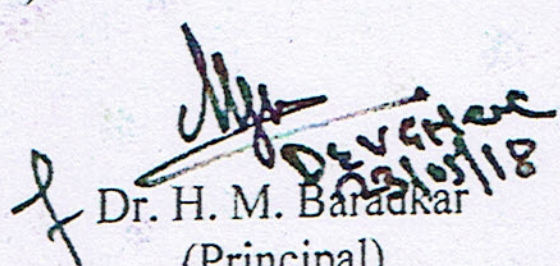
By

Mr. Vaibhav J. Wadate(GL) Mr. Tushar D. Khadase
Mr. Utkarsh S. Bele Miss. Pallavi V. Rudey

of final year (B.E) during the academic year 2017-2018 is for the partial fulfillment for requirement of the award of the degree of Bachelor of Engineering in Computer Engineering under Sant Gadge Baba Amravati University, Amravati.



Prof. A. M. Dhore
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Session 2017-2018


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Certificate

Certified that this B.E. Seminar Report titled

"Home Automation over IOT using Android"

By

Mr. Ashish R. Joshi(GL)


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Miss. Gayatri J. Bhagwani


Mr. Palash U. Poddar

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Session 2017-2018


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Certificate

Certified that this B.E. Project Report titled
**Attendance System Using Real Time Fingerprint
Scanner and IOT Application**

By

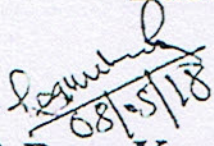
Miss. Rashmi S. Thakre

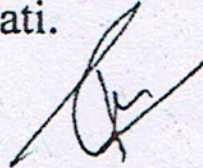
Miss. Tejasvini S. Kalpande


Miss. Anjali P. Sahare

Miss. Sneha V. Bhoyar

of final year (B.E) during the academic year 2017-2018 is for the
partial fulfillment for requirement of the award of the degree of
Bachelor of Engineering in Computer Engineering under Sant Gadge
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Session 2017-2018


Dr. Hemant M. Baradkar
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CERTIFICATE

This is certify that the dissertation entitled

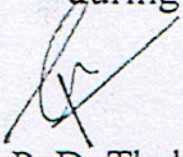
Performance Enhancement of Web Services Using Tagged-Sub Optimal Code (TSC) Compression

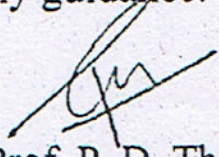
Is a bonafied work and it is submitted to the Sant Gagde baba
Amravati University, Amravati.


By

Ms. Aakansha R. Shukla

In the partial fulfillment of the requirement for the degree of
Master of Engineering in Computer science and Engineering
during the academic year 2017-2018 under my guidance.


Prof. P. D. Thakare
(Guide)



Prof. P. D. Thakare
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Department Of Computer Science & Engineering
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Session 2017-2018


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JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL



CERTIFICATE

This is to certify that the dissertation entitled "DEVELOPMENT OF SMART STICK FOR BLIND PEOPLE USING GPS AND GSM MODULE WITHOUT ANY HUMAN ASSISTANCE" 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

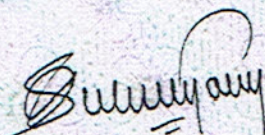
MISS. PRIYANKA G. KHADE

MISS. PRIYA V. WANJARI

MR. NILESH D. JAWADE


MR. GAJANAN R. KAILUKE

MISS. SONALI B. CHAUDHARI



Dr. A. D. Shelotkar

Project Guide

Associate professor & Head of
EXTC Engineering Department


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HOD
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J.C.E.T Yavatmal


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CERTIFICATE

This is to certify that the seminar Entitled
**"AUTOMIZATION OF IRRIGATED LAND FOR INDIAN
SOCIETY ON REAL TIME BASIS"**

Has been successfully completed by

MISS. PAYAL S. NEET

MISS. PAYAL D. WABHITKAR

MISS. AKANKSHA G. RAUT

MISS. ANJALI R. NANDURKAR

In partial fulfillment for the degree of

**Bachelor of Engineering
(Electronics & Telecommunication Engineering)**

Awarded by

**Sant Gadge Baba Amravati University, Amravati, (M. S)
During academic year 2017-2018 under my guidance**

Guided by

Ravi

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A. D. Shelotkar
Prof. A. D. Shelotkar
HOD

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Engineering Department
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CERTIFICATE

This is to certify that the dissertation entitled "**Wireless Industrial Appliances Control and Monitor with Fault Detection**" 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

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Miss. Vaishnavi V. Kale


Miss. Neha P. Malkhede

Miss. Mrunal Kene


Prof. V. K. Barbuddhe

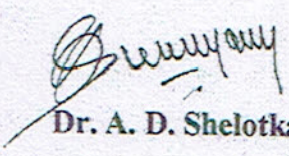
Guide

EXTC Engg. Dept.


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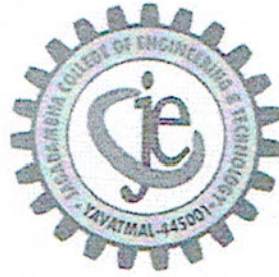
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**JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001**



CERTIFICATE

This is to certify that the dissertation entitled "Women's Security Application" 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

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Mr. Manoj D. Parakhi

Mr. Akash S. Ade

Miss. Ankita S. Giri

Prof. V. R. Thakare

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Assistant Professor

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Dr. A. D. Shelotkar

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JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL



CERTIFICATE

This is to certify that the dissertation entitled "SMART STUDENT ALERT SYSTEM" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfilment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

Submitted by

Miss. Nishigandha P. Pajgade

Mr. Rohan R. Swade

Miss. Khushbu A. Telani

Mr. Vishal B. Bhaware

Miss. Sneha A. Kekapure

Prof. A.A. Chincholkar

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Dr. H. M. Baradkar

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Dr. Hemant M. Baradkar
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Technology, Arni Road, Kinhi, Yavatmal

A
Project Report
On

**“AN AUGMENTED REALITY APPLICATION FOR LEARNING
THE PRACTICAL LAB EQUIPMENTS”**

Submitted to Sant Gadge Baba Amravati University, Amravati

In Partial Fulfillment of the Requirement for the Bachelor Degree in (Electronics &
Telecommunication Engineering)

Submitted by

Ms. Pallavi S. Wankar

Ms. Vaishnavi A. Raut

Ms. Kavita S. Gawande

Mr. Vikram S. Besurkar

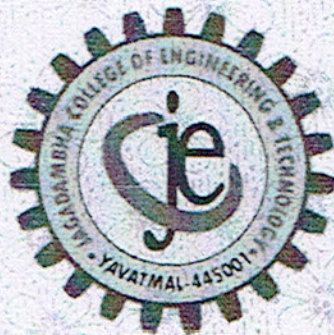
Ms. Yogita R. Nandurkar

Under the Guidance of

Prof. S. S. Rajurkar

Asst. Prof. EXTC Dept.

J.C.O.E.T Yavatmal



**Department of Electronics & Telecommunication Engineering
B.E (Electronics & Telecommunication)**

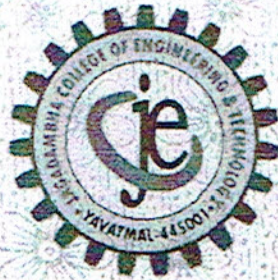


**JAGADAMBA COLLEGE OF ENGINEERING AND
TECHNOLOGY, YAVATMAL**

Year 2017-18

Dr. Hemant M. Baradkar
Principal
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JAGADAMBHA BAHUDDSHIYA GRAMIN VIKAS SANSTHA'S YAVATMAL
JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001
ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPARTMENT

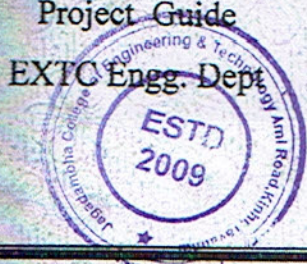


CERTIFICATE

This is to certify that the dissertation entitled "AN AUGMENTED REALITY APPLICATION FOR LEARNING THE PRACTICAL LAB EQUIPMENTS" 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.


Prof. S.S. Rajurkar

Project Guide
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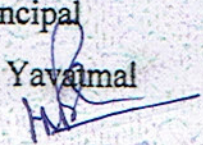



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A
Project Report
On

“TRANSMISSION OF SOUND USING LASER”

Submitted to Sant Gadge Baba Amravati University, Amravati
In Partial Fulfillment of the Requirement for the Bachelor Degree in (Electronics &
Telecommunication Engineering)

Submitted by

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B.E (Electronics & Telecommunication)

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

Year 2017-18




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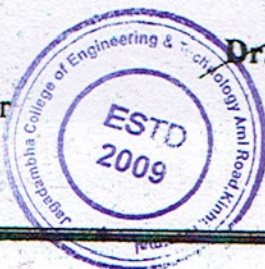
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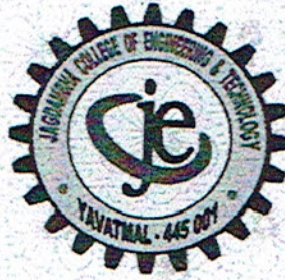
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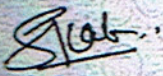
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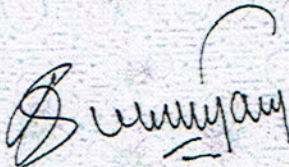
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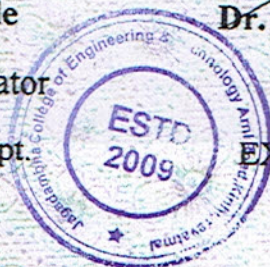
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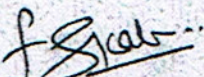
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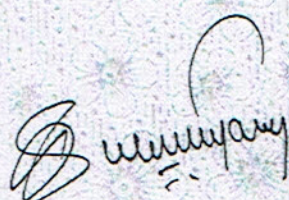
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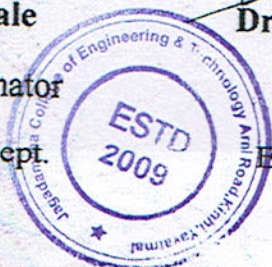
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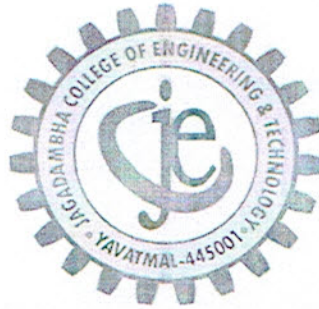
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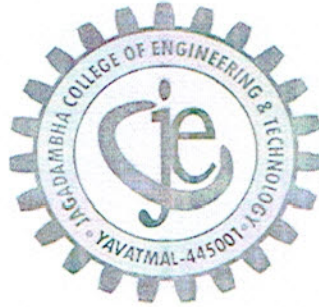
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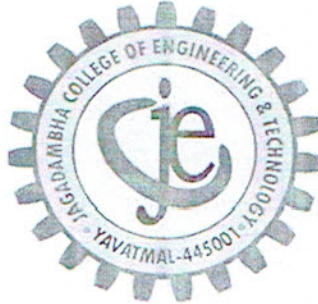
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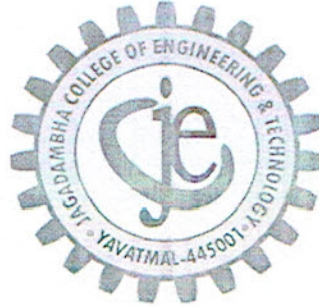
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Dr. Hemant M. Baradkar
Principal
Jagadamba College of Engineering &
Technology, Ami Road, Kinhi, Yavatmal

JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

DEPARTMENT OF MECHANICAL ENGINEERING
SESSION 2017-2018



CERTIFICATE

This is to Certify that the project report entitled “**DESIGN AND DEVELOPMENT OF SOLAR CHULHA**” has been successfully completed by **NARENDRA P. WANDHARE, CHETAN D. GODE, UTKARSH V. SENGAR, ATUL O. MARBATE, SHUBHAM S. PAWAR, DARSHAN A. BAGADE** 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

Dr. V. L. Bhambere
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, Ami Road, Kinhi, Yavatmal

CERTIFICATE

This is to certify that the Project Entitled

**“Experimental investigation to optimise notch to
angale to improve coefficient of discharge”**

Has been successfully completed by

Hemant V Jadhav

Bhushan B. Zalake

Namdev-B. Shinde

Deepa M.Patil

Priti Waghamare

Jyoti U.Jadhav

Deepakkumar A. Raut

Aditya A. Chawardol

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 2017-2018 under my guidance

Guided by




Prof. Pooja K. Pardakhe

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.



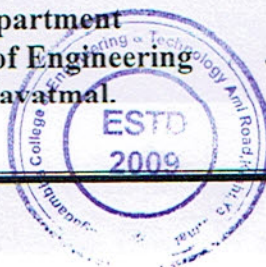
Dr. H.M. Baradkar

Principal

Jagadambha College of Engineering
& Technology, Yavatmal.

Dr. Hemant M. Baradkar
Principal

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



CERTIFICATE

This is to certify that the Project Entitled
**"SEISMIC ANALYSIS AND EARTHQUAKE RESISTANT
DESIGN OF RCC STRUCTURE"**

has been successfully completed by

DHIRAJ P. JAISWAL

RAKSHANDA W. BAHALE

DINESH B. BISKEY

AMAN N. DESHMUKH

PAVAN N. KADAM

POOJA S. KOTTAWAR

SAGAR V. AJMIRE

PRIYANKA R. DEVKAR

RITESH P. BHUSARI

a partial fulfillment for the degree of

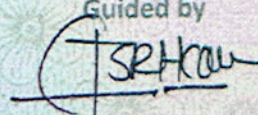
**Bachelor of Engineering
(Civil Engineering)**

Awarded by

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


During academic year 2017-2018 under my guidance

Guided by




Prof. M.R. BHATKAR

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



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



Dr. H. V. G. NAVE
**Principal
Jagadambha College of Engineering
and Technology,
Yavatmal**



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

CERTIFICATE

This is to certify that the Project Entitled
**“ PARTIAL REPLACEMENT OF CEMENT WITH GGBS IN
RIGID PAVEMENT ”**
has been successfully completed by

ANIL V. RATHOD

NARENDRA G. THAKARE

AKSHAY D. THAKARE

SUNNY G. AGALE

KUNAL S. KHOKE

HARISH S. INGALE

AKSHYANKA K. KHARTADE

SHIRAZ MIRZA

MD. AABID AB. RAFIQUE

In partial fulfillment for the degree of

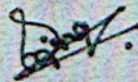
**Bachelor of Engineering
(Civil Engineering)**

Awarded by

SantGadge Baba Amravati University, Amravati, (M. S)

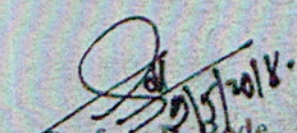
During academic year 2017-2018 under my guidance

Guided By

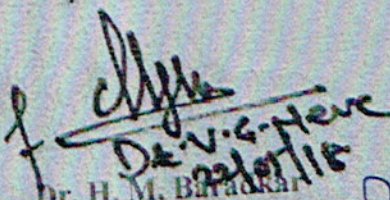



Prof. C. S. Ingale

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.


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

CERTIFICATE

This is to certify that the Project Entitled

**“EXPERIMENTAL INVESTIGATION ON USE OF
HYPOSLUDGE IN PERVIOUS CONCRETE”**

has been successfully completed by

Pradnya G. Wasnik

Shweta P. Jaiswal

Shalini S. Manwar

Arun V. Maske

Bhushan P. Jadhao

Vaishali L. Chandane

Priyank D. Rathi

Priti R. Umare

Prathamesh A Kandurwar

In partial fulfillment for the degree of

**Bachelor of Engineering
(Civil Engineering)**

Awarded by

SantGadge Baba Amravati University, Amravati, (M. S)

During academic year 2017-2018 under my guidance

Guided by

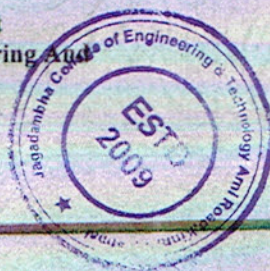
V.R. Baankar
Prof. V.R. Baankar

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

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

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

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



CERTIFICATE

This is to certify that the Project Entitled

“Compare the Seismic Analysis and Design of RCC Building by 2D And 3 D Model”

Has been successfully completed by

Rohit Chandankhede

Ronit Chandankhede

Sunder D.Mantute

Vaibhavkumar P.Jaiswal

Munwar Shaikh

Wrushali Dinesh Chopde

Deepali Kapade

In partial fulfillment for the degree of

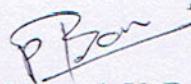
**Bachelor of Engineering in
Civil Engineering**

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

During academic year 2017-2018 under my guidance

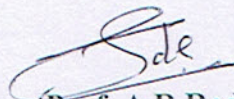
Guided by



Prof. Preeti V. Ban

(Civil Engineering Department)

Jagadambha College of Engineering & Technology
Yavatmal.



Prof. A.R.Rode

Head of Civil Department

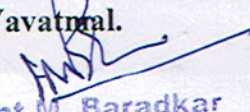
Jagadambha College of Engineering
& Technology, Yavatmal.



Dr. H.M. Baradkar

Principal

Jagadambha College of Engineering
& Technology, Yavatmal.



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

CERTIFICATE

This is to certify that the Project Entitled

“COMPARATIVE ANALYSIS OF ENERGY RECREATION AND WASTE MINIMIZATION FROM COW DUNG SLURRY AND KITCHEN WASTE”

has been successfully completed by

Rushabh Bhendare

Zoheb Khan

Darshan R. Kukekar

Pallavi Madekar

Devyani Sangitrao

Diksha Wanjari

Abhijit Jaisingpure

Hitesh Bhutwani

In partial fulfillment for the degree of

**Bachelor of Engineering
(Civil Engineering)**

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

During academic year 2017-2018 under my guidance

Guided by


Prof. A. R. Rode

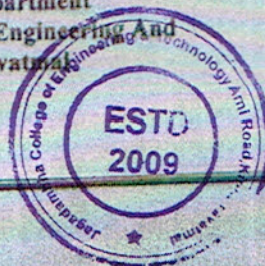
Head of Civil Department
Jagadambha College of Engineering and Technology
Yavatmal

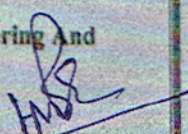

Prof. A. R. Rode

Head of Civil Department
Jagadambha College Of Engineering And
Technology Yavatmal



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




Dr. Hemant M. Baradkar
Principal

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

CERTIFICATE

This is to certify that the Project Entitled

**“PARTIAL REPLACEMENT OF CEMENT BY GROUND
GRANULATED BLAST FURNACE SLAG IN CONCRETE”**

has been successfully completed by

SHUBHADA P. KARLUKE

ASHUTOSH V. RESHEEMWALE

GURLEEN KAUR NANARE

RASHEED ULLAH KHAN

PAYAL M. TANWAR

BHIVENDRA A. GADGE

SNEHAL B. BADWAIK

AKSHAY S. JAISINGPURE

SOHRAB KHAN

In partial fulfillment for the degree of

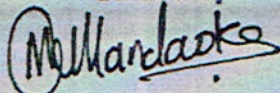
**Bachelor of Engineering in
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Awarded by

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

During academic year 2017-2018 under my guidance

Guided by



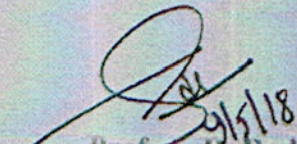
PROF. M. G. MANDAOOKAR



(Assistant professor)

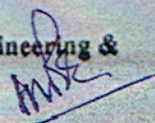
Department of Civil Engineering

Jagadambha College of Engineering & Technology

Yavatmal


9/15/18
Prof. A. K. Rode
Head of Civil Department
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.



CERTIFICATE

This is to certify that the Project Entitled
**"STUDY & COMPARISON OF DIFFERENT QUALITY
CONTROL METHOD FOR THE CONSTRUCTION OF
HIGHWAYS"**

has been successfully completed by

- | | |
|---------------------|--------------------|
| 1. SHEIKH NAIM | 2. YOGESH R. DUDHE |
| 3. MANISH GAWAI | 4. SUNIL RATHOD |
| 5. LOKESH HARSULKAR | 6. SAGAR KARANJKAR |
| 7. CHAITANYA SARGAR | 8. CHETAN VANJARE |

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 2017-2018 under my guidance


Guided by


Prof. S.S. KENDHE

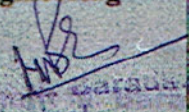
**Assistant Prof. (Civil Department)
Jagadambha College of Engineering and Technology
Yavatmal**


Prof. A.R. Rode

**Head of Civil Department
Jagadambha College of Engineering
and Technology,
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Dr. H.M. Baradkar

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


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



CERTIFICATE

This is to certify that the seminar Entitled
**“CONVERSION OF SALINE WATER INTO FRESH
WATER BY CONTINUOUS EVAPORATION AND
CONDENSATION PROCESS”**

Has been successfully completed by

PRACHI N. PRADHAN

AKASH S. SINGHANIYA

TEJASVINI D. TICHUKALE

KAJAL G. POLE

SHUBHAM L. VARMA

ANKITA M. PIPRADE

PRADNYA M. PATIL

GAURAV L. KHODE

DIVYA G. GAWANDE

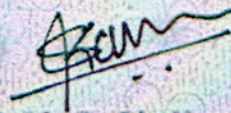
In partial fulfillment for the degree of

**Bachelor of Engineering
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Awarded by

**Sant Gadge Baba Amravati University, Amravati, (M. S)
During academic year 2017-2018 under my guidance**

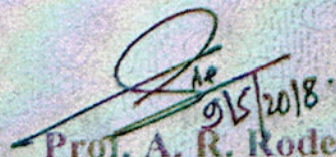
Guided by



Prof. K. S. Kulkarni

Assistant Prof. (Civil Department)

Jagadhambha college of Engineering and Technology
Yavatmal



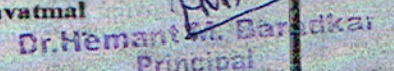
9/5/2018

Prof. A. R. Rode

Head of Civil Department
Jagadhambha college of Engineering and
Technology, Yavatmal



Dr. H. M. Baradkar
Principal
Jagadhambha college of Engineering and
Technology, Yavatmal



Dr. Hemant M. Baradkar
Principal

Jagadhambha college of Engineering &
Technology, Ami Road, Kithi, Yavatmal



CERTIFICATE

This is to certify that the Project Entitled
"COMPARATIVE STUDY SEISMIC RESPONSE OF RC
BUILDING WITH OMRF AND SMRF"

has been successfully completed by

SURBHI S. BHOYAR

VIPUL W. LAHE

SHUBHAM R. KHANDRE

ANJALI V. SARVE

TEJAS A. SAYARE

MANGESH S. THAKARE

SURAJ S. PATIL

NEHA S. LASANAPURE

VISHAL D. RAUT

In partial fulfillment for the degree of

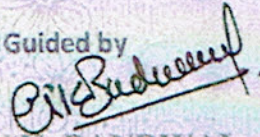
**Bachelor of Engineering
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Sant Gadge Baba Amravati University, Amravati, (M. S)

During academic year 2017-2018 under my guidance

Guided by



Prof. N.V. BANDWAL

Assistant Prof. (Civil Engg. Dept.)

Jagadambha College Of Engineering & Technology,

Yavatmal,



Prof. A. R. Rode

Head of Civil Engg. Dept.
Jagadambha College Of Engineering And
Technology, Yavatmal



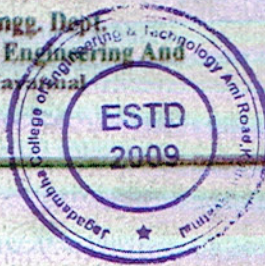
Dr. H. V. Baradkar

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

“Soil Stabilization by using waste Lime and Fibre”

Has been successfully completed by

Kamlesh Suresh Padhen

Pragya M.Lunawat

Shubham A. Pratapwar

Umer Rzaa H.Khan Rizvee

Gaurav Maske

Priyanka Vijay Gingule

Vishal Chauhan

Nehal R.Wadhvani

In partial fulfillment for the degree of

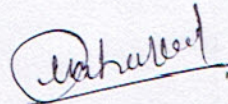
**Bachelor of Engineering in
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During academic year 2017-2018 under my guidance

Guided by

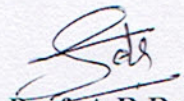


Prof. Anurag K.Gahlod

Assistant Professor

(Civil Engineering Department)

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Yavatmal.



Prof. A.R.Rode

Head of Civil Department

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Dr. H.M. Baradkar

Principal

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& Technology, Yavatmal



Dr. Hemant M. Baradkar
Principal

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

CERTIFICATE

This is to certify that the Project Entitled

**"PROVIDING SILT YIELD ASSESSMENT TECHNIQUES AT
ARUNAVATI RESIRVIOR BY QGIS SOFTWARE"**

has been successfully completed by

Ms. Rajaswi R. Jaiswal

Ms. Rachana A. Khaire

Mr. Harshal G. Doijad

Mr. Suraj S. Bankar

Mr. Milind V. Gaikwad

Ms. Shraddha G. Kale

Mr. Pravin R. Chavan

Mr. Gajanan D. Chavan

Mr. Shubham M. Chavan

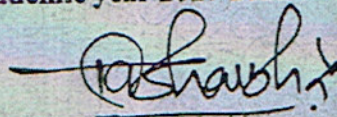
In partial fulfillment for the degree of

**Bachelor of Engineering
(Civil Engineering)**


Awarded by

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

During academic year 2017-2018 under my guidance


Guided by

**Prof. Vishal D. Dhore
Asst. Professor (Civil Engg)**


Prof. A. R. Rode

Head of Civil Department

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

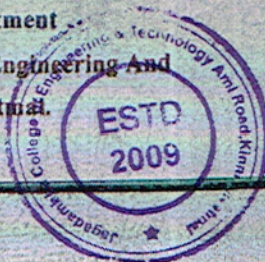

Dr. H. M. Baradkar

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

“Design of water supply and drainade syatem for jagdambha collage of engg.and tech yavatmal”

Has been successfully completed by

Akshay G Sardar

Amol S Kathale

Abhinav G. Patil

Bhushan L. Kale

Sheikh Zibran S. Hakeem

Aakash A Bihade

Pragati V.Gaikwad

Pratik W. Sursaut

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 2017-2018 under my guidance

Guided by



Prof. M. R. Nalamwar

Assistant Professor

(Civil Engineering Department)

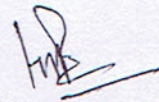
Jagadambha College of Engineering & Technology
Yavatmal.



Prof. A.R.Rode

Head of Civil Department

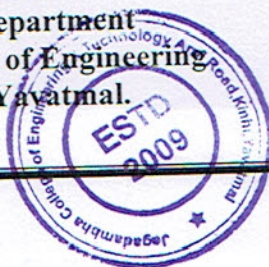
Jagadambha College of Engineering
& Technology, Yavatmal.



Dr. H.M. Baradkar

Principal

Jagadambha College of Engineering
& Technology, Yavatmal.



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

CERTIFICATE

This is to certify that the Project Entitled

**"STUDY AND DESIGN OF ROADSIDE DRAINAGE FOR SH 3
(FROM BUS STAND TO AMRUT GARDEN YAVATMAL)"**

has been successfully completed by

PANKAJ S. MUNDLE

NITESH S. CHAUDHARI

SURAJ S. BHAD

PIYUSH WASEKAR

DHANASHRI M. SARKATE

KARISHMA P. PUSAM

SHANTANU M. KAPADE

AJINKYA GAGBIYE

AKSHAY V. TEKALE

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 2017-2018 under my guidance

Guided by



PROF. P.S. KUMBHARE

Assistant Prof. (Civil Department)

Jagadambha College of Engineering and Technology

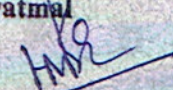
Yavatmal



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, Am Road, Kinhi, Yavatmal

CERTIFICATE

This is to certify that the project Entitled

**“EXPERIMENTAL STUDY ON BUBBLE DECK
SLAB BY USING SPHERICAL BALLS”**

Has been successfully completed by

PRAYAS DANDGE

GANESH BHATULKAR

ROHIT MESHARAM

MINAKSHI KADAO

MITALI ADE

VAISHNAVI PAJGADE

MAYURI KALE

RENUKA MAHINDRE

ARJUN JAMKAR

In partial fulfillment for the degree of

Bachelor of Engineering


(Civil Engineering)

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

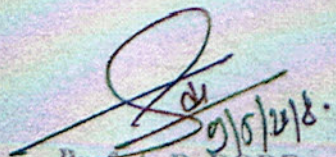
During academic year 2017-2018 under my guidance

Guided by




Prof. N.K. MESHARAM

(Project guide)



Prof. A. R. RODE
(Head of Civil Department)



Dr. H. M. BARADKAR
(Principal)
Dr. Hemant M. Baradkar
Principal

Jagadamba College of Engineering & Technology, Amravati, Maharashtra

CERTIFICATE

This is to certify that the Project Entitled

**“EXPERIMENTAL STUDY ON SELF CURING CONCRETE
USING PEG-400”**

Has been successfully completed by

ABDUL SIDDIQUE SHAIKH

ADITI S. YEWALE

SHUBHAM S. MOHITE

KISHORI S. SAGANE

POONAM A. KHUNKAR

SHUBHAM R. GANNOJWAR

MAYURI I. DAHARE

ZAINAB A. BHARMAL

MAYUR D. SINGALWAR

In partial fulfillment for the degree of

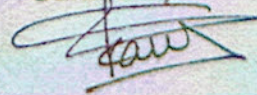
**Bachelor of Engineering in
Civil Engineering**

Awarded by

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

During academic year 2017-2018 under my guidance

Guided by



Prof. Sagar R. Raut

Assistant Professor

(Civil Engineering Department)

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



Prof. A.R. Rode

Head of Civil Department


**Jagadambha College of Engineering
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**Jagadambha College of Engineering
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Dr. Hemant M. Baradkar

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A
Report on
Field Project

“A Case Study on Reducing Coal Consumption of Cogeneration
Power Plant.”



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"A Case Study on Reducing Coal Consumption of Cogeneration Power Plant."

By

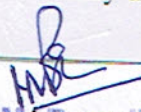
Mechanical Engineering Department

1. Title of Activity	"A Case Study on Reducing Coal Consumption of Cogeneration Power Plant."
2. Duration of Activity	30 Days
3. Objective	To provide practical knowledge of power plant
4. Venue	RAYMOND UCO DENIM PVT. LTD. YAVATMAL PLANT
5. No. of Beneficiary	6 Students work on this project <ul style="list-style-type: none">• Shahbaz .M. Sheik• Amit .S. Malvi• Mayur .R. Bonkile• Shoaib .A. Khan Pathan• Dhananjaygiri• Aparna .R. Ambatkar
6. Guided By	Dr. V. L. Bhambere

INTRODUCTION

Project batch had performed the case study in Raymond UCO Denim Pvt. Ltd as their final year project. In Raymond they carried out case study in the 6 MW cogeneration power plant of this industry under the guidance of Mr. D. K. Sharma, who is the head of this power plant. First Project batch had understood the working of the complete power plant. After understanding the system of power plant they found that there was some scope of improvement in the system. So they performed the detailed case study on to reduce the coal consumption of cogeneration power plant by recovering some amount of heat of steam which is actually wasted in current cogeneration power plant system. This loss of heat takes as steam is condensed in condenser. This heat can be recovered by circulating DM water as cooling water in condenser thus extracting the heat of steam and then using this DM water as feed water of boiler. Due to this the amount of coal required for heating the boiler water to a desired temperature is reduced. Project batch had calculated the annual savings of coal which they will obtain if they use DM water as cooling water in the condenser. Also in current system the pressure reducing and desuper heating system is used for reducing pressure and temperature of steam. The same objective can be obtained if they replace this system by a turbine and in addition to this they also




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“A Case Study on Reducing Coal Consumption of Cogeneration Power Plant.”

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get power as steam was expanded in turbine. Project batch had calculated the power produced by the turbine for given inlet and outlet conditions. Finally the batch found that they can annually save Rs. 7 lakhs. Then Project batch had submitted their study to Mr. D. K. Sharma sir and it is in consideration for implementation in future.

SNAPSHOTS



Image 1: Boiler



Image 2: Condensor

Wshah



AMS

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