

DEPARTMENT OF ELECTRICAL ENGINEERING
JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY,
YAVATMAL - 445001

Sant Gadge Baba Amravati University, Amravati



CERTIFICATE

This is to certify that the dissertation entitled “Solar Lightning System with a car parking detector” 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 Electrical.

Submitted by

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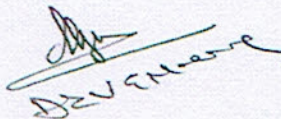
This is to certify that the dissertation entitled “**Smart Flower and Agricultural System**” is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electrical.

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This is to certify that the dissertation entitled “Smart Energy Meter” 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 Electrical.

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This is to certify that the dissertation entitled “**Modelling and Simulation of Hydro electric Power plant by using MATLAB**” 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 Electrical.

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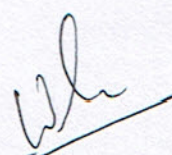
This is to certify that the dissertation entitled “**Digital Notice Board**” is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electrical.

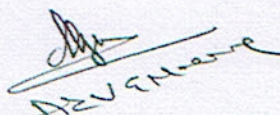
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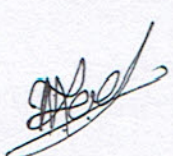
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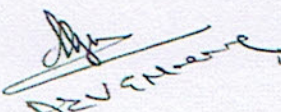
This is to certify that the dissertation entitled “Maglev Levitated Train” is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electrical.

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This is to certify that the dissertation entitled “Wireless Agricultural Multipurpose Robot Using Solar Panel” 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 Electrical.

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This is to certify that the dissertation entitled “Advanced Automatic Solar Powered Irrigation 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 Electrical.

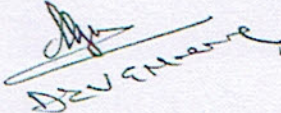
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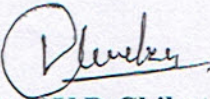
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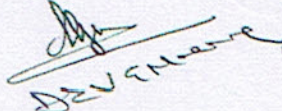
This is to certify that the dissertation entitled “Modelling and Simulation of PV array for Maximum load demand at JCOET & Grid Interconnection” is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electrical.


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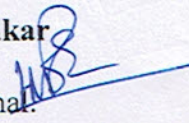

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This is to certify that the dissertation entitled "Online book Selling Platform" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Computer..

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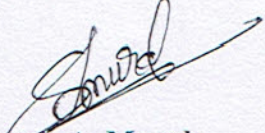
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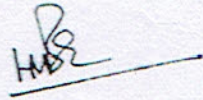
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This is to certify that the dissertation entitled "Online Farming Products and Machineries" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Computer..

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CERTIFICATE

This is to certify that the dissertation entitled "IOT Based Irrigation System Using Arduino" 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 Computer..

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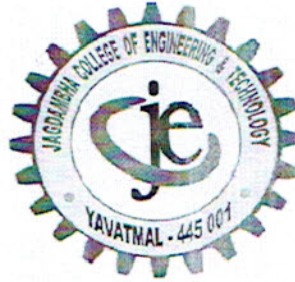
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CERTIFICATE

This is to certify that the dissertation entitled “Vehical Number Plate Recognition Using Raspberry PI3” 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 Computer..

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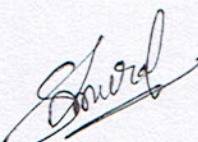
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This is to certify that the dissertation entitled "E-Farming" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Computer..

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This is to certify that the dissertation entitled "Agriculture Products Selling System for farmers" 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 Computer..

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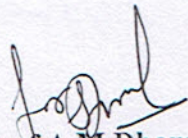
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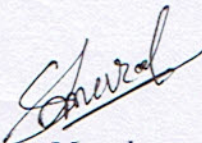
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This is to certify that the dissertation entitled "Smart Online Campus Recruitment System" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Computer..

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This is to certify that the dissertation entitled "Surveillance using facial recognition" 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 Computer..

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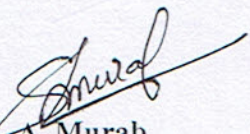
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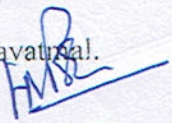
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This is to certify that the dissertation entitled "Personal Security System" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Computer..


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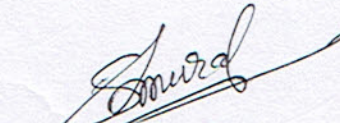
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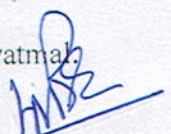
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This is to certify that the dissertation entitled "Line Follower Usng Rasberry PI" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Computer..

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This is to certify that the dissertation entitled “Raspberry-PI Based Real Time Lane, Garbage And Animal Detection 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.

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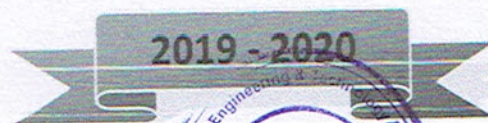
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This is to certify that the dissertation entitled "Voice Controlled Pesticide & Fertilizer Spraying Robot" is a bonafide work done under our supervision and is submitted to Sant Gadge Baba Amravati University, Amravati in partial fulfillment of the requirement for the Bachelor of Engineering in Electronics & Telecommunication.

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This is to certify that the dissertation entitled "Iot Based Warehouse Monitoring & Controlling Using Raspberry PI" 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.

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Mr. Shubham Prakash Kadu**

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Submitted by

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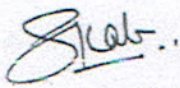
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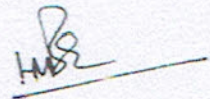
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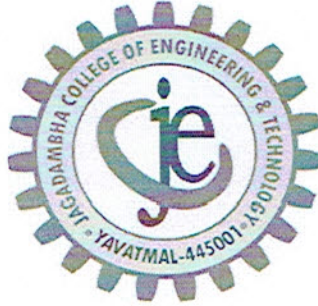


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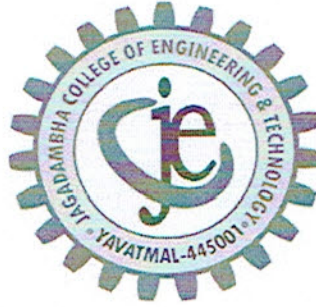
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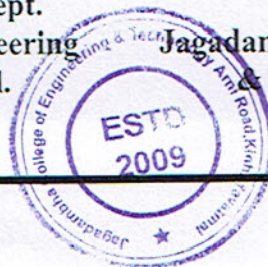
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This is to Certify that the project report entitled “**DESIGN & FABRICATION OF MANUALLY OPERATED METAL ROLLING MACHINE**” has been successfully completed by **MAYUR KAWADUJI MADAVI, SAJIDKHAN B. PATHAN, SHUBAM C. DHOLE, VIVEK BANDUJI BODHALE** under 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)

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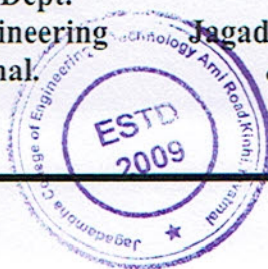
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Snehal Mahendra Kherde

Sanjay B. Murkulwad

Pratiksha Anand Kene

Shweta Unde

Aniruddha Arunrao Yawale

Ashwin Rathod

Harshit Gopal Rathod

Sumedh R Ramteke

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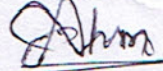
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During academic year 2019-2020 under my guidance

Guided by



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This is to certify that the Project Entitled

“Experimental Study on Self Healing Concrete by Using Bacteria”

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Gulshan V. Patil

Swapnil Chavhan

Shrikant R. Muramkar

Akshay Atram

Mayur D. Kandalkar

Akash Bidkar

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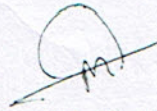
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This is to certify that the Project Entitled

**“Utilization of Waste Plastic for Manufacturing of
Paver Block”**

Has been successfully completed by

Ujwal Ajabrao Shende

Sanmit D. Dhurve

Pawan Chavhan

Abhishek H. Chaudhari

Diksha Kalaskar

Samiksha Rekhate

Pratik S. Boralkar

Sinthil Patil

Priyanka Dande

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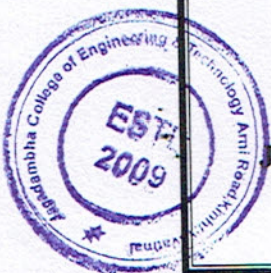
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This is to certify that the Project Entitled

**“Flood Control Technique by Underground water Tank
System at Bori Gosavi Village”**

Has been successfully completed by

Payal Kishorrao Bukne

Puja M. Rathod

Mayur P. Gore

Pratik S. Kapsekar

Vrushali Gahayar

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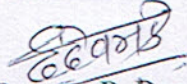
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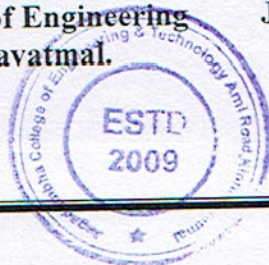
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This is to certify that the Project Entitled

**“Waste Water Treatment by Using Root zone
Technology”**

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Pawan Digambar Agirkar

Abhijit Vinod Dudhe

Shivani Jumde

Pratik Gajanan Bokse

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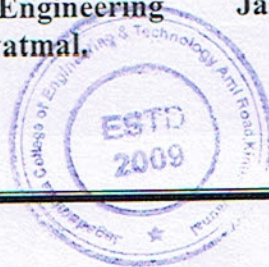


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“Stabilization of black cotton soil by using coconut coir fiber”

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Prathamesh Kachare

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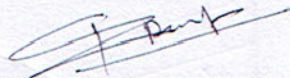
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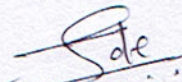
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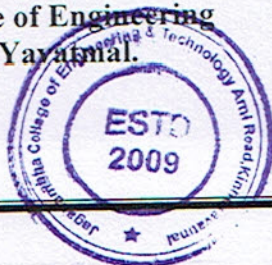


**Dr. H.M. Baradkar
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**Dr. Hemant M. Baradkar
Principal**

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



CERTIFICATE

This is to certify that the Project Entitled

**“Analysis of RCC Structure in Earthquake Zone Using
light weight Material on ETABS”**

Has been successfully completed by

Mahesh Dayaram Bhoyar

Mayuri Ratan Rathod

Sagar R Wagh

Pragati Jeetendra Jagtap

Saurabh R. Sonkar

Vaibhav Helonde

Youraj D. Deshmukh

Sheikh Shahebaz

Sheikh Vajid

In partial fulfillment for the degree of

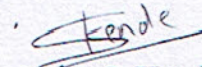
**Bachelor of Engineering in
Civil Engineering**

Awarded by

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

During academic year 2019-2020 under my guidance

Guided by

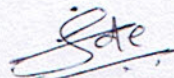


Prof. Shashank S. Kendhe

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Principal

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CERTIFICATE

This is to certify that the Project Entitled

**“Comparison and Study of Manufacturing NPK Cakes
after Swage Water Treatment and Inorganic Fertilizer”**

Has been successfully completed by

Akash Sanjay Vaidya

Pragati Dasharath Bhise

Vishal Ade

Pragati D. Palaskar

Kshitij U. Fursule

Vijay Maratrao Ingale

Shantanu S. Waikar

Vishal Rawate

Ramesh Muthal

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CERTIFICATE

This is to certify that the Project Entitled

**“Comparitive study & analysis of Natural sand with
Manufactured sand on Specified Concrete Grade”**

Has been successfully completed by

Rahul Rajesh Manakshe

Shivam Arvind Chaure

Pranay Narendra Kothari

Şahil Vijay Chahande

Aniket Rajaram Bhoyar

Shubham V. Kesharwani

Chittshri Narendra Virutkar

Prashant Babarao Talan

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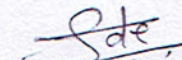
Sant Gadge Baba Amravati University, Amravati, (M. S)

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Dr. Hemant M. Baradkar
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CERTIFICATE

This is to certify that the Project Entitled

**“Experimental Investigation on Effect of Magnetised
Water on Properties of Concrete”**

Has been successfully completed by

Srushti R. Dongre

Sandesh P. Wanjari

Shivani Rajesh Butle

Sonali Anil Sakharkar

Rupali Arvind Pawar

Rajesh Gajanan Sarokh

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CERTIFICATE

This is to certify that the Project Entitled

**“Effect of Size of Aggregate on self Compacting
Concrete”**

Has been successfully completed by

Sakshi Rajiv Burade

Prajakta Dilip Shirbhate

Sneha Gautamrao Mun

Rohan Sudhakar Durge

Priya Yadavrao Pawar

Atharv Kiran Deshpande

Arti Gangadharrao Uge

Pooja Ashokrao Ghodmare

In partial fulfillment for the degree of

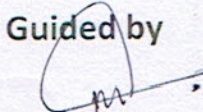
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Prof. Manish R. Bhatkar

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Head of Civil Department

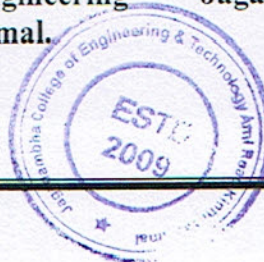
Jagadambha College of Engineering
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Jagadambha College of Engineering
& Technology, Yavatmal.

Dr. Hemant M. Baradkar
Principal

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



CERTIFICATE

This is to certify that the Project Entitled

**“Comparative Study on Multi Storied RCC structure
with and without Shear Wall”**

Has been successfully completed by

Gaurav Manik Gedam

Gayatri Ramesh Jiddewar

Piyush V. Karanjkar

Jayesh Dipraj Thakare

Rugveda Satish Bhoyar

Nikita Santosh Kolkar

Suraj Raju Kesharwani

Payal Sanjay Kachare

Swapnil C. Jumde

In partial fulfillment for the degree of

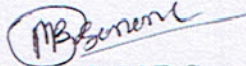
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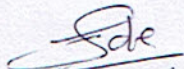
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Technology, Arni Road, Kinhi, Yavatmal.



CERTIFICATE

This is to certify that the Project Entitled

“Integrated Watershed Management by Using GIS and Remote sensing”

Has been successfully completed by

Humeroddin Kamroddin

Sachin Sheshrao Rathod

Avinash Sitaram Rathod

Harish Gajanan Muddelwar

Harish Prakashrao Deshmukh

Akash Shrikrushna Raut

Suvidha Sunil Madavi

Abhijeet Bhaskarrao Hiwre

In partial fulfillment for the degree of

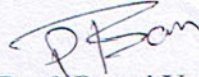
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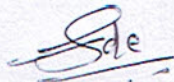
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Head of Civil Department

Jagadambha College of Engineering
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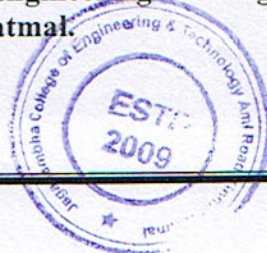
Dr. H.M. Baradkar

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Dr. Hemant M. Baradkar
Principal

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Technology, Arni Road, Kinhi, Yavatma



CERTIFICATE

This is to certify that the Project Entitled

**“Seismic Analysis of G+12 RCC Building with and
without Bracing System”**

Has been successfully completed by

Aishwarya Khushal Ramteke

Dipali D. Mamidwar

Dhiraj Gajanan Deshmukh

Bhgayashree N. Dahare

Rajan Sahadeo Bondre

Ganesh Mahendra Hulke

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CERTIFICATE

This is to certify that the Project Entitled

**“Design and Analysis of Modern Integrated ESR with
Water Treatment Plant”**

Has been successfully completed by

Neha Sanjay Dhokane

Kranti Devendrasingh Gasone	Kaustubh J. Jaisingpure
Gaurav Pradiprao Thakare	Apeksha Suresh Dhokne
Nikita Ashokrao Charmode	Bhavesh Jayantrao Ingale
Amit Ashok Jumale	Harsha Sunilrao Dongare

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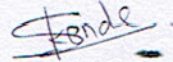
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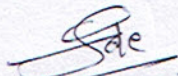
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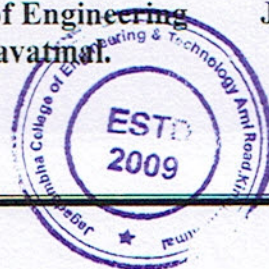


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& Technology, Yavatmal.

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



CERTIFICATE

This is to certify that the Project Entitled

**“Effect of Treated Waste Water on Strength of
Concrete”**

Has been successfully completed by

Aman Sahebrao Bhagat	Isha Indrapal Bhagat
Bhushan Ramesh Meshram	Mukta Arunrao Mahure
Chetana Kisanrao Thakare	Sagar Vishnu Jadhao
Devananad Namdev Mujmule	Shubham M. Mhatarmare

In partial fulfillment for the degree of

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**Prof. A.R. Rode
Head of Civil Department
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