



# IMS Engineering College, Ghaziabad

(Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh & Approved by AICTE, New Delhi)

NH-09, Adhyatmik Nagar, Near Dasna, Dist: Ghaziabad, Uttar Pradesh Website: <https://www.imsec.ac.in>

## **SUPPORTING DOCUMENTS** **AQAR: 2023-24**

1.3.2	<p><b>Number of courses that include experiential learning through project work/field work/internship during the year</b></p> <p><b>Attachment: -Supporting Document</b></p>
-------	--

# IMS Engineering College, Ghaziabad



## CSE DASHBOARD

on

**Subject Name: Mini project**

**Subject Code:KCS-554**

**COURSE: B-Tech (CSE)**

**SEMESTER: V**

**Submitted By:**

Tanisha Sharma (2101430100183)

Yashika Pandey (2101430100204)

Sakshi Priya (2101430100153)

Bhumika Kaushik (2101430100052)

Mahak (2101430100098)

**Supervisor:**

Dr. Deepti Aggarwal

Professor

CSE Department

**Department of Computer Science and Engineering**

**IMS ENGINEERING COLLEGE**

**NH-09, Adhyatmik Nagar, Ghaziabad-201015**

**(2023-24)**

## DECLARATION

*We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.*

Signature: Tsharna  
Name : Tanisha Sharma  
Roll No: 2101430100183  
Date : 12/12/2023

Signature: Yashika Pandey  
Name : Yashika Pandey  
Roll No: 2101430100204  
Date : 12/12/2023

Signature: Sakshi Priya  
Name : Sakshi Priya  
Roll No: 2101430100153  
Date : 12/12/2023

Signature: Bhumika Kaushik  
Name : Bhumika Kaushik  
Roll No: 2101430100052  
Date : 12/12/2023

Signature: Mahak  
Name : Mahak  
Roll No: 2101430100098  
Date : 12/12/2023

## **CERTIFICATE**

This is to certify that Mini Project Report entitled "**CSE DASHBOARD**" which is submitted by **Tanisha Sharma, Yashika Pandey, Sakshi Priya, Bhumika Kaushik** and **Mahak** in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science and Engineering of Dr. APJ Abdul Kalam Technical University, Uttar Pradesh, Lucknow is a record of the candidates own work carried out by them under my supervision. The matter embodied in this report is original and has not been submitted for the award of any other degree.

  
Supervisor : **Dr. Deepti Aggarwal**  
Date : 12/12/2023

# Sentiment Analysis Through Voice

*A*  
*Project Report (KCS753)*  
*submitted*  
*in partial fulfillment*  
*for the award of the Degree of*  
*Bachelor of Technology*  
*in the Department of Computer Science & Engineering*



**Submitted To:**

Ms. Vaishali Bhargava  
Assistant Professor  
CSE Department  
IMSEC, Ghaziabad

**Submitted By:**

Naman Rajput (2001430100133)  
Prakhar Tiwari (2001430100155)  
Navika Kaushik (2001430100135)  
Kajol (2101430109006)  
Nityanand Upadhyay(2001430100139)  
CSE-3 (4th Year)

**Department of Computer Science & Engineering**  
**IMS Engineering College, Ghaziabad (UP)**  
**Dr. A. P. J. Abdul Kalam Technical University, Lucknow,**  
**Uttar Pradesh**  
**December 2023**

## Candidate's Declaration

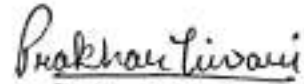
I hereby declare that the work, which is being presented in the Project, titled "Sentiment Analysis using through Voice" in partial fulfillment for the award of Degree of "Bachelor of Technology" in the Department of Computer Science & Engineering, and submitted to the Department of Computer Science & Engineering, IMS Engineering College, Ghaziabad, affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh is a record of my own investigations carried under the Guidance of Ms. Vaishali Bhargava, Assistant Professor, IMS Engineering College, Ghaziabad.

I have not submitted the matter presented in this Project anywhere for the award of any other Degree.



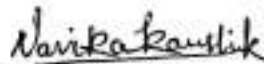
Naman Rajput

2001430100133



Prakhar Tiwari

2001430100155



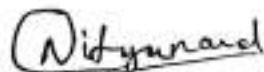
Navika Kaushik

2001430100135



Kajol

2101430109006



Nityanand Upadhyay

2001430100139

## CERTIFICATE

This is certified that the Project titled "Sentiment Analysis through voice" submitted by **Naman Rajput, Prakhar Tiwari, Navika Kaushik, Kajol, Nityanand Upadhyay** to **IMS Engineering College, Ghaziabad**, affiliated to **Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh** for the award of the Degree of Bachelor of Technology in Computer Science & Engineering is a record of bonafide work carried out by him/her/them under my supervision. In my opinion, the dissertation has reached the standards of fulfilling the requirements of the regulations of Degree.

*Vaishali*  
*22/12/23.*

**Ms. Vaishali Bhargava**

**CSE Department**

**IMS Engineering College, Ghaziabad**

Certificate No.: NIELIT/GKP/339/6945

Reg. No.: NIELIT/GKP/OL/B46/9933

# National Institute of Electronics & Information Technology

(An Autonomous Scientific Society of Ministry of Electronics & Information Technology, Govt. of India)



## Certificate

This is to certify that AMARTYA RAI

S/O MR. GIRISH CHAND RAI

has successfully completed

a course of 4 / 60 week(s) / hour(s) duration from 25.07.2023 to 24.08.2023

on WEB APPLICATION USING APACHE, PHP AND MYSQL

conducted by NIELIT GORAKHPUR (IN ONLINE MODE) with S grade.

**Curriculum of the Course :** Introduction to HTML, CSS Overview, JavaScript, PHP, MySql Database, Connectivity of MySql with PHP, Ajax

Program Coordinator

Date : 05.09.2023



Director / Executive Director



# IMS Engineering College, Ghaziabad



## Music Store Page

**Subject Name: Mini project**

**Subject Code: BCC-351**

**B.Tech – 3<sup>rd</sup> SEMESTER**

**by**

Gyanit Gupta (2201431650026)

Harish Kumar (2201431650027)

Chandrakant (2201431650018)

**Submitted to**

Ms Sonia Sharma

**Department of Computer Science & Design  
IMS ENGINEERING COLLEGE  
NH-09, Adhyatmik Nagar, Ghaziabad-201015  
(2023-24)**

## DECLARATION

We hereby declare that this submission is our work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.


**Signature :** *Gyanit Gupta*  
**Name :** Gyanit Gupta  
**Roll No :** 2201431650026  
**Date :** 30-01-2024

**Signature :** *Harish Kumar*  
**Name :** Harish Kumar  
**Roll No :** 2201431650027  
**Date :** 30-01-2024

**Signature :** *Chandrakant*  
**Name :** Chandrakant  
**Roll No :** 2201431650018  
**Date :** 30-01-2024

## CERTIFICATE

This is to certify that the Mini Project Report entitled "Music store page" which is submitted by ( Gyanit Gupta, Harish Kumar, Chandrakant ) in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science and Design of Dr. APJ Abdul Kalam Technical University, Uttar Pradesh, Lucknow is a record of the candidate's own work carried out by them under my supervision. The matter embodied in this report is original and has not been submitted for the award of any other degree.

  
Supervisor: Ms Sonia Sharma  
Date: 30-01-2024

# IMS Engineering College, Ghaziabad



## Mini Project : Future Agriculture

**Subject Name: Mini project**

**Subject Code: KCS-554**

**B.Tech 3<sup>rd</sup> Year - 5<sup>th</sup> SEMESTER**

**by**

**Ayush Srivastava (2101431650008)**

**Akshat Vaish (2101431650005)**

**Vansh Rathore (2101431650043)**

**Mehul Kumar (2101431650021)**

**Submitted**

**To**

**Dr. Sonia Juneja**

**Department of Computer Science**


**IMS ENGINEERING COLLEGE**


**NH-09, Adhyatmik Nagar, Ghaziabad-201015**

**(2023-24)**


## DECLARATION

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Signature:  -  
Name: Ayushi Srivastava  
Roll No: 2101430120008  
Date: 29/12/2023


Signature:  -  
Name: Akshat Vaish  
Roll No: 2101431650005  
Date: 29/12/2023

Signature:  -  
Name: Vansh Rathore  
Roll No: 2101431650043  
Date: 29/12/2023

Signature:  -  
Name: Mehul Kumar  
Roll No: 2101431650021  
Date: 29/12/2023

## CERTIFICATE

This is to certify that the Mini Project Report entitled "Future Agriculture" which is submitted by Ayush Srivastava, Akshat Vaish, Vansh Rathore and Mehul Kumar in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science & Design of Dr. APJ Abdul Kalam Technical University, Uttar Pradesh, Lucknow is a record of the candidate's own work carried out by him/her under my supervision. The matter embodied in this report is original and has not been submitted for the award of any other degree.

  
Supervisor: Dr. Sonia Jeneja

Date: 29/12/2023

# IMS Engineering College, Ghaziabad



## CAREER CONNECT

**Subject Name: Mini Project**

**Subject Code: KCS-554**

**B.Tech – 5<sup>th</sup> SEMESTER**

### **Submitted by:**

1. Vivek Chaudhary  
(2101431650046)
2. Nensi Varshney  
(2101431650023)
3. Vinit Gaur  
(2101431650045)
4. Nakul Dagur  
(2101431650022)


### **Submitted to:**


Ms. Bhanu Verma  
(Assistant Professor)


**Department of Computer Science and Design  
IMS ENGINEERING COLLEGE  
NH-09, Adhyatmik Nagar, Ghaziabad-201015  
(2023-24)**


## DECLARATION

We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Signature :   
Name : Vivek Chaudhary  
Roll No : 2101431650046  
Date : 23/12/23

Signature :   
Name : Nensi Varshney  
Roll No : 2101431650023  
Date : 23/12/23

Signature :   
Name : Vinit Gaur  
Roll No : 2101431650045  
Date : 23/12/23

Signature :   
Name : Nakul Dagur  
Roll No : 2101431650022  
Date : 23/12/23



## CERTIFICATE

This is to certify that the Mini Project Report entitled "CAREER CONNECT" which is submitted by VIVEK, NENSI, VINIT and NAKUL in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science of Dr. APJ Abdul Kalam Technical University, Uttar Pradesh, Lucknow is a record of the candidate's own work carried out by him/her under my supervision. The matter embodied in this report is original and has not been submitted for the award of any other degree.

  
Supervisor : Ms. Shashi Verma

Date : 23/12/23

**IMS Engineering College,  
Ghaziabad**



**AI Integrated Diet Planner Website**

**Subject Name: Mini project**

**Subject Code: BCC-351**

**COURSE: B. Tech (CS)**

**SEMESTER: III**

**Submitted By:**

Khushi Gautam (2201430120066)

Sudhanshu Kumar (2201430120118)

Abhishek Singh (2201430120006)

**Supervisor**

Ms. Bhanu Verma

CS Department,

IMSEC, Ghaziabad

**Department of Computer Science  
IMS ENGINEERING COLLEGE  
NH-09, Adhyatmik Nagar, Gzb.**

**(2023-24)**

## DECLARATION

We hereby declare that this submission is our work and that, to the best of my/our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Signature: Khushi  
Name: Khushi Gautam  
Roll No: 2201430120066  
Date: 29 January 2024

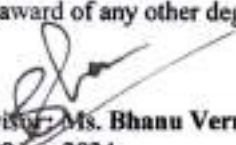
Signature: Sudhanshu Kumar  
Name: Sudhanshu Kumar  
Roll No: 2201430120118  
Date: 29 January 2024

Signature:  
Name: Abhishek Singh  
Roll No: 2201430120006  
Date: 29 January 2024

Abhishek Singh

## CERTIFICATE

This is to certify that the Mini Project Report entitled "DietAlchemy (Diet Planner)" which is submitted by Khushi Gautam, Sudhanshu Kumar and Abhishek Singh in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science of Dr. APJ Abdul Kalam Technical University, Uttar Pradesh, Lucknow is a record of the candidate's own work carried out by him/her under my supervision. The matter embodied in this report is original and has not been submitted for the award of any other degree.



Supervisor: Ms. Bhanu Verma (Asst. Prof.)  
Date: 29 Jan 2024

# IMS Engineering College, Ghaziabad



## GoFood – A Food delivery Website Using MERN

**SubjectName: Internship Assessment**

**SubjectCode: KCS-752**

**COURSE: B.Tech.**

**SEMESTER: 7th**

**Submitted By**

**Chance Gupta (2001430120027)**

**Submitted To**


**Ms. Bhanu Verma  
(Assistant Prof. CS)**

**Department of Computer Science  
IMS ENGINEERING COLLEGE  
NH-09, Adhyatmik Nagar, Ghaziabad-201015  
(2022-23)**

## **DECLARATION**

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Signature:



Name: Chance Gupta

Roll No: 2001430120027

Date : 26-12-2023

**TechnoFunnel**

MAKING LEARNING EASIER

# CERTIFICATE OF ACHIEVEMENT

This is to Certify that

Chance Gupta

student of

**IMS Engineering College, Ghaziabad**

has successfully completed (6 Weeks) Internship

on

**MERN STACK**

started from Monday, July 17, 2023 from

**TechnoFunnel**

This certificate was awarded by:

[Signature]

Director

[Signature]

Trainer

23.09.2023

Date

## CERTIFICATE

I hereby certify that the work which is being presented in the project report entitled "*THE COLLEGIUM*" by "Adarsh, Mudit & Rishabh's" in partial fulfillment of requirements for the award of degree of B.Tech. (CS) submitted in the Department of CS at "IMS Engineering College" under A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW is an authentic record of my own work carried out under the supervision of Dr. Monika Nagar(S).

Monika Nagar

Signature of the SUPERVISOR:

Date:





# WOMEN TRANSFORMATION PROGRAM

## CERTIFICATE OF RECOGNITION

This is to certify that

**TANISHA RAJ**

has successfully completed the Data Science and Big Data Analytics

with Grade A under Capgemini Women Transformation Program held

from 05 Jul 2023 to 25 Sep 2023 at IMS Engineering College, Ghaziabad, Uttar Pradesh

Authorized Signatory  
Capgemini

C.No: G-2023-G3320-0025 | Date: 25 Sep 2023

Srikanth V  
Chief Executive Officer (IT)  
ICT Academy

Valid till: April 31, 2024

# IMS Engineering College, Ghaziabad



## MINI PROJECT REPORT

**Subject Name: ECOMMERCE GYM WEBSITE**

**Subject Code: BCC-351**

**COURSE: B.Tech.**

**SEMESTER: 3<sup>rd</sup>**

**By**

Vishal Singh Chauhan (2201430130093)

Harsh Pratap Singh (2201430130026)

Dinesh Pratap Singh(2201430130022)

Devendra Chaudhary(2201430130018)

**Department of Information Technology IMS ENGINEERING COLLEGE**  
NH-09, Adhyatmik Nagar, Ghaziabad-201015 (2022-23)

*(Signature)*  
HOD  
IT Department  
IMS Engineering  
Ghaziabad

olleg

## CERTIFICATE

We hereby certify that the work which is being presented in the mini-project report entitled E-COMMERCE WEBSITE by "VISHAL SINGH CHAUHAN , HARSH PRATAP SINGH DINESH PRATAP SINGH, DEVENDRA CHAUDHARY" in partial fulfilment of requirements for the award of degree of B Tech. (IT), 2<sup>nd</sup> year, 3<sup>rd</sup> semester submitted in the Department of Information Technology at "IMS Engineering College" under A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW is an authentic record of my own work carried out under the supervision of DR. BALWANT SINGH.

*(supervisor signature with date)*

**Dr. BALWANT SINGH**  
**Project Supervisor**  
**Assistant Professor,**  
**Information**  
**Technology,**  
**IMSEC, GHAZIABAD**

# IMS Engineering College, Ghaziabad



## Mini Project Report

Session: 2023-24 (Odd Semester)

**Mini Project (Topic): SPOTIFY-CLONE**

**Subject Code: BCC351**

COURSE: B.Tech.

SEMESTER: 3<sup>rd</sup>

**By**

SHUBHAM GARG- (2201430130071)

RAHUL YADAV - (2201430130056)

SHIVAM SINGH SIDDHU-(2201430130069)

RAJAT SHARMA -(2201430130059)

**Department of Information Technology**  
**IMS ENGINEERING COLLEGE**  
NH-09, Adhyatmik Nagar, Ghaziabad-201015  
(2023-24)

*(D. S. Sharma)*  
HOD  
Department of Information Technology  
IMS Engineering College  
Ghaziabad

olleg

## CERTIFICATE

We hereby certify that the work which is being presented in the mini-project report entitled "SPOTIFY-CLONE" by "SHUBHAM GARG, RAJAT SHARMA, RAHUL YADAV,SHIVAM SINGH SIDDHU ".in partial fulfillment of requirements for the award of degree of B.Tech. (IT), 2<sup>nd</sup> year, III<sup>rd</sup> semester submitted in the **Department of Information Technology** at "IMS Engineering College" under A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW is an authentic record of my own work carried out under the supervision of **DR.BALWANT SINGH**.



*(supervisor signature with date)*

**DR. BALWANT SINGH**

**Project Supervisor,**

**Assistant Professor,**

**Information Technology,**

**IMSEC, Ghaziabad.**

IMS ENGINEERING COLLEGE, GHAZIABAD



**MINI PROJECT**

On

**Heart Disease Prediction**

**KIT-752**

Report submitted in partial fulfilment of the requirement

for award of Bachelor of Technology

Name: Aabis Raza ( 2001430130001 )

Name: Abhishek Singh ( 2001430130004 )

Name: Aniket Sharma( 2001430130011 )

Name: Deepak Singh ( 2001430130025 )

**Department of Information Technology**


**IMS ENGINEERING COLLEGE**

**NH-09, Adhyatmik Nagar, Ghaziabad-201015**

**(2023-24)**

## CERTIFICATE

We hereby certify that the work which is being presented in the mini-project report entitled "Heart Disease Prediction" by "Aabis Raza", "Abhishek Singh", "Aniket Sharma", "Deepak Singh" in partial fulfillment of requirements for the award of degree of B.Tech. (IT), 4<sup>th</sup> year, VII<sup>th</sup> semester submitted in the **Department of Information Technology** at "IMS Engineering College" under A.P.J, ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW is an authentic record of my own work carried out under the supervision of **Mr. Rupak Kumar**.

  
(supervisor signature with date)  
**Mr. Rupak Kumar**  
Project Supervisor,  
Assistant Professor,  
Information Technology,  
IMSEC, Ghaziabad.

  
(Dr. N. Singh)  
HOD  
IT Department  
IMS Engineering College  
Ghaziabad

**IMS Engineering College, Ghaziabad**



**Mini Project Report**

**Project Name: Smart Contact Manager**

**Project Code: KIT-752**

**Course: B.Tech.**

**SEMESTER: 7<sup>th</sup>**

**By**

**Mohd. Yaseen Khan (2001430130048)**

**Vineet Tiwari (2001430130081)**

**Department of Information Technology  
IMS ENGINEERING COLLEGE  
NH-09, Adhyatmik Nagar, Ghaziabad-201015  
(2023-24)**



## CERTIFICATE

We hereby certify that the work which is being presented in the mini-project report entitled "Smart Contact manager" by "Mohd Yaseen Khan", "Vineet Tiwari" in partial fulfillment of requirements for the award of degree of B.Tech. (IT), 3<sup>rd</sup> year, VII<sup>th</sup> semester submitted in the **Department of Information Technology** at "IMS Engineering College" under A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW is an authentic record of my own work carried out under the supervision of **Mr. Rupak Kumar**.



(supervisor signature with date)

**Mr. Rupak Kumar**  
Project Supervisor,  
Assistant Professor,  
Information Technology,  
IMSEC, Ghaziabad.



HOD  
IT Department  
IMS Engineering College  
Ghaziabad



# Training Completion Certificate

This is to certify that  
**UTSAV JAIN**  
 has successfully completed Six Weeks Training on  
 "Web Development Using React JS"

Mr. Anil Kumar Singh  
 Director

Started From  
 Monday, January 29, 2024

Mr. Vikas Kalra  
 Director





# Training Completion Certificate

This is to certify that  
**JATIN PAL**

has successfully completed Six Weeks Training on  
**"Web Development Using React JS"**

Mr. Anil Kumar Singh  
 Director

Started From  
 Monday, January 29, 2024

Mr. Vikas Kalra  
 Director





# Training Completion Certificate

This is to certify that  
**NIKHIL YADAV**

has successfully completed Six Weeks Training on  
 "Web Development Using React JS"

Mr. Anil Kumar Singh  
 Director

Started From  
 Monday, January 29, 2024

Mr. Vikas Kalra  
 Director





## *Department of Biotechnology*

Ref No.: IMSEC/DBT/Feb/2024/

Date: 06-02-2024

### Certificate

This is to certify that Mr. Akarsh Sharma (Roll number 2201430540003 ), Mr. Dibakar Sarkar (Roll number 2201430540005), Mr. Kshitij Tyagi (Roll number 2201430540014), Mr. Kartik Tyagi (Roll number 2201430540019), Ms. Parisha Gupta (Roll number 2201430540021), Ms. Pooja Rani (Roll number 2201430540024), Ms. Satakshi Chaturvedi (Roll number 2201430540035) and Ms. Tejaswani Tyagi (Roll number 2201430540040) of B. Tech. (Biotechnology) III semester have carried out a Mini project work on “*Production of secondary metabolites (of industrial importance) through plant cell culture methods*” under the supervision of Dr. Rabab Anjum (Assistant Professor), for the partial fulfilment of the award of the degree of Bachelor of Technology in Biotechnology at Department of Biotechnology, IMS Engineering College, Ghaziabad (affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow, INDIA). The above said Mini project is a bonafide record of work done by them during the session 2023-24 from 15-09-2023 to 06-02-2024.

**(Dr. Rabab Anjum)**

**Assistant Professor**

**Department of Biotechnology**

**(Dr. Ajay Kumar Sharma)**

**Professor & Head**

**Department of Biotechnology**



## *Department of Biotechnology*

Ref No.: IMSEC/DBT/Dec/2023/

Date: 28-12-2023

### Certificate

This is to Certify That Ms. Kriti Rana (Roll number 2101430540024), Mr. Piyush Singh (Roll number 2101430540029), Ms. Priya Mishra (Roll number 2101430540030), Ms. Shobhita Singh (Roll number 2101430540034) and Ms. Shubhanshi Pandey (Roll number 2101430540036) of B. Tech. (Biotechnology) V semester have carried out a Mini project work on “*Antimicrobial properties of ethanolic extracts of Ixora chinesis against different pathogens*” under my supervision for the partial fulfilment of the award of the degree of Bachelor of Technology in Biotechnology at Department of Biotechnology, IMS Engineering College, Ghaziabad (affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow, INDIA). The above said Mini project is a bonafide record of work done by them during the session 2023-24 from 15-09-2023 to 27-12-2023.

**(Dr. Ajay Kumar Sharma)**

**Professor & Head**

**Department of Biotechnology**

**A PROJECT REPORT**

**ON**

**“Exploration of Industrial Spice Biowaste to produce value added products with mathematical model-based optimization”.**

**Submitted for partial fulfilment for the award of**

**B. Tech degree in Biotechnology**

**SUBMITTED BY: -**

<b>MD. DANISH</b>	<b>2001430540019</b>
<b>MONIKA ANAND</b>	<b>2001430540020</b>
<b>NITAM KUMARI</b>	<b>2001430540025</b>
<b>PRACHI SINGH</b>	<b>2001430540026</b>

**Under the supervision of**

**Dr. SIDDHARTH VATS, Ph.D.**

**(ASSOCIATE PROFESSOR)**

**Department of Biotechnology**



**IMS ENGINEERING COLLEGE, GHAZIABAD**

**Affiliated to**

**Dr. A.P.J. Abdul Kalam Technical University**

**Lucknow**

**(2023-2024)**

## DECLARATION

I hereby declare that the work, which is being presented in the project, entitled "Exploration of Industrial Biowaste to produce value added products with mathematical model-based optimization" in partial fulfilment for the award of degree of "Bachelor of Technology" in Biotechnology, and submitted to the department of biotechnology IMS engineering College Ghaziabad affiliated to Dr. A.P.J Abdul Kalam Technical University Uttar Pradesh Lucknow is a record of my own investigation carried under the guidance of Dr. Siddharth Vats Associate Professor, IMS engineering College, Ghaziabad.

I have not submitted the matter presented in this project anywhere for the award of any other Degree.

Signature: *Mohd Danish*

Name: Md. Danish

Roll No: 2001430540019

Signature: *Monika Anand*

Name: Monika Anand

Roll No: 2001430540020

Signature: *Nitam Kumari*

Name: Nitam Kumari

Roll No: 2001430540025

Signature: *Prachi Singh*

Name: Prachi Singh

Roll No: 2001430540026





IMS  
ENGINEERING  
COLLEGE

CERTIFICATE

Date: 06/06

to certify that (Md. Danish, Roll No. 2001430540019),(Ms. Monika Anand, Roll No. 2001430540020),(Ms. Nitam Kumari ,Roll No. 2001430540025),(Ms. Prachi Singh, Roll No. 2001430540026) sch. (Biotechnology) VIII semester has carried out a project work on ("EXPLORATION OF INDUSTRIAL BIOWASTE TO PRODUCE VALUE ADDED PRODUCTS WITH MATHEMATICAL MODEL BASED OPTIMIZATION") under my supervision for the partial fulfilment of the award of the degree of Bachelor of Technology in Biotechnology at Department of Biotechnology, IMS Engineering College, Ghaziabad (Affiliated to U.P.J Abdul Kalam Technical University, Lucknow, INDIA). The above said project is a bonafide record of work done by him during the session 2023-24.

*Siddharth Vats*  
6 June 2024

Supervisor: Dr Siddharth Vats

Associate Professor &

Additional HoD Department of Biotechnology

*(Signature)*  
HOD

(Dr. Ajay Kumar Sharma) Professor &

Head Department of Biotechnology

A  
PROJECT REPORT  
On  
**THICKNESS CIPHER**  
Submitted For The Partial Fulfillment Of Award Of  
**BACHELOR OF TECHNOLOGY**  
Degree  
In  
ELECTRONICS & COMMUNICATION ENGINEERING

Submitted

By

AVIRAL TIWARI

(2001430310002)

KAVITA PRAJAPATI

(2001430310004)

Under the Supervision Of

Dr. PRAMOD SINGH

(Associate Professor,

HOD)

ECE Department

IMS Engineering College, Ghaziabad



**Dr. A.P.J. Abdul Kalam Technical University, Lucknow**

April , 2024

## CERTIFICATE

This is to certify that Project Report entitled "Thickness Cipher" which is submitted by Aviral Tiwari and Kavita Prajapati in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Electronics & Communication Engineering of Dr. A.P.J. Abdul Kalam Technical University, is a record of the candidates own work carried out by them under my supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

Date: 04/06/24



Supervisor

Dr. Pramod Singh  
(Associate professor,  
HOD -ECE)

## DECLARATION

We hereby declare that this submission is our own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Aviral Tiwari (2001430310002)

*Aviral*  
04/05/2024

Kavita Prajapati (2001430310004)

*Kavita*  
04/05/2024

# **MINI PROJECT REPORT**

on

**"SMART GOGGLES FOR BLIND PEOPLE'S  
- MADE IN INDIA"**

Submitted for the partial fulfillment of the Award  
of

**Master of Business Administration DEGREE**  
(Session : 2023- 2024)

## **SUBMITTED BY**

Vikas Pandey

\*Roll No.\*

A2023MBA9425

## **UNDER THE GUIDANCE OF**

Dr. Rashmi Chaudhary

Department of MBA  
**IMS ENGINEERING COLLEGE, GHAZIABAD**



**AFFILIATED TO**  
**DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY**  
**(FORMERLY UTTAR PRADESH TECHNICAL UNIVERSITY),**  
**LUCKNOW (FS-14)**

A handwritten signature in black ink, located in the bottom right corner of the page.

\*\*\*\*\*



**IMS Engineering College, Ghaziabad – Delhi NCR**  
NAAC ACCREDITED INSTITUTION  
(Approved by AICTE & Affiliated to Dr. A.P.J Abdul Kalam  
Technical University, Lucknow)


### CERTIFICATE

This is to certify that Mr. Vikas Pandey Roll No. A2023MBA9425 is a bonafide student of MBA 1<sup>st</sup> semester during session 2023-25. The Mini Project Report entitled "SMART GOGGLES FOR BLIND PEOPLE'S\_ Made in India" has been prepared by him/ her in partial fulfillment for the award of degree of Master of Business Administration of Dr. A.P.J. Abdul Kalam Technical University, Lucknow (formerly UPTU Lucknow).

Name of Supervisor:

Designation: A.P.

Date: 16/Feb/2024

  
Dr. Meenu Baliyan

Head: MBA

Date:

*Mini Project 1 Report*

on

*"FINGERPRINT BASED CAR IGNITION SYSTEM"*

*Submitted for the partial fulfillment of the Award*

of

*Master of Business Administration*

*(Session: 2023- 2024)*

**SUBMITTED BY**

*Pranjal Saxena*

*Roll No.: A2023MBA9833*

**UNDER THE GUIDANCE OF**

*Mr. Manoj Kumar Chaudhary*

**Department of MBA**

**IMS ENGINEERING COLLEGE, GHAZIABAD**



**AFFILIATED TO**


**DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY (FORMERLY UTTAR  
PRADESH TECHNICAL UNIVERSITY), LUCKNOW**




**IMS Engineering College, Ghaziabad – Delhi NCR**  
NAAC ACCREDITED INSTITUTION  
(Approved by AICTE & Affiliated to Dr. A.P.J Abdul Kalam  
Technical University, Lucknow)

## CERTIFICATE

This is to certify that Pranjal Saxena is a bonafide student of MBA 1<sup>st</sup> semester during session 2023-24. The mini project report entitled **"FINGERPRINT BASED CAR IGNITION SYSTEM"** has been prepared by her in partial fulfillment for the award of degree of Master of Business Administration of Dr. A.P.J Abdul Kalam Technical University, Lucknow (formerly UPTU Lucknow).

  
Mr. Manoj Kumar Chaudhary  
(Faculty in charge)

  
Dr. Meenu Baliyan  
Head - MBA



**Mini Project 1 Report  
On**

**“SMART SHOES: INNOVATION REVOLUTIONIZING THE  
FUTURE OF FOOTWEAR”**

**Submitted for the partial fulfilment of the Award  
Of**

**Master of Business Administration  
Degree**

**(Session: 2023- 2024)**

**SUBMITTED BY**

**YASHVARDHAN SINGH RATHORE**

**A2023MBA9998**

**UNDER THE GUIDANCE OF**

**DR. RASHMI CHAUDHARY**

**Department of MBA**

**IMS ENGINEERING COLLEGE, GHAZIABAD**

**AFFILIATED TO**



**DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY (FORMERLY  
UTTAR PRADESH TECHNICAL UNIVERSITY), LUCKNOW**



**IMS Engineering College, Ghaziabad – Delhi NCR**  
NAAC ACCREDITED INSTITUTION  
(Approved by AICTE & Affiliated to Dr. A.P.J Abdul Kalam  
Technical University, Lucknow)

## CERTIFICATE

This is to certify that **Mr. Yashvardhan Singh Rathore** MBA (2023-24 Batch) a student of IMS Engineering College, Ghaziabad has undertaken the Mini Project-1 (KMBN152) on **“Smart Shoes: Innovation Revolutionizing The Future Of Footwear”**. The project has been carried out by the student in partial fulfillment of the requirements for the award of MBA, under my guidance and supervision.

I am satisfied with the work of **Mr. Yashvardhan Singh Rathore**

Name of Supervisor:

Designation: A.P

Date: 13 Feb/24

Dr. Meenu Baliyan

Head: MBA

LIFE GOALS. DONE.

 BAJAJ | Allianz

Bajaj Allianz Life Insurance Co. Ltd.

## TO WHOMSOEVER IT MAY CONCERN

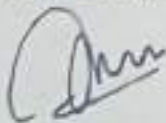
This is to Acknowledge that SHIVANSH SANGAL from  
IMS ENGINEERING COLLEGE student of FINANCE  
has completed COP from 04/09/2023 to 15/11/2023  
at Bajaj Allianz life Insurance Co. Ltd.

During COP he/she was found hardworking and punctual.

He/She was able to present good picture of the work done in  
this tenure.

We wish him/her every success in life.

For BAJAJ ALLIANZ LIFE INSURANCE CO. LTD.



AUTHORIZED SIGNATORY

**School Admission System**

By

Ritik Nandan (2201430140039)

Raj Chaudhary (2201430140037)

Puneet Raghav (2201430140034)



Under the Supervision of

Vipin Kumar Sharma

Assistant Professor

*Kamini*  
*HOD-MCA*

*[Signature]*  
*11/7/24*

Department of MCA

IMS Engineering College

NH-09, Adhyatmik Nagar, Near Dasna,

Distt: Ghaziabad, UP.

June, 2024

## DECLARATION

I hereby declare that the work, which is being presented in the Project, entitled "School Admission System" in partial fulfillment for the award of Degree of "Master of Computer Applications" in Department of Master of Computer Application, and submitted to the Department of Master of Computer Application, IMS Engineering College, Ghaziabad, affiliated to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow is a record of my own investigations carried under the Guidance of Mr. Vipin Kumar Sharma, Assistant Professor, IMS Engineering College, Ghaziabad.

I have not submitted the matter presented in this Project anywhere for the award of any other Degree.

Signature:

Name: Puneet Raghav

Roll No: 2201430140034

Date: 24/May/2024



Signature:

Name: Ritik Nandan

Roll No: 2201430140039

Date: 24/May/2024



Signature:

Name: Raj Chaudhary

Roll No: 2201430140037

Date: 24/May/2024



CERTIFICATE

I hereby certify that the work which is being presented in the project report entitled "SCHOOL ADMISSION SYSTEM " by "RITIK NANDAN" in partial fulfillment of requirements for the award of degree of MCA submitted in the Department of MCA at "IMS Engineering College" under A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW is an authentic record of my own work carried out under my supervision.

Name and Signature of the Guide Mr. Vipin Kumar Sharma



Name and Signature of the Co-Guide: Mr. Aditya Kumar Sharma

Date: 24/May/2024



Kans  
HOD-MCA

A  
PROJECT REPORT  
On  
**THICKNESS CIPHER**  
Submitted For The Partial Fulfillment Of Award Of  
**BACHELOR OF TECHNOLOGY**  
Degree  
In  
ELECTRONICS & COMMUNICATION ENGINEERING

Submitted

By

AVIRAL TIWARI

(2001430310002)

KAVITA PRAJAPATI

(2001430310004)

Under the Supervision Of

Dr. PRAMOD SINGH

(Associate Professor,

HOD)

ECE Department

IMS Engineering College, Ghaziabad



**Dr. A.P.J. Abdul Kalam Technical University, Lucknow**

April , 2024

## CERTIFICATE

This is to certify that Project Report entitled "Thickness Cipher" which is submitted by Aviral Tiwari and Kavita Prajapati in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Electronics & Communication Engineering of Dr. A.P.J. Abdul Kalam Technical University, is a record of the candidates own work carried out by them under my supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

Date: 04/06/24



Supervisor

Dr. Pramod Singh  
(Associate professor,  
HOD -ECE)



## DECLARATION

We hereby declare that this submission is our own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Aviral Tiwari (2001430310002)

*Aviral*  
04/05/2024

Kavita Prajapati (2001430310004)

*Kavita*  
04/05/2024



# IMS ENGINEERING COLLEGE

**Mini Project  
Report On**

**"AUTOMATIC WATER PUMP CONTROLLER"**

Submitted In Partial Fulfilment of the Requirement for the Degree of

**Bachelor Of Technology**

In

**E.C.E(Electronic and Communication Engineering)**

**Presented By:-**

**Name : Ankit Singh**

**Roll No. 2201430310004**

**Name : Yash Pratap Singh**

**Roll No. 2201430310028**

**Name : Vicky Yadav**

**Roll No. 2101430310020**

**Presented to:-**

**Prof. Prantoy Singh (HOD)**

**Prof. Balwant Singh (Project Coordinator)**



AFFILIATED TO  
**Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY  
LUCKNOW, UTTAR PRADESH**



**भारत संचार निगम लिमिटेड**

(भारत सरकार का उपक्रम)

**BHARAT SANCHAR NIGAM LIMITED**

(A Govt. of India Enterprise)

No: CNNCO-11/18/1/2023-ADMIN/

Dated: 07-08-2023

**TRAINING CERTIFICATE**

It is to certify that **Mr. AVIRAL TIWARI**, 3<sup>rd</sup> year 6<sup>th</sup> Semester **B-Tech. (Electronics & Communication Engineering)**, student Roll No. 2001430310002, of **IMS Engineering College, Dasna, Ghaziabad UP**, has undergone Summer Industrial training under **SDE (NIB) O/o AGM (BM) CNTx-North, Kidwai Bhawan, Janpath, New Delhi in MPLS-VPN section of BSNL for 4 Weeks (Four weeks) w.e.f. 04.07.2023**. During the training period the behaviour and performance of the student was very good.

I wish **him** bright future and success in life.

  
07/08/2023  
(D.K. Gupta)

**Asstt. General Manager (HRD)**  
**O/o CGM "CNTx-North", Kidwai Bhawan**  
**Janpath, New Delhi-110001.**