



# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Sanika Bargal*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Santosh Ajabe*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Akash Chavan*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Poonam Bhagat*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Prashant Chavan*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Neha Gade*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Abhishek Gayake*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Devendra Gharate*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Shrushti Giramkar*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Ganesh Gore*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Rohini Kandekar*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Rohan Kale*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Kohraj Kakade*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Nikita Jambe*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Avinash Jaadhav*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Rohit Holkar*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Poonam Hirade*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Rohit Khamkar*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Tejasvi Khedkar*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO  
*Ms. Komal Navale*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Siddhant Khupte*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Harshwardhan Pachpute*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO  
*Ms. Roshani Pandit*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO  
*Ms. Sakshi Parkate*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Yash Salunke*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Prathamesh Sonawane*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Rutik Petkar*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**



**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Tanmay Pawar*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Om Pawar*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Akanksha Pawar*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Arju Shaikh*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Shanzey Shaikh*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Asim Shaikh*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO  
*Ms. Prasanna Shinde*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Sanchit Shitole*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**



**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH



**LOGIPOOL**  
I N F O T E C H

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Janvi Sonawane*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Sahil Sonawane*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

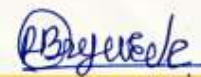
**We wish Him All the Best for the Future**



**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH



**LOGIPOOL**  
I N F O T E C H

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Rupali Takale*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



*Shivaji Kute*

**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



*Rajeshri Gangarde*

**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Suchita Thorat*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH



**LOGIPOOL**  
I N F O T E C H

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Pranjal Tekale*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Tushar Tandale*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**



**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH



**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Rafat Tamboli*

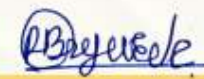
For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

We wish Him All the Best for the Future



**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Suraj Timune*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

We wish Him All the Best for the Future



*Shivaji Kute*

**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



*Rajeshri Gangarde*

**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH



**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Manisha Tupe*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Sneha Vanjare*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH



**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Arati Wagaskar*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Sanket Bhosale*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

We wish Him All the Best for the Future



*Shivaji Kute*

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



*Rajeshri Gangarde*

**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



**LOGIPOOL**  
I N F O T E C H

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Swapnali Bhosale*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Rushikesh Unde*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

We wish Him All the Best for the Future



*Shivaji Kute*

**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



*Rajeshri Gangarde*

**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH



**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Daibhav Wakade*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**



*Shivaji Kute*

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



*Rajeshri Gangarde*

**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Rutuja Sable*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



**LOGIPOOL**  
I N F O T E C H

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Siddhesh Bokefod*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Saeer Bhosale*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH



**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Om Dighe*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

We wish Him All the Best for the Future

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
I N F O T E C H

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Rutuja Aamle*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH



**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Vishwas Hirade*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Abhishek Nandkhite*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

We wish Him All the Best for the Future

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH



**LOGIPOOL**  
INFOTECH

# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Rahul Jadhav*

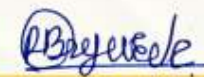
For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**



**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Sangram Wakate*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**



*Shivaji Kute*

**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



*Rajeshri Gangarde*

**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH



**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Saurabh Pakhare*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

We wish Him All the Best for the Future



*Shivaji Kute*

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



*Rajeshri Gangarde*

**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
I N F O T E C H

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Pratik Nagawade*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

We wish Him All the Best for the Future



*Shivaji Kute*

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



*Rajeshri Gangarde*

**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



**LOGIPOOL**  
INFOTECH


# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO  
*Ms. Suryavanshi Dnyaneshwar*

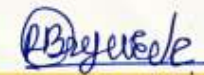
For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH





**LOGIPOOL**  
I N F O T E C H

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Ashwarya Bhilange*

For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

We wish Him All the Best for the Future

**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH



**LOGIPOOL**  
INFOTECH

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Govinda Lokhande*

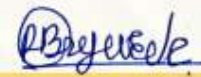
For his successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**



**SHIVAJI KUTE**  
MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**

BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Apurva Gursali*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



**LOGIPOOL**  
I N F O T E C H

# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Neha Lokhande*

For her successfully completion of the internship program at  
**LogiPool Infotech pvt.ltd** for the  
Role of **Full Stack Developer** from  
15th December 2023 to 15th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



*Shivaji Kute*

**SHIVAJI KUTE**

MANAGING DIRECTOR,

TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



*Rajeshri Gangarde*

**RAJESHRI GANGARDE**

BUSINESS HEAD,

LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Ms. Vaishnavi Bhand*

For her successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
She found to be hardworking, sincere & diligent

We wish Her All the Best for the Future



**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Omkar Bade*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE

## OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Akshay Borate*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH



# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Abhijit Kokat*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH





# CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Mr. Rohan Lagad*

For his successfully completion of the internship program at  
**Technogrowth software solutions pvt.ltd** for the  
Role of **Web Developer** from  
11th December 2023 to 11th January 2024  
He found to be hardworking, sincere & diligent

**We wish Him All the Best for the Future**

  
**SHIVAJI KUTE**  
MANAGING DIRECTOR,  
TECHNOGROWTH SOFTWARE  
SOLUTIONS PVT LTD



  
**RAJESHRI GANGARDE**  
BUSINESS HEAD,  
LOGIPOOL INFOTECH

A  
PROJECT REPORT  
ON

**“DESIGN AND DEVELOPMENT OF AUTOMATIC  
HANDBRAKE SYSTEM, FOR FOUR WHEELER.”**



**UNDER GUIDANCE OF :**  
**PROF. Dhagate M.D.**

**SUBMITTED BY:**

- |                            |             |
|----------------------------|-------------|
| 1. KALOKHE SHRIKANT KALYAN | (72210793F) |
| 2. SOMUSE YOGESH GULABRAO  | (72210823M) |
| 3. MHASKE VITTHAL ASHOK    | (72210802J) |
| 4. MISAL PRADIP SATISH     | (72210803G) |

Submitted in partial fulfilment of the requirement for bachelor of Mechanical Engineering in Savitribai Phule Pune University, Pune

**DEPARTMENT OF MECHANICAL ENGINEERING**

**HON. SHRI BABANRAO PACHPUTE VICHARDHARA  
TRUST'S GROUP OF INSTITUTION'S,**

**FACULTY OF ENGINEERING, KASHTI TAL  
SHRIGONDA, DIST AHMEDNAGAR. PINCODE-414701**

**SAVITRIBAI PHULE PUNE UNIVERSITY**

**(A.Y.2023-24)**



HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S, FACULTY OF ENGINEERING,  
KASHTI, SHRIGONDA, AHMEDNAGAR.

SAVITRIBAI PHULE PUNE UNIVERSITY



**CERTIFICATE**

This is certifying that following students have satisfactorily completed final year project work entitled  
"DESIGN AND DEVELOPMENT OF AUTOMATIC HANDBRAKE SYSTEM, FOR FOUR WHEELER".

This work is being submitted for the award of Bachelor of Mechanical Engineering.  
It is submitted in the partial fulfilment of the prescribed syllabus of  
Savitribai Phule Pune University, Pune

(A.Y. 2023-2024)

**SUBMITTED BY**

Name of Student	PRN No.	Sign
1. KALOKHE SHRIKANT KALYAN	(72210793F)	
2. SOMUSE YOGESH GULABRAO	(72210823M)	
3. MHASKE VITTHAL ASHOK	(72210802J)	
4. MISAL PRADIP SATISH	(72210803G)	

Prof. Dhagate M.D.  
(Project Guide)

Prof. Dhagate M.D.  
(HOD)

(External Examiner)

(principle)

A  
PROJECT REPORT  
ON  
“POWER GENERATION USING FOOT STEPS”

SUBMITTED BY:

1. GANESH MARGALE 72210800B
2. PIYUSH RANDHVE 72210814B
3. TUSHAR CHITALKAR 72210773M
4. MAYUR KALE 72210790M

UNDER GUIDANCE  
OF  
PROF. PROF. S.P.KHAMKAR



DEPARTMENT OF MECHANICAL ENGINEERING  
HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S,  
FACULTY OF ENGINEERING, KASHTI

SAVITRIBAI PULE PUNE UNIVERSITY  
(A. Y. 2023-2024)



HON. SHRI BABANRAO PACHPUTE VICHARDHARA  
TRUST'S GROUP OF INSTITUTION'S, FACULTY OF ENGINEERING,  
KASHTI, SHRIGONDA, AHMEDNAGAR.  
SAVITRIBAI PULE PUNE UNIVERSITY



**CERTIFICATE**

This is certifying that following students have satisfactorily completed final year project work entitled **"POWER GENERATION USING FOOT STEPS"**

This work is being submitted for the award of Bachelor of Mechanical Engineering.

It is submitted in the partial fulfilment of the prescribed syllabus of

Savitribai Phule Pune University, Pune

(A.Y. 2023-2024)

**SUBMITTED BY**

Name of Student	PRN No.
1. GANESH MARGALE	72210800B
2. PIYUSH RANDHVE	72210814B
3. TUSHAR CHITALKAR	72210773M
4. MAYUR KALE	72210790M

*S.P.K*  
29/05/2023  
Prof. S.P.Khamkar  
(Project Guide)

*[Signature]*  
(External Examiner)



Sign  
*[Signature]*  
Prof. M.D.Dhagate  
(HOD)

*[Signature]*  
Prof. Dr. Patil V.N.  
(Principal)

A

PROJECT REPORT

ON

**“A.I. BASED SMART VEHICLE SYSTEM”**

SUBMITTED BY:

- 1.AVINASH SUBHASH GORHE (72210780D)
- 2.ANIRUDH ARUN SALUNKE (72210816J)
- 3.ABHISHEK SUNIL SALVE (72210815L)
- 4.DADASAHEB BHIMRAO UMAP (72210829L)

UNDER GUIDANCE OF

PROF. LAWHATE S.P.



DEPARTMENT OF MECHANICAL ENGINEERING

HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S GROUP OF  
INSTITUTION'S,

FACULTY OF ENGINEERING, KASHTI

SAVITRIBAI PHULE PUNE UNIVERSITY

(A.Y.2023-2024)



HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S GROUP OF  
INSTITUTION'S, FACULTY OF ENGINEERING, KASHTI, SHRIGONDA,  
AHMEDNAGAR.

SAVITRIBAI PHULE PUNE UNIVERSITY



**CERTIFICATE**

This is certifying that following students have satisfactorily completed final year project work entitled "A.I. BASED SMART VEHICLE SYSTEM".

This work is being submitted for the award of Bachelor of Mechanical Engineering.  
It is submitted in the partial fulfillment of the prescribed syllabus of  
Savitribai Phule Pune University, Pune  
(A.Y.2023-2024)

**SUBMITTEDBY**

Name of Student	PRN No.	Sign
1.AVINASH SUBHASH GORHE	(72210780D)	
2.ANIRUDH ARUN SALUNKE	(72210816J)	
3.ABHISHEK SUNIL SALVE	(72210815L)	
4.DADASAHEB BHIMRAO UMAP	(72210829L)	
 Prof.Lawhate S.P. (ProjectGuide)		 Prof.DhagateM.D. (HOD)
 (ExternalExaminer)		 (Principle)

A  
PROJECT REPORT  
ON

**DESIGN AND FABRICATION OF FOUR WHEEL STEERING  
SYSTEMS TO REDUCE TURNING RADIUS AND INCREASE  
STABILITY**



**UNDER GUIDANCE OF :**  
**PROF. Mande S. B.**

**SUBMITTED BY:**

- |                                       |                    |
|---------------------------------------|--------------------|
| <b>1. ABHANG OMKAR ANKUSH</b>         | <b>(72210768E)</b> |
| <b>2. PARKHE PRASAD HARISHCHANDRA</b> | <b>(72210813D)</b> |
| <b>3. BATULE RAMESHWAR AJINATH</b>    | <b>(72210771E)</b> |
| <b>4. DOMALE GANPAT SHIVAJI</b>       | <b>(72210775H)</b> |

**Submitted in partial fulfilment of the requirement for bachelor of Mechanical  
Engineering in Savitribai Phule Pune University, Pune**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**HON. SHRI BABANRAO PACHPUTE VICHARDHARA  
TRUST'S GROUP OF INSTITUTION'S,**

**FACULTY OF ENGINEERING, KASHTI TAL  
SHRIGONDA, DIST AHEMADNAGAR. PINODE-414701**

**SAVITRIBAI PULE PUNE UNIVERSITY**

**(A.Y. 2023-2024)**



HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S, FACULTY OF ENGINEERING,  
KASHTI, SHRIGONDA, AHMEDNAGAR.

SAVITRIBAI PULE PUNE UNIVERSITY



**CERTIFICATE**

This is certifying that following students have satisfactorily completed final year project work entitled "DESIGN AND FABRICATION OF FOUR WHEEL STEERING SYSTEMS TO REDUCE TURNING RADIUS AND INCREASE STABILITY".

This work is being submitted for the award of Bachelor of Mechanical Engineering.  
It is submitted in the partial fulfilment of the prescribed syllabus of  
Savitribai Phule Pune University, Pune  
(A.Y. 2023-2024)

**SUBMITTED BY**

**Name of Student**

1. ABHANG OMKAR ANKUSH
2. PARKHE PRASAD HARISHCHANDRA
3. BATULE RAMESHWAR AJINATH
4. DOMALE GANPAT SHIVAJI

**PRN No.**

- (72210768E)  
(72210813D)  
(72210771E)  
(72210775H)

**Sign**

*Abhang A*  
*Prasad*  
*Batule*

**Prof. Mande S. B.**  
(Project Guide)

(External Examiner)

**Prof. Dhagate M.D.**  
(HOD)

**Prof. Dr. Patil V.N.**

(principle)

A  
PROJECT REPORT  
ON  
WIRELESS PIPE INSPECTION ROBOT

SUBMITTED BY:

- |                             |             |
|-----------------------------|-------------|
| 1) HIRAVE SAURABH TUKARAM   | (72210782L) |
| 2) SHELAR PRATIK ANIL       | (72210817G) |
| 3) DAREKAR TEJAS ARUN       | (72210774K) |
| 4) PANDARKAR TUSHAR SANTOSH | (72210808H) |

UNDER GUIDANCE  
OF  
PROF. KUMBHAR.S.J



DEPARTMENT OF MECHANICAL ENGINEERING

HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S,

FACULTY OF ENGINEERING, KASHTI

SAVITRIBAI PULE PUNE UNIVERSITY  
(A.Y. 2023-2024)



**HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S, FACULTY OF ENGINEERING,  
KASHTI, SHRIGONDA, AHMEDNAGAR.**

**SAVITRIBAI PULE PUNE UNIVERSITY**



**CERTIFICATE**

This is certifying that following students have satisfactorily completed final year project work entitled **"WIRLESS PIPE INSPECTION ROBOT"**.

This work is being submitted for the award of Bachelor of Mechanical Engineering.

It is submitted in the partial fulfilment of the prescribed syllabus of  
Savitribai Phule Pune University, Pune  
(A.Y. 2023-2024)

**SUBMITTED BY**

<b>Name of Student</b>	<b>PRN No.</b>	<b>Sign</b>
1) HIRAVE SAURABH TUKARAM	(72210782L)	
2) SHELAR PRATIK ANIL	(72210817G)	
3) DAREKAR TEJAS ARUN	(72210774K)	
4) PANDARKAR TUSHAR SANTOSH	(72210808H)	

**Prof. Kumbhar S.J.**  
(Project Guide)

**Prof. Dhagate M.D.**  
(HOD)

(External Examiner)

(Principle)

A  
PROJECT REPORT  
ON

**DESIGN AND DEVELOPMENT OF SPEED BREAKER DETECTION  
AND AUTOMATIC SPEED CONTROL SYSTEM IN 4-WHEELER**

**SUBMITTED BY:**

- |                            |             |
|----------------------------|-------------|
| 1. PATHAN TASMIYA EJEJKHAN | (72210810K) |
| 2. KALE VAIBHAV BHARAT     | (72210792H) |
| 3. CHHATTISE SUMIT MANOJ   | (72210772C) |
| 4. THITE PRATIK ASHOK      | (72210826F) |

**UNDER GUIDANCE OF : PROF. T.H. GAWALI**



**DEPARTMENT OF MECHANICAL ENGINEERING**

**HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S,  
FACULTY OF ENGINEERING, KASHTI**

**SAVITRIBAI PULE PUNE UNIVERSITY  
(A.Y. 2023-2024)**



HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S, FACULTY OF ENGINEERING,  
KASHTI, SHRIGONDA, AHMEDNAGAR.

SAVITRIBAI PULE PUNE UNIVERSITY



**CERTIFICATE**

**This is certifying that following students have satisfactorily completed final year project work entitled "DESIGN AND DEVELOPMENT OF SPEED BREAKER DETECTION AND AUTOMATIC SPEED CONTROL SYSTEM IN 4-WHEELER".**

This work is being submitted for the award of Bachelor of Mechanical Engineering.  
It is submitted in the partial fulfilment of the prescribed syllabus of  
Savitribai Phule Pune University, Pune  
(A.Y. 2023-2024)

**SUBMITTED BY**

Name of Student	PRN No.	Sign
1. PATHAN TASMIYA EJEJKHAN	(72210810K)	
2. KALE VAIBHAV BHARAT	(72210792H)	
3. CHHATTISE SUMIT MANOJ	(72210772C)	
4. THITE PRATIK ASHOK	(72210826F)	

Prof. T.H. Gawli  
(Project Guide)

(External Examiner)



Prof. Dhagate M.D.  
(HOD)

Prof. Dr. Patil Y.N.

(principle)

A  
PROJECT REPORT  
ON  
**“Design and Development of Fire Extinguisher Robot  
Using Microcontroller”**

SUBMITTED BY:

- |                                |             |
|--------------------------------|-------------|
| 1) Mr. Jagdale Aditya Pratap   | (72210786C) |
| 2) Mr. Gaikwad Aniket Dipak    | (72210777D) |
| 3) Mr . Kalane Shubham Dhanara | (72210789H) |
| 4) Mr. Patil Sunil Narasi      | (72210811H) |

UNDER GUIDANCE  
OF  
PROF. ATOLE. M. D.



DEPARTMENT OF MECHANICAL ENGINEERING

HON. SHRI BABANRAO PACHAPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTIONS,

FACULTY OF ENGINEERING, KASHTI

SAVITRIBAI PULE PUNE UNIVERSITY  
(A.Y. 2023-2024)



**HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTIONS, FACULTY OF ENGINEERING,  
KASHTI, SHRIGONDA, AHMEDNAGAR.**

**SAVITRIBAI PULE PUNE UNIVERSITY**



**CERTIFICATE**

This certifies that the following students have satisfactorily completed final year project work entitled **“Design and Development of Fire Extinguisher Robot Using Microcontroller.”** This work is being submitted for the award of Bachelor of Mechanical Engineering. It is submitted in the partial fulfillment of the prescribed syllabus of Savitribai Phule Pune University, Pune  
(A.Y. 2023-2024)

**SUBMITTED BY**

<b>Name of Student</b>	<b>PRN No.</b>	<b>Sign</b>
1) Mr. Jagdale Aditya Pratap	72210786C	
2) Mr. Gaikwad Aniket Dipak	72210777D	
3) Mr . Kalane Shubham Dhanara	72210789H	
4) Mr. Patil Sunil Narasi	72210811H	
 Prof. Atole. M. D (Project Guide)		 Prof. Dhagate. M. D. (HOD)
 (External Examiner)		 (Principle)

A  
PROJECT REPORT  
ON  
"EXHAUST FAN ELECTRICITY CUP TURBINE"

SUBMITTED BY:

- |                             |                    |
|-----------------------------|--------------------|
| 1. KALE SAGAR ANIL          | Exam No:B190770866 |
| 2. KALE KOMAL MACHINDRA     | Exam No:B190770900 |
| 3. KHAMKAR MANOJ BHAUSAHEB  | Exam No:B190770817 |
| 4. NAGAWADE NIKHIL HANUMANT | Exam No:B190770824 |

UNDER GUIDANCE  
OF  
PROF. KHAMKAR S.P.



DEPARTMENT OF MECHANICAL ENGINEERING

HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S,

FACULTY OF ENGINEERING, KASHTI

SAVITRIBAI PULE PUNE UNIVERSITY  
(A.Y. 2023-2024)



**HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S, FACULTY OF ENGINEERING,  
KASHTI, SHRIGONDA, AHMEDNAGAR.**

**SAVITRIBAI PULE PUNE UNIVERSITY**



**CERTIFICATE**

This is certifying that following students have satisfactorily completed final year project work entitled **"EXHAUST FAN ELECTRICITY CUP TURBINE"**.

This work is being submitted for the award of Bachelor of Mechanical Engineering.

It is submitted in the partial fulfilment of the prescribed syllabus of  
Savitribai Phule Pune University, Pune  
(A.Y. 2023-2024)

**SUBMITTED BY**

**Name of Student**

- 1. KALE SAGAR ANIL**
- 2. KALE KOMAL MACHINDRA**
- 3. KHAMKAR MANOJ BHAUSAHEB**
- 4. NAGAWADE NIKHIL HANUMANT**

**Exam No:**

**Exam No: B190770866**

**Exam No: B190770900**

**Exam No: B190770817**

**Exam No: B190770824**

**Sign**

**Prof. Khamkar S.P.**  
(Project Guide)

**(External Examiner)**

**Prof. Phagade M.D.**  
(HOD)

**Prof. Dr. Patil V.N.**  
(Principal)

**Seal**

A  
PROJECT REPORT  
ON  
'MAGNETIC SUSPENSION SYSTEM,'

SUBMITTED BY:

- |                                 |             |
|---------------------------------|-------------|
| 1. Mr. OMKAR DHANRAJ SHEWALE    | (72210818E) |
| 2. Mr. PRADIP NAMDEV PIMPALE    | (72210812F) |
| 3. Mr. SURYAKANT YOGIRAJ PARDHE | (72210809F) |
| 4. Mr. SUMANT ASHOK SHINDE      | (72210820G) |

UNDER GUIDANCE  
OF  
PROF. MANDE S.B.



DEPARTMENT OF MECHANICAL ENGINEERING  
HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S,  
FACULTY OF ENGINEERING, KASHTI  
SAVITRIBAI PULE PUNE UNIVERSITY  
(A.Y. 2023-2024)



HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S  
GROUP OF INSTITUTION'S, FACULTY OF ENGINEERING,  
KASHTI, SHRIGONDA, AHMEDNAGAR.

SAVITRIBAI PULE PUNE UNIVERSITY



**CERTIFICATE**

This is certifying that following students have satisfactorily completed final year project work entitled **"MAGNETIC SUSPENSION SYSTEM"**.

This work is being submitted for the award of Bachelor of Mechanical Engineering.

It is submitted in the partial fulfilment of the prescribed syllabus of  
Savitribai Phule Pune University, Pune  
(A.Y. 2023-2024)

**SUBMITTED BY**

Name of Student	PRN No.
1. Mr. OMKAR DHANRAJ SHEWALE	(72210818E)
2. Mr. PRADIP NAMDEV PIMPALE	(72210812F)
3. Mr. SURYAKANT YOGIRAJ PARDHE	(72210809F)
4. Mr. SUMANT ASHOK SHINDE	(72210820G)

Sign

*Shewale*  
*Pradip*

*Pardhe*

*Shinde S.A*

*Somande*

Prof. Mande S.B.  
(Project Guide)

*(External Examiner)*



Seal

Prof. Dhagate M.D.  
(HOD)

*(Principal)*

Prof. Dr. Patil V.N.  
(Principal)

A  
PROJECT REPORT  
ON  
"SCREW PROPELLED VEHICAL"

SUBMITTED BY:

1. THORAT SUYOG D	72210827D
2. UNDE SANSKAR B	72210832L
3. WALAKE YUVRAJ D	72210834G
4. NIMBALKAR HARSHVARDHAN U	72210806M

UNDER GUIDANCE OF  
PROF. KUMBHAR S. J.



DEPARTMENT OF MECHANICAL ENGINEERING

HON. SHRI BABANRAO PACHPUTE VICHARDHARA TRUST'S GROUP OF  
INSTITUTION'S,  
FACULTY OF ENGINEERING, KASHTI

SAVITRIBAI PULE PUNE UNIVERSITY  
(A.Y. 2023-2024)



**HON. SHRI BABANRAO PACHPUTE VICHARDHARA  
TRUST'S GROUP OF INSTITUTION'S, FACULTY OF  
ENGINEERING, KASHTI, SHRIGONDA, AHMEDNAGAR.**

**SAVITRIBAI PHULE PUNE UNIVERSITY**



**CERTIFICATE**

This is certifying that following students have satisfactorily completed final year project work entitled "SCREW PROPELLED VEHICAL".

This work is being submitted for the award of Bachelor of Mechanical Engineering.

It is submitted in the partial fulfilment of the prescribed syllabus of  
Savitribai Phule Pune University, Pune  
(A.Y. 2023-2024)

**SUBMITTED BY**

<b>Name of Student</b>	<b>PRN No</b>	<b>Sign</b>
1. THORAT SUYOG D	72210827D	
2. UNDE SANSKAR B	72210832L	unde s.B
3. WALAKE YUVRAJ D	72210834G	
4. NIMBALKAR HARSHAVARDHAN U	72210806M	

**Prof. Kumbhar S.J.**  
(Project Guide)

(External Examiner)



Seal

**Prof. Dhagate M.D.**  
(HOD)

(Principal)

**SAVITRIBAI PHULE PUNE UNIVERSITY  
A PRELIMINARY PROJECT REPORT ON**

**AN IOT BASED VEHICLE THEFT DETECTION AND  
REMOTE ENGINE LOCKING SYSTEM**

SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS OF



**BACHELOR OF ENGINEERING (Computer Engineering)**

**BY**

PAWAR AKANKSHA TUKARAM

Exam No:B190774257

SHELAR KAJAL SHIVAJI

Exam No:B190774270

PARDESHI VISHAKHA SUKHDEVISING

Exam No:B190774253

MARKAD AKSHAY SANJAY

Exam No:B190774242

**Under The Guidance of  
PROF. A.P.SURYAVANSHI**



**DEPARTMENT OF COMPUTER ENGINEERING**

**HSBPVT's GoI, FACULTY OF ENGINEERING, KASHTI**

**SAVITRIBAI PHULE PUNE UNIVERSITY**

**2023-24**





**HSBPVT's GoI, FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING  
CERTIFICATE**

This is to certify that the Project Entitled

**AN IOT BASED VEHICLE THEFT DETECTION AND  
REMOTE ENGINE LOCKING SYSTEM**

Submitted by

PAWAR AKANKSHA TUKARAM

Exam No:B190774257

SHELAR KAJAL SHIVAJI

Exam No:B190774270

PARDESHI VISHAKHA SUKHDEVSING

Exam No:B190774253

MARKAD AKSHAY SANJAY

Exam No:B190774242

is a record of bonafide work carried out by them, in the partial fulfilment of the requirement for the award of Degree of Bachelor of Engineering (Computer Engineering) at HSBBPVT's GoI Faculty of Engineering, Kashti under the University of Pune. This work is done during year 2023-2024, under our guidance.

Prof. A.P.Suryavanshi  
Internal Guide  
Dept. of Computer Engg.

Prof. S. B. Hiranwale  
H.O.D  
Dept. ~~HOD~~ Computer Engg.  
**Computer Department**  
HSBPVT's GoI Faculty of Engineering  
Kashti, Anurigonda, Dist. Ahmednagar

Dr. V.N. Patil  
Principal  
Dept. of Computer Engg.



SAVITRIBAI PHULE PUNE UNIVERSITY

A PROJECT REPORT

ON

**"Auto Generate Test Cases  
System "**

SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS

OF



**BACHELOR OF ENGINEERING**

(Computer Engineering)

SUBMITTED BY

Mr. Yadav Sanket Pratap

Exam No:B190774285

Mr. Kamble Rushikesh Kisan

Exam No:B190774264

Mr. Bankar Mayur Dada

Exam No:B190774202

Mr. Zagade Onkar Arjun

Exam No:B190774286

UNDER THE GUIDANCE OF

Prof.S.B.Hiranwale



**Department of Computer Engineering**

HSBPVT'S FACULTY OF ENGINEERING KASHTI-414701

[2023-24]





HSBPVT'S GOI FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

CERTIFICATE

This is to certify that project

Report Entitled

"AUTO GENERATE TEST CASES  
SYSTEM "

Submitted By

Mr. Yadav Sanket Pratap

Exam No:B190774285

Mr. Kamble Rushikesh Kisan

Exam No:B190774264

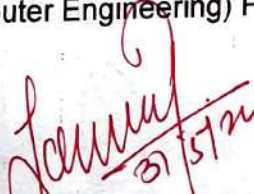
Mr. Bankar Mayur Dada

Exam No:B190774202

Mr. Zagade Onkar Arjun

Exam No:B190774286

is a bonafide work carried out by students under the supervision of Prof.S.B.Hiranwale  
and it is submitted towards the fulfillment of the requirement of Bachelor of Engineering  
(Computer Engineering) Project.

  
(Prof. S.B.Hiranwale)

Internal Guide

Department Of Computer Engineering

  
31/5/24

Prof.S.B.Hiranwale

Head Of

Department of Computer Engineering

HOD  
Computer Department  
HSBPVT's GOI Faculty of Engineering  
Kashit, Tal. Sirgonda, Dist. Ahmednagar

  
External





(Dr.V.N.Patil)

Principal,

HSBPVT's GOI Faculty Of Engineering

SAVITRIBAI PHULE PUNE UNIVERSITY

A PROJECT REPORT

ON

**“BIOGPT-THE CHATGPT OF LIFE SCIENCES “**

SUBMITTED TOWARDS THE

PARTIAL FULFILLMENT OF THE REQUIREMENTS

OF



**BACHELOR OF ENGINEERING**

(Computer Engineering)

SUBMITTED BY

Shelar Aniket Dattatray

Exam seat no: B190774269

Kowe Ankit Parshuram

Exam seat no: B190774287

UNDER THE GUIDANCE OF

Prof.Hiranwale.S.B



**Department of Computer Engineering**

HSBPVT'S FACULTY OF ENGINEERING KASHTI-414701

[2023-24]





HSBPVT'S GOI FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

### CERTIFICATE

This is to certify that project

Report Entitled

“BIOGPT-THE CHATGPT OF LIFE SCIENCES “

Submitted By

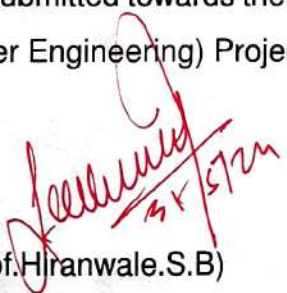
Shelar Aniket Dattatray

Exam seat no: B190774269

Kowe Ankit Parshuram

Exam seat no: B190774287

is a bonafide work carried out by students under the supervision of Prof.Hiranwale.S.B and it is submitted towards the fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) Project.

  
(Prof.Hiranwale.S.B)

Internal Guide

  
Prof.Hiranwale.S.B

HOD

Department of Computer Engineering

Dept of Computer Engineering  
Computer Department  
HSBPVT Trust's GOI Faculty of Engineering  
Kashti, Surigonda, Dist.Ahmednagar

  
External



  
(Dr.V.N.Patil)

Principal,

HSBPVT's GOI Faculty of Engineering

**SAVITRIBAI PHULE PUNE UNIVERSITY**

**A PROJECT REPORT**

**ON**

**"GATE Master Ed-Tech Platform"**

SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS OF



**BACHELOR OF ENGINEERING**

(Computer Engineering)

**SUBMITTED BY**

Mr. Jagtap Prashant Kantilal

Exam Seat No: B190774226

Mr. Machale Sham Ashok

Exam Seat No: B190774240

Mr. Bhoite Shubham Rama

Exam Seat No: B190774204

Mr. Mane Shubham Balu

Exam Seat No: B190774241

**Under The Guidance of**

**Prof. Gunaware N.G.**



**DEPARTMENT OF COMPUTER  
ENGINEERING**

H.S.B.P.V.T's FACULTY OF ENGINEERING KASHTI-414701





**H.S.B.P.V.T's GOI College Of Engineering**  
**DEPARTMENT OF COMPUTER ENGINEERING**

## **CERTIFICATE**

This is to certify that Project Report Entitled

**“GATE Master Ed-Tech Platform”**

Submitted By

Jagtap Prashant Kantilal

Exam Seat No.: B190774226

Machale Sham Ashok

Exam Seat No.: B190774240

Bhoite Shubham Rama

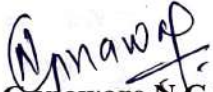
Exam Seat No: B190774204

Mane Shubham Balu

Exam Seat No: B190774241

Who are bonafide students of this institute and the work has been carried out by them under the supervision of **Prof. Gunaware N.G** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering** (Computer Engineering).

This project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

  
(Prof. Gunaware N.G.)

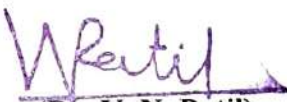
Internal Guide  
Department of Computer Engineering

  
(Prof. H. Kanawale S.B.)

HOD  
Computer Department  
HSBPVT's GOI Faculty of Engineering  
Department of Computer Engineering  
Kashti, Tal. Shrigonda, Dist. Ahmednagar

  
External Guide:



  
(Dr. V. N. Patil)  
Principal, HSBPVT's  
GOI COE, Kashti

Place: Kashti.

Date:...../...../2024

**SAVITRIBAI PHULE PUNE UNIVERSITY**

**PROJECT REPORT ON**

**“Question Paper Checking Using Generative AI”**



**SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS OF**

**BACHELOR OF ENGINEERING (Computer Engineering)**

**BY**

Mr. Divekar Nikhil Vilas

PRN No:72210957B

Ms. Kakade Komal Kisan

PRN No:72155653B

Mr. Karale Sumit Dnyandev

PRN No:72210970K

Ms. Pandarkar Sakshi Sunil

PRN No:72210976J

**Under The Guidance of**

Prof. Bhosale Swati S.



**DEPARTMENT OF COMPUTER ENGINEERING**

**HSBPVT's GoI FACULTY OF ENGINEERING , KASHTI-414701**





**HSBPVT's GOI FACULTY OF ENGINEERING ,KASHTI-414701  
DEPARTMENT OF COMPUTER ENGINEERING**

**CERTIFICATE**

This is to certify that the Project Entitled  
**"Question Paper Checking Using Generative AI"**

Submitted by

Mr. Divekar Nikhil Vilas	PRN No:72210957B
Ms. Kakade Komal Kisan	PRN No:72155653B
Mr. Karale Sumit Dnyandev	PRN No:72210970K
Ms. Pandarkar Sakshi Sunil	PRN No:72210976J

is a bonafide work carried out by Students under the supervision of Prof. Bhosale Swati S. and it is submitted towards the partial fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) Project.

Prof. S. S. Bhosale  
Internal Guide  
Dept. of Computer Engg.

Prof. S. B. Hiranwale  
H.O.D  
Dept. of Computer Engg.

**HOD**  
Computer Department  
HSBPVT's GOI Faculty of Engineering  
Kashti, Sangonda, Dist. Ahmednagar

Dr. V.N. Patil  
Principal

External



SAVITRIBAI PHULE PUNE UNIVERSITY  
A PROJECT REPORT  
ON

**”EV Charging Station Slot Booking System”**

SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
OF



**BACHELOR OF ENGINEERING**

(Computer Engineering)

SUBMITTED BY

MS. Unde Pratiksha Sanjay

Exam No:B190774282

MS. Salve Priya Chhgan

Exam No:B190774265

MS. Nikam Shubhangi Bhiva

Exam No:B190774246

MS. Ghegade Mayuri Chandrrakant

Exam No:B190774219

UNDER THE GUIDANCE OF

Prof.S.S.Bhosale



**Department of Computer Engineering**

HSBPVT'S FACULTY OF ENGINEERING KASHTI-414701

[2023-24]





HSBPVT'S GOI Faculty OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

Certificate  
THIS IS TO CERTIFY THAT PROJECT  
REPORT ENTITLED  
**"EV Charging Station Slot Booking System"**  
Submitted  
By

MS. Unde Pratiksha Sanjay

Exam No:B190774282

MS. Salve Priya Chhgan

Exam No:B190774265

MS. Nikam Shubhangi Bhiva

Exam No:B190774246

MS. Ghegade Mayuri Chandrakant

Exam No:B190774219

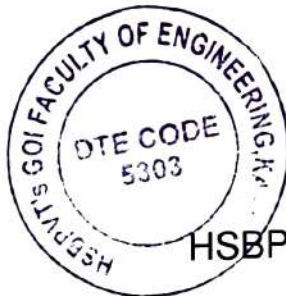
Is a bonafide work carried out by Students under the supervision of  
Prof. S. S. Bhosale and it is submitted towards the fulfillment of the  
requirement of Bachelor of Engineering (Computer Engineering)  
Project.

(Prof. S.S.Bhosale)  
Internal Guide

(Prof. S.B.Hirnawale)

H.O.D. Department  
HSBPVT's GOI Faculty of Engineering  
Kandhwa, Surigonda, Dist.Ahmednagar

External



(Dr.V.N.Patil)  
Principal,

HSBPVT's GOI Faculty Of Engineering

SAVITRIBAI PHULE PUNE UNIVERSITY

A PROJECT REPORT

ON

**Malicious Node Detection Using Machine Learning and Distributed Data Storage  
Using Blockchain in WSNs**

SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS

OF



**BACHELOR OF ENGINEERING**

(Computer Engineering)

SUBMITTED BY

Mr. Akash Sanjay Pawar      Exam No: B190774258

Mr. Shendage Prashant Sanjay      Exam No: B190774271

Mr. Omkar Namdev Ladkat      Exam No: B190774237

Mr. Tejas Vinod Jadhav      Exam No: B190774225

UNDER THE GUIDANCE OF

Prof. Suryavanshi A.P



**Department of Computer Engineering**

HSBPVT'S FACULTY OF ENGINEERING KASHTI-414701

[2023-24]





HSBPVT'S GOI FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

### CERTIFICATE

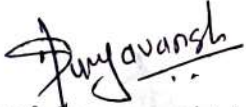
This is to certify that project  
Report Entitled

### Malicious Node Detection Using Machine Learning and Distributed Data Storage Using Blockchain in WSNs

Submitted By

Mr. Akash Sanjay Pawar	Exam No: B190774258
Mr. Shendage Prashant Sanjay	Exam No: B190774271
Mr. Omkar Namdev Ladkat	Exam No: B190774237
Mr. Tejas Vinod Jadhav	Exam No: B190774225

is a bonafide work carried out by students under the supervision of Prof. Suryavanshi A.P and it is submitted towards the fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) Project.

  
(Prof. Suryavanshi A.P)  
Internal Guide

Department of Computer Engineering



  
Prof. S. HOD  
Computer Department  
Head Of Department Of  
HSBPVT's GOI Faculty of Engineering  
Kashinagar, Solapur, Dist. Ahmednagar

  
External

  
(Dr.V.N.Patil)

Principal,

HSBPVT's GOI Faculty Of Engineering

SAVITRIBAI PHULE PUNE UNIVERSITY  
A PROJECT REPORT  
ON

**"Detecting phishing website using machine learning"**

SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
OF



**BACHELOR OF ENGINEERING**

(Computer Engineering)

SUBMITTED BY

MS. Lokhande Gayatri Digambar	Exam No:B190774238
MS. Pathare Ujjwala Balasaheb	Exam No:B190774255
MS. Machale Manjushri Suresh	Exam No:B190774239
MS. Gunjal Kajal Dattatraya	Exam No:B190774222

UNDER THE GUIDANCE OF

Prof.N.G.Gunaware



**Department of Computer Engineering**

HSBPVT'S FACULTY OF ENGINEERING KASHTI-414701

[2023-24]





HSBPVT'S GOI FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

CERTIFICATE

This is to certify that project  
Report Entitled

**"DETECTING PHISHING WEBSITE USING MACHINE LEARNING"**

Submitted By

MS. Lokhande Gayatri Digambar

Exam No:B190774238

MS. Pathare Ujjwala Balasaheb

Exam No:B190774255

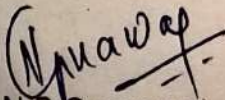
MS. Machale Manjushri Suresh

Exam No:B190774239

MS. Gunjal Kajal Dattatraya

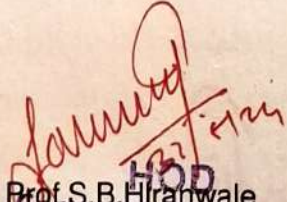
Exam No:B190774222

is a bonafide work carried out by students under the supervision of Prof. N.G.Gunaware and it is submitted towards the fulfillment of the requirement of the Bachelor of Engineering (Computer Engineering) Project.

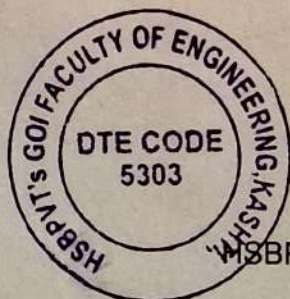
  
(Prof. N.G.Gunaware)

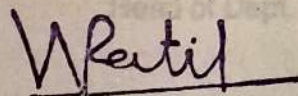
Internal Guide

Department Of Computer Engineering

  
Prof. S.B. Hiranwale  
Computer Department  
HSBPVT's Trust, Faculty of Engineering  
Kashturba, Kashturba, Dist. Ahmednagar  
Department of Computer Engineering

  
External



  
(Dr.V.N.Patil)

Principal,

HSBPVT's GoI Faculty Of Engineering

SAVITRIBAI PHULE PUNE UNIVERSITY

A PROJECT REPORT

ON

**DETECTION AND IDENTIFICATION OF PILLS USING MACHINE  
LEARNING**

SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS

OF



**BACHELOR OF ENGINEERING**

(Computer Engineering)

SUBMITTED BY

MS.MUTHAL AMRUTA BALASAHEB

EXAM NO: B190774244

MS.BODAKHE SAKSHI RAJESH

EXAM NO:B190774207

MS.BHOSALE SAKSHI SANJAY

EXAM NO:B190774205

MR.BORKAR ROHAN RAMDAS

EXAM NO : B190774208

UNDER THE GUIDANCE OF

Prof.J.I.Sayyed



**Department of Computer Engineering**

HSBPVT'S FACULTY OF ENGINEERING KASHTI-414701

[2023-24]





HSBPVT'S GoI FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

### CERTIFICATE

This is to certify that project  
Report Entitled

**DETECTION AND IDENTIFICATION OF PILLS USING MACHINE**

**LEARNING**

Submitted By

MS. MUTHAL AMRUTA BALASAHEB

EXAM NO: B190774244

MS. BODAKHE SAKSHI RAJESH

EXAM NO: B190774207

MS. BHOSALE SAKSHI SANJAY

EXAM NO: B190774205

MR. BORKAR ROHAN RAMDAS

EXAM NO : B190774208

is a bonafide work carried out by students under the supervision of Prof. J.I. Sayyed and it is submitted towards the fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) Project.

(Prof. J.I. Sayyed)

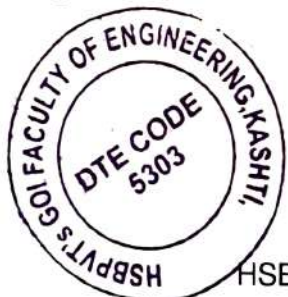
Internal Guide

Department Of Computer Engineering

Prof. S.B. Hirani

Computer Department  
Head Of  
HSBPVT's GoI Faculty of Engineering  
Department of Computer Engineering

External



(Dr. V.N. Patil)

Principal,

HSBPVT's GoI Faculty Of Engineering

**Savitribai Phule Pune University**



**A FINAL PROJECT REPORT**

**ON**

**Smart Glasses with Blind Assistance System:**

**“Real-Time Object Detection with Voice Alerts”**

**SUBMITTED IN THE PARTIAL FULFILLMENT OF THE REQUIREMENTS**

**FOR THE AWARDED OF THE**

**DEGREE OF**

**BACHELOR OF ENGINEERING**

**(COMPUTER ENGINEERING)**

**SUBMITTED BY**

Jadhav Soham Ganesh

Seat No –B190774224

Dange Asmita Chandrakant

Seat No –B190774210

Walke Shivam Ramesh

Seat No –B190774284

Bhujbal Bhavesh Gangadhar

Seat No –B190774206

**Under The Guidance of**

Prof.Gunaware N.G.



**parikrama**

Revolution in Education

**DEPARTMENT OF COMPUTER ENGINEERING**

**HSBPVT'S GOI, FACULTY OF ENGINEERING, KASHTI**

**SAVITRIBAI PHULE PUNE UNIVERSITY**

**A.Y. 2023-24**





## CERTIFICATE

This is to certify that the project report entitles.

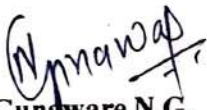
### “Smart Glasses with Blind Assistance System:

“Real-Time Object Detection with Voice Alerts”

Submitted by

Jadhav Soham Ganesh	Seat No –B190774224
Dange Asmita Chandrakant	Seat No –B190774210
Walke Shivam Ramesh	Seat No –B190774284
Bhujbal Bhavesh Gangadhar	Seat No –B190774206

Is a bonafide student at this institute and the work has been carried out by him/her under the supervision of **Prof.Gunaware N.G.** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering** (Computer Engineering) in the academic year 2023-24.

  
**Prof.Gunaware N.G.**  
Internal Guide  
Dept. of Computer Engineering.



  
**Prof. Hiranwale S.B.**  
**HOD**  
Computer Department  
Dept. of Computer Engineering  
HSBPVT's GOI Faculty of Engineering  
Kashti, Tal. Shirigonda, Dist. Ahmednagar

Prof.

  
External

  
Principal

SAVITRIBAI PHULE PUNE UNIVERSITY  
A PROJECT REPORT ON  
**“NEURAL STYLE TRANSFER”**  
SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS OF



**BACHELOR OF ENGINEERING**  
COMPUTER ENGINEERING

SUBMITTED BY

MS. DHAVADE SARIKA GORAKH

PRN NO:72155645M

MS. GAWALI AKANKSHA KUNDLIK

PRN NO:72155648F

MS. JATHAR PALLAVI RAMESH

PRN NO:72155652D

MS. KHAMKAR SNEHAL BHAUSAHEB

PRN NO:72155656G

UNDER THE GUIDANCE OF  
PROF.S.S.BHOSALE



**DEPARTMENT OF COMPUTER ENGINEERING**

HSBPVT's GoI FACULTY OF ENGINEERING KASHTI-414701

[2023-24]





HSBPVT'S GOI FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

CERTIFICATE

This is to certify that project

Report Entitled

“Neural Style Transfer”

Submitted By

Ms. Dhavade Sarika Gorakh

PRN No:72155645M

Ms. Gawali Akanksha Kundlik

PRN No:72155648F

Ms. Jathar Pallavi Ramesh

PRN No:72155652D

Ms. Khamkar Snehal Bhausaheb

PRN No:72155656G

is a bonafide work carried out by students under the supervision of Prof. S. S. Bhosale and it is submitted towards the fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) Project.

Prof. S.S. Bhosale

Internal Guide

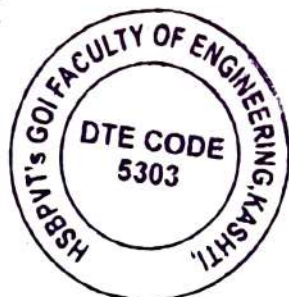
Department Of Computer Engineering

Prof. S.B. Hiranwale

Head of

Department of Computer Engineering  
HSBPVT's Gol Faculty of Engineering  
Kashti, Tal. Nurgonda, Dist. Ahmednagar

External



Dr. V.N. Patil

Principal,

HSBPVT's Gol Faculty Of Engineering

SAVITRIBAI PHULE PUNE UNIVERSITY

A PROJECT REPORT

ON

**“A BLOCKCHAIN BASED DECENTRALIZED TRANSACTION  
SETTLEMENT SYSTEM IN BANKING SECTOR”**

SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS OF

**BACHELOR OF ENGINEERING**

(Computer Engineering)

**SUBMITTED BY**

Rahinj Pratiksha Yuvraj

PRN No: 72155680K

Supekar Vaibhav Nandkumar

PRN No: 72210989L

Shirke Vaishnavi Arvind

PRN No: 72210986F

Udamale Dipak Hanumant

PRN No: 72210992L

**Under The Guidance of  
Prof. Suryawanshi A. P.**



**DEPARTMENT OF COMPUTER  
ENGINEERING**

H.S.B.P.V.T's GOI FACULTY OF ENGINEERINGKASHTI-414701





**H.S.B.P.V.T's GOI Faculty Of Engineering**

**DEPARTMENT OF COMPUTER ENGINEERING**

## **CERTIFICATE**

This is to certify that Project Report Entitled

### **"A BLOCKCHAIN BASED DECENTRALIZED TRANSACTION SETTLEMENT SYSTEM IN BANKING SECTOR"**

Submitted By

Rahinj Pratiksha Yuvraj	PRN: 72155680K
Supekar Vaibhav Nandkumar	PRN: 72210989L
Shirke Vaishnavi Arvind	PRN: 72210986F
Udamale Dipak Hanumant	PRN: 72210992L

are bonafide students of this institute and the work has been carried out by them under the supervision of **Prof. Suryawanshi . A. P** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering** (Computer Engineering).

This project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

  
**(Prof. Suryawanshi . A. P.)**

Internal Guide  
Department of Computer Engineering

  
**(Prof. Hiranawale S.B.)**

HOD  
Department of Computer Engineering  
HSBPV Trust's GOI Faculty of Engineering  
Kashid, Sririgonda, Dist. Ahmednagar

  
External Guide:

Place:.

Date: / /2024

**SAVITRIBAI PHULE PUNE UNIVERSITY**



**A PRELIMINARY PROJECT REPORT ON**

**Terrorist Activities Detection Using Machine Learning**

**SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS OF  
BACHELOR OF ENGINEERING (Computer Engineering)**

**BY**

GADE PRITI MACHHINDRA	Seat no : B190774213
SHINARE SAKSHI SAMPAT	Seat no : B190774272
JADHAV MRUNAL RAMDAS	Seat no : B190774223
TODMAL RUTUJA ASHOK	Seat no : B190774280

**Under The Guidance of**

Prof.Hiranwale.S.B



**DEPARTMENT OF COMPUTER ENGINEERING  
H.S.B.P.V.T's COLLEGE OF ENGINEERING  
KASHTI-414701**

**2023-2024**





**DEPARTMENT OF COMPUTER ENGINEERING**

**H.S.B.P.V.T's COLLEGE OF ENGINEERING**

**KASHTI-414701**

**CERTIFICATE**

This is to certify that the Project Entitled

**Terrorist Activities Detection Using Machine Learning**

Submitted by

GADE PRITI MAHHINDRA

Seat No : B190774213

SHINARE SAKSHI SAMPAT

Seat No : B190774271

JADHAV MRUNAL RAMDAS

Seat No : B190774213

TODMAL RUTUJA ASHOK

Seat No : B190774280

is a bonafide work carried out by Students under the supervision of Prof. Hiranwale.S.B and it is submitted towards the partial fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) in the academic year 2023-2024.

  
Prof.Hiranwale S.B.

Internal Guide

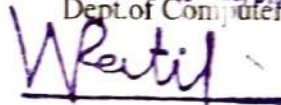
Dept.Of Computer Engg.

  
External



  
Prof.Hiranwale S.B.

Computer Department  
H.S.B.P.V. Trust's H.C.E. Faculty of Engineering  
Kashti, Tal. A. Nargonda, Dist. Ahmednagar  
Dept. of Computer Engg.



Dr.V.N.Patil

Principal

Dept.of Computer Engg.

**SAVITRIBAI PHULE PUNE UNIVERSITY**



**A PRELIMINARY PROJECT REPORT ON**

**“Chat with Documents using Large Language Model (LLM)”**

SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS OF

**BACHELOR OF ENGINEERING (Computer Engineering)**

**BY**

Mr. Arjun Anil Kadam

PRN No: 72210967K

Ms. Simran Sikandar Pathan

PRN No: 72155676M

Mr. Vaibhav Vasant Pandarkar

PRN No: 72210977G

Ms. Vaishnavi Somnath Raykar

PRN No: 72155682F

**Under The Guidance of**

Prof. Bhosale Swati S.



**DEPARTMENT OF COMPUTER ENGINEERING  
H.S.B.P.V. T's GOI FACULTY OF ENGINEERING , KASHTI-414701**





**H.S.B.P.V. T's GOI FACULTY OF ENGINEERING ,KASHTI-414701  
DEPARTMENT OF COMPUTER ENGINEERING**

**CERTIFICATE**

This is to certify that the Project Entitled  
**“Chat with Documents using Large Language Model (LLM)”**

Submitted by

Mr. Arjun Anil Kadam

PRN No: 72210967K

Ms. Simran Sikandar Pathan

PRN No: 72155676M

Mr. Vaibhav Vasant Pandarkar

PRN No: 72210977G

Ms. Vaishnavi Somnath Raykar

PRN No: 72155682F

is a bonafide work carried out by Students under the supervision of Prof. Bhosale Swati S. and it is submitted towards the partial fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) Project.

Prof. S. S. Bhosale  
Internal Guide  
Dept. of Computer Engg.

Prof. S. B. Hiranwale  
**HOD**  
Computer Department  
Dept. of Computer Engg.  
HSBPV Trust's GOI Faculty of Engineering  
Kashti, Sririgonda, Dist. Ahmednagar

External



Dr. V.N. Patil  
Principal

**SAVITRIBAI PHULE PUNE UNIVERSITY**



**A PROJECT REPORT ON**  
**SMART IRRIGATION ROBOT**  
SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS OF  
**BACHELOR OF ENGINEERING (Computer Engineering)**

**BY**

GHODKE SHRUSHTI PRAKASH	Seat No B190774220
GODSE SMITA MANIK	Seat No B190774221
SAPRE NEHA RAVINDRA	Seat No B190774268
JADHAV SHITAL RAMESH	Seat No B190774274

**Under The Guidance of**

Prof.Hiranwale.S.B



**DEPARTMENT OF COMPUTER ENGINEERING**  
**H.S.B.P.V.T's COLLEGE OF ENGINEERING**  
**KASHTI-414701**

**2023-2024**





**DEPARTMENT OF COMPUTER ENGINEERING**

**H.S.B.P.V.T's COLLEGE OF ENGINEERING**

**KASHTI-414701**

**CERTIFICATE**

This is to certify that the Project Entitled

**SMART IRRIGATION ROBOT**

Submitted by

GHODKE SHRUSHTI PRAKASH

Seat No B190774220

GODSE SMITA MANIK

Seat No B190774221

SAPRE NEHA RAVINDRA

Seat No B190774268

JADHAV SHITAL RAMESH

Seat No B190774274

is a bonafide work carried out by Students under the supervision of Prof. Hiranwale.S.B and it is submitted towards the partial fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) in the academic year 2023-2024

  
Prof.Hiranwale.S.B  
Internal Guide

Dept. of Computer Engg.

  
Hiranwale.S.B  
Computer Department

H.S.B.P.V.T's Coll. Faculty of Engineering  
Dept. of Computer Engg.  
Kashti, Surigonda, Dist.Ahmednagar

  
External



  
Dr.V.N.Patil  
Principal

Dept. of Computer Engg.

SAVITRIBAI PHULE PUNE UNIVERSITY  
A PROJECT REPORT  
ON  
**"CROP RECOMMENDATION SYSTEM USING MACHINE  
LEARNING"**

SUBMITTED TOWARDS THE  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
OF



**BACHELOR OF ENGINEERING**

(Computer Engineering)

SUBMITTED BY

MS. Gandhale Pradnya Tatyaso	Exam No: B190774216
MS. Gawali Sayali Nandu	Exam No: B190774218
MS. Tikole Snehal Santosh	Exam No: B190774279
MS. Jangale Neha Bhaskar	Exam No: B190774227

UNDER THE GUIDANCE OF

Prof. Sayyed J.I



**Department of Computer Engineering**

HSBPVT'S FACULTY OF ENGINEERING KASHTI-414701

[2023-24]





HSBPVT'S GOI FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

CERTIFICATE

This is to certify that project

Report Entitled

"CROP RECOMMENDATION SYSTEM USING MACHINE LEARNING"

Submitted By

MS. Gandhale Pradnya Tatyaso

Exam No:B190774216

MS. Gawali Sayali Nandu

Exam No:B190774218

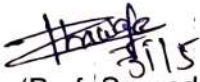
MS. Tikole Snehal Santosh

Exam No:B190774279

MS. Jangale Neha Bhaskar

Exam No:B190774227

is a bonafide work carried out by students under the supervision of Prof. Sayyed J.I and it is submitted towards the fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) Project.

  
(Prof. Sayyed J.I)

Internal Guide

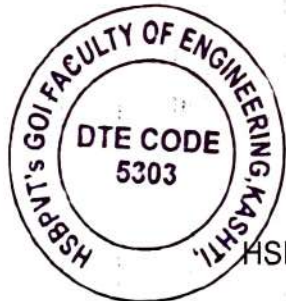
Department Of Computer Engineering

  
(Prof. Hiranwale S.B)

HOD  
Head Of Department

HSBPVT's GOI Faculty of Engineering  
Department of Computer Engineering  
Kashu, Tal. Sirigonda, Dist. Ahmednagar

  
External



  
(Dr. Patil V.N)

Principal,

HSBPVT's Gol Faculty Of Engineering

SAVITRIBAI PHULE PUNE UNIVERSITY

A PROJECT REPORT

ON

**"BLOCKCHAIN FOR WASTE MANAGEMENT IN SMART CITIES"**

SUBMITTED TOWARDS THE

PARTIAL FULFILLMENT OF THE REQUIREMENTS

OF



**BACHELOR OF ENGINEERING**

(Computer Engineering)

SUBMITTED BY

MS. Tikkal Rajnandini Sharad

Exam No:B190774261

Mr. Gaikwad Vaibhav Babasaheb

Exam No:B190774215

Mr. Kopnar Shantilal Pivraj

Exam No:B190774235

Mr. Nikam Mahesh Deoman

Exam No:B190774245

UNDER THE GUIDANCE OF

Prof. Suryvanshi A.P.



**Department of Computer Engineering**

HSBPVT'S FACULTY OF ENGINEERING KASHTI-414701

[2023-24]





HSBPVT'S Gol FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

### CERTIFICATE

This is to certify that project  
Report Entitled

"BLOCKCHAIN FOR WASTE MANAGEMENT IN SMART CITIES"

Submitted By

MS. Tikkal Rajnandini Sharad

Exam No:B190774261

Mr. Gaikwad Vaibhav Babasaheb

Exam No:B190774215

Mr. Kopnar Shantilal Pivraj

Exam No:B190774235

Mr. Nikam Mahesh Deoman

Exam No:B190774245

is a bonafide work carried out by students under the supervision of Prof. Suryvan-  
shi A.P. and it is submitted towards the fulfillment of the requirement of Bachelor of  
Engineering (Computer Engineering) Project.

(Prof. Suryvanshi A.P.)

Internal Guide

Department Of Computer Engineering

Prof.S.B.Hiranwale

Head **HOD**

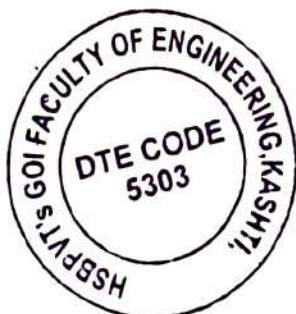
Computer Department  
Department of Computer Engineering  
HSBPVT Trust & Co. Ltd. Computer Engineering  
Kashti, ix. Srigonda, Dist. Ahmednagar

External

(Dr. V.N. Patil)

Principal,

HSBPVT's Gol Faculty Of Engineering



SAVITRIBAI PHULE PUNE UNIVERSITY

A PROJECT REPORT

ON

**"Local Shop Finder"**

SUBMITTED TOWARDS THE

PARTIAL FULFILLMENT OF THE REQUIREMENTS

OF



**BACHELOR OF ENGINEERING**

(Computer Engineering)

SUBMITTED BY

Mr. More Mayur Shiriram

Exam No: B190774243

MS. Kalane Bhagyashri Bandu

Exam No: B190774232

MS. Muthal Sarika Gokuldas

Exam No: B190774201

Mr. Jagtap Shrikant Rajendra

Exam No: B190774275

UNDER THE GUIDANCE OF

Prof. Sayyed J.I



**Department of Computer Engineering**

HSBPVT'S FACULTY OF ENGINEERING KASHTI-414701

[2023-24]





HSBPVT'S Gol FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

CERTIFICATE

This is to certify that project  
Report Entitled  
"Local Shop Finder"  
Submitted By

MR. More Mayur Shriram

Exam No:B190774243

MS. Kalane Bhagyashri Bandu

Exam No:B190774232

MS. Muthal Sarika Gokuldas

Exam No:B190774201

MR. Jagtap Shrikant Rajendra

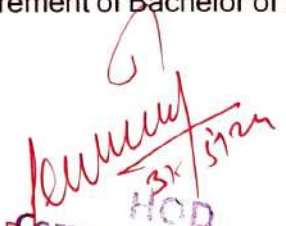
Exam No:B190774275

is a bonafide work carried out by students under the supervision of Prof. Sayyed J.I and it is submitted towards the fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) Project.

  
(Prof. Sayyed J.I)

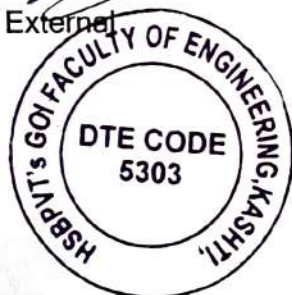
Internal Guide


Department Of Computer Engineering

  
HOD  
Computer Department  
HSBPVT's Gol Faculty of Engineering  
Kashit. In. Road, Dist. Ahmednagar

Department of Computer Engineering

  
External



  
(Dr.V.N.Patil)

Principal,

HSBPVT's Gol Faculty Of Engineering