



# 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, Distt: Ghaziabad, Uttar Pradesh Website: <https://www.imsec.ac.in>

## **SUPPORTING DOCUMENTS**

### **AQAR: 2023-24**

**2.3.1 Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences.**

**Attachment: - Supporting Documents**



**IMS Engineering College**  
NH-09, Adhyatmik Nagar, Near Dasna, Distt. Ghaziabad, U.P.  
Tel: (0120) 4940000

**Department of Computer Science**

Ref: CS/December/2023/14

Date: 29/12/2023

To,  
The Director  
IMS Engineering College  
Ghaziabad

Subject: Request for approval of Value Addition Course on "Entrepreneurship and Innovation Business Models" for 2<sup>nd</sup> Year B.Tech (CS, CSD, AIML) Students

Respected Sir,

The Department of Computer Science is planning to start Value Addition Course on "Entrepreneurship and Innovation Business Models" for the 2<sup>nd</sup> Year B.Tech (CS, CSD, AIML) Students (Semester III, session 2023-24). The details of the proposed course is as follows:

S.No.	Title	Description
1	Value Addition Course Name	"Entrepreneurship and Innovation Business Models"
2	Recourse Faculty	Dr Monika Nagar, Assistant Professor, Department of Computer Science
3	Duration of the Course	30 Hrs.
4	Participating Students	III Semester, 2023-24
5	Mode of Class	Seminar Hall
6	Evaluation	Two Test (Online)
7	Minimum Attendance for Certification	Minimum 90% attendance required for certificate
8	Total number of participating students	(CS, CSD, AIML) - 272

The course will be offered during Value Addition Session being planned in Time Table and will commence throughout the semester (Semester III, session 2023-24). The Department of Computer Science will provide certificate of participation to the students on their successful participation.

It is for your Kind approval

With sincere regards

Dr. Monika Nagar  
Assistant Professor  
Department of Computer Science

*Monika*

*Approved*  
*[Signature]*  
29.12.2023

*[Signature]*  
Dr. Sonika Juneja  
HOD (CS, CSD)

# 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)

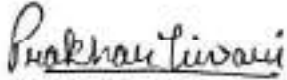
**Department of Computer Science & Engineering  
IMS Engineering College, Ghaziabad (UP)  
Dr. A. P. J. Abdul Kalam Technical University, Lucknow,  
Uttar Pradesh  
December 2023**

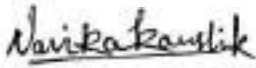
## Candidate's Declaration

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

## NOTICES

From: HOD CSE

To: Director Sir

Ref No: CSE/2023-24/MAY/06/10

Date: 06.05.2024

### SUB: INDUSTRIAL VISIT FOR 2<sup>ND</sup> YEAR CSE4

The Department of Computer Science & Engineering is planning to take our students of 2<sup>nd</sup> year CSE-4 for an Industrial Visit on 08/05/2024 (Wednesday). The students shall be visiting Cetpa Infotech Pvt. Ltd. D-58, Sector-2, Noida from 10:30 AM-1:00 PM.

The approval from Cetpa Infotech Pvt. Ltd has been attached for your reference. request you to kindly approve the industrial visit planned on 08 May 2024. The faculty Coordinators for the industrial Visit will be Mr. Pankaj Kumar & Mr. Asim Kr. Rai.

One bus will 55 seater is required for commutation on 08 May 2024 from 9:00 AM -3:00 PM.

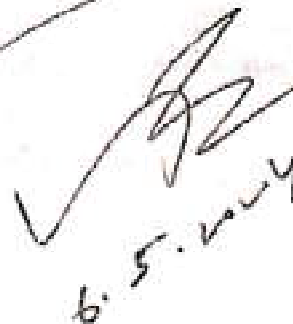
Requesting for your kind approval.

  
6/5/24

Prof. (Dr.) Sonali Mathur  
HOD (CSE)

Prof. & HOD  
Dept. Of CSE  
MSEC, Gzb

  
Approved

  
6.5.2024



# IMS ENGINEERING COLLEGE, GHAZIABAD

## NOTICES

From: HOD CSE

To: Director Sir

Ref No: CSE/2023-24/MAY/17/38

Date: 17.05.2024

### SUB: INDUSTRIAL VISIT REPORT APPROVAL

PFA the industrial visit report of 2<sup>nd</sup> year CSE4 on 08/05/2024 to Cetpa Infotech Pvt. Ltd. D-58, Sector-62 Noida submitted for your kind approval.

I request you to kindly approve the industrial visit report.

*Sonali Mathur*  
17/5/24

Prof. (Dr.) Sonali Mathur  
HOD (CSE)

**Prof. & HOD  
Dept. Of CSE  
IMSEC, Gzb**

*Approved*  
*[Signature]*



## Report Summary

Sponsored By	IMSEC
Department of	Computer Science and Engineering
in Collaboration With	IMSEC
Academic Session/Semester	2023-2024
Objective	To make students aware with industry practices, increase practical awareness of various industrial sectors and acquaint students with interesting facts and newer computer technologies.
Coordinator	Mr.Pankaj Kumar Mr. Asim Kumar Rai
Organization Name	CETPA, Sector 02, Noida
Date	08-05-2024
Event Type	Industrial Visit
Title	Industrial Visit
Report Prepared By	Mr. Asim Kumar Rai

*Sonali Mathur*  
17/5/24

Dr. Sonali Mathur  
Prof. & Head (CSE)

*Vikram Bali*  
Prof. (Dr.) Vikram Bali  
Director, IMSEC

Director  
IMS Engineering College  
Ghaziabad

## Summary Report

**Objective:** To make students aware with industry practices, increase practical awareness of various industrial sectors and acquaint students with interesting facts and newer computer technologies.

### Description

The Department of Computer Science and Engineering organized an Industrial visit for B. Tech CSE 2nd year (2CSE4) students to Cetpa, Sector 02, Noida, on May 08, 2024. Mr. Pankaj Kumar, Mr. Asim Kumar Rai, Assistant Professor, Department of CSE accompanied the students.

The students of 2CSE-4 had the opportunity to undergo industrial training at Cetpa, Sector-02, Noida. The training, conducted by Mr. Rehan Ahamad and Ms. Vandana Kumari, covered a diverse range of topics in the field of java Technology, Data Science, and Artificial Intelligence machine learning.

### Key Topics Covered:

1. Java Technology (Overview of Object Oriented programming and JDBC, emphasizing its importance in integration API).
2. Machine Learning (Understanding the concepts of training data and testing data in machine learning).
3. Data Science (Exposure to various data science tools, such as MySQL, Power BI, Tableau, Advanced Excel, Deep Learning (DL), and Natural Language Processing -NLP).
4. AI/ML Models (Exploration of AI/ML models, including ChatGPT, weather forecasting models, face recognition systems, object detection models, recommendation systems, and chatbots).
5. Datasets (Emphasis on the importance of datasets in the realm of data science and machine learning).
6. Training Methodology (Mr. Rehan Ahamad employed an interactive and hands-on approach during the training. Practical demonstrations and exercises were integrated into the sessions, providing participants with a holistic understanding of the theoretical concepts. The trainer encouraged questions





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discussions, creating a dynamic learning environment).

**Media Link(s)**

**LinkedIn :**

[https://www.linkedin.com/posts/ims-engineering-college\\_imsec143-engineering-college-ugcPost-489673037762969607qs?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/ims-engineering-college_imsec143-engineering-college-ugcPost-489673037762969607qs?utm_source=share&utm_medium=member_desktop)

**Facebook:**

<https://www.facebook.com/share/p/WFiAB6ZLA7VsvBAg/?mibextid=oFDknk>

*Sonali Mathur*  
17/5/24

**Dr. Sonali Mathur**  
**Prof. & Head (CSE)**

*Vikram Bali*

**Prof. (Dr.) Vikram Bali**  
**Director, IMSEC**  
Director  
IMS Engineering College  
Ghaziabad

## Photographs of the visit

Students at IMSEC



Students at Cetpa for visit





14718

# IMS ENGINEERING COLLEGE, GHAZIABAD

## NOTICES

From: HOD CSE	To: Director Sir
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Ref No: CSE/2023-24/DECEMBER /22/35

Date: 22.12.2023


### SUB: INDUSTRIAL VISIT FOR 2<sup>ND</sup> YEAR CSE3

The Department of Computer Science & Engineering is planning to take our students of 2<sup>nd</sup> year CSE-3 for an Industrial Visit on 28/12/2023 (Thursday). The students shall be visiting "Ducat" H-43, Sector-63 Noida from 11:00 AM-2:00 PM.

The approval from Ducat has been attached for your reference. Request you to kindly approve the industrial visit planned on 28 December 2023.

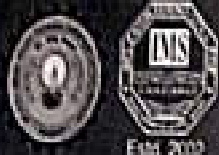
One bus 50 seater is required for commutation on 28 December 2023 from 10:00 AM -3:00 PM.

Requesting for your kind approval.

  
Prof. (Dr.) Sonali Mathur  
HOD (CSE)

  
Approved  
  
22-12-2023





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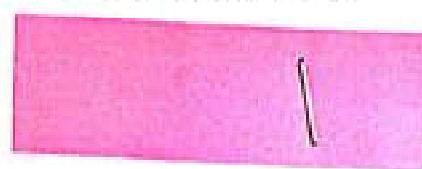
### Report Summary

<b>Sponsored By</b>	IMSEC
<b>Department of</b>	Computer Science and Engineering
<b>In Collaboration With</b>	IMSEC
<b>Academic Session/Semester</b>	2023-2024
<b>Objective</b>	To make students aware with industry practices, increase practical awareness of various industrial sectors and acquaint students with interesting facts and newer computer technologies.
<b>Coordinator</b>	Mr. Krishan Kumar Sharma Dr. Ramesh Kumar Verma
<b>Organization Name</b>	Ducat, Sector 63, Noida
<b>Date</b>	28-12-2023
<b>Event Type</b>	Industrial Visit
<b>Title</b>	Industrial Visit
<b>Report Prepared By</b>	Mr. Krishan Kumar Sharma

*Sonali*  
11/1/24

**Dr. Sonali Mathur**  
Prof. & Head (CSE)

*Vikram Bali*  
**Prof. (Dr.) Vikram Bali**  
Director, IMSEC





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## Summary Report

**Objective:** To make students aware with industry practices, increase practical awareness of various industrial sectors and acquaint students with interesting facts and newer computer technologies.

### Description

The Department of Computer Science and Engineering organized an Industrial visit for B. Tech CSI 2nd year (2CSE3) students to Ducat, Sector 63, Noida, on December 28, 2023. Mr. Krishan Kumar Sharma, Dr. Ramesh Kumar Verma, Assistant Professor, Department of CSE accompanied the student

The students of 2CSE-3 had the opportunity to undergo industrial training at Ducat, Sector 63, Noida. The training, conducted by Mr. Rohit Pahwa, covered a diverse range of topics in the field of data science, data analytics, and cyber security.

### Key Topics Covered:

1. Data Analytics (Overview of Anaconda distribution for Python and R, emphasizing its importance in data analytics).
2. Machine Learning (Understanding the concepts of training data and testing data in machine learning).
3. Data Science (Exposure to various data science tools, such as MySQL, Power BI, Tableau, Advanced Excel, Deep Learning (DL), and Natural Language Processing -NLP).
4. AI/ML Models (Exploration of AI/ML models, including ChatGPT, weather forecasting models, image recognition systems, object detection models, recommendation systems, and chatbots).
5. Datasets (Emphasis on the importance of datasets in the realm of data science and machine learning).
6. Training Methodology (Mr. Rohit Pahwa employed an interactive and hands-on approach during the training. Practical demonstrations and exercises were integrated into the sessions, providing participants with a holistic understanding of the theoretical concepts. The trainer encouraged questions and



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discussions, creating a dynamic learning environment).

**Social Media Link(s)**

- **Facebook**  
[https://m.facebook.com/story.php?story\\_fbid=pfbid02wTKDbxiYzVvoJUMKfz8yZfsKbnEq9wEjCatNUcjbHACvBiaqsduknXWjGV4qveanl&id=100064932540164&mibextid=Nif5oz](https://m.facebook.com/story.php?story_fbid=pfbid02wTKDbxiYzVvoJUMKfz8yZfsKbnEq9wEjCatNUcjbHACvBiaqsduknXWjGV4qveanl&id=100064932540164&mibextid=Nif5oz)
- **LinkedIn** : [https://www.linkedin.com/posts/ims-engineering-college\\_imsecl43-engineering-college-activity-7148881327189016576-mUmW?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/ims-engineering-college_imsecl43-engineering-college-activity-7148881327189016576-mUmW?utm_source=share&utm_medium=member_desktop)

*Sonali Mathur*  
11/11/24

**Prof. Sonali Mathur**  
**Prof. & Head (CSE)**

*Vikram Bali*

**Prof. (Dr.) Vikram Bali**  
**Director, IMSEC**

*11/11/24*  
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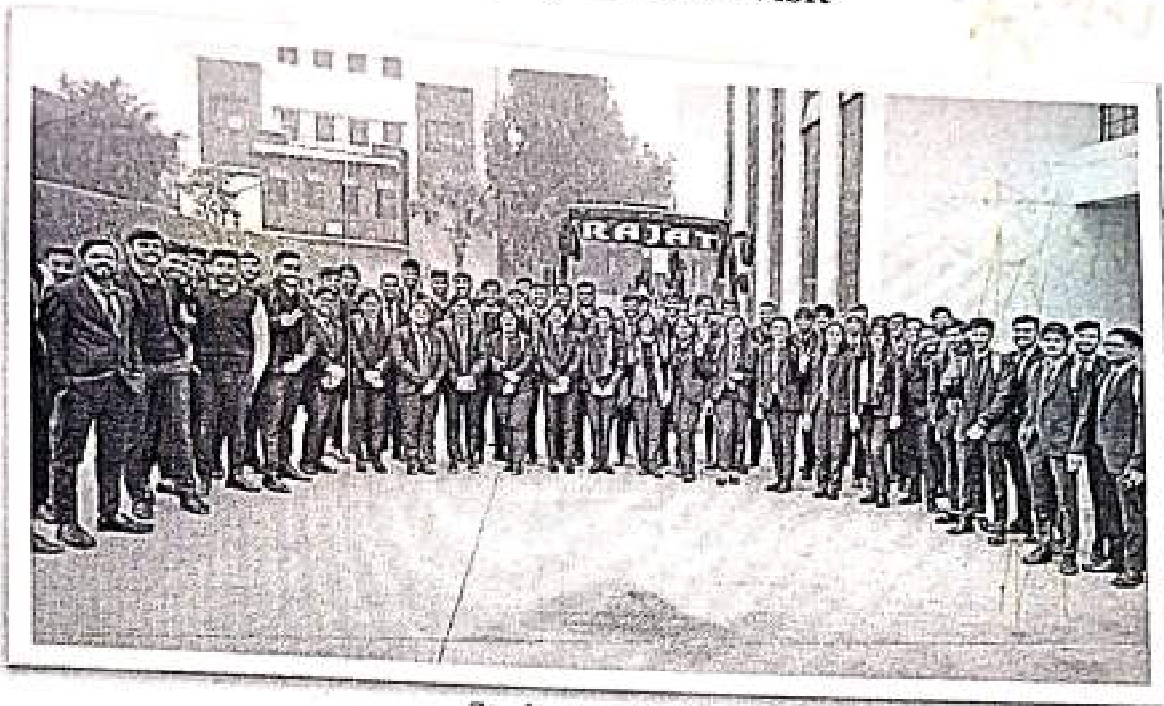


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## Photographs of the visit



Students at IMSEC



Students at Ducat for visit