



Vinay Kumar Gupta
Computer Science & Engineering
Indian Institute of Technology Bombay

2024-26
M.Tech
Male

| Examination | University | Institute | Year | CPI/% |
|-----------------|------------|-----------------|---------|-------|
| Post Graduation | IIT Bombay | IIT Bombay | 2024-26 | – |
| Graduation | AKTU | GEC Banda | 2016-20 | 8.27 |
| Intermediate/+2 | UP Board | M M I C | 2012-14 | 86.4 |
| Matriculation | UP Board | HRIC Khalilabad | 2010-12 | 89.16 |

B.TECH AND M.TECH PROJECT

- **Btech Project**

(Text Classification using Machine Learning | Guide: **Dr. Siddhartha Arjaria**)

Method Used

- Logistic Regression, Neural Network, Random Forest, SVM

Tool Used

- For classification we used Orange Canvas

- **M.tech Project**

(1) **OMR Autograder** | Guide: **Prof. OM Damani**

(NOV'24)

Technology used: Image Processing, User Interface, Python modules.

(2) **Music Recommended System** | Guide: **Prof. Preethi jyothi**

(NOV'24)

Dataset used: GTZAN

features used: MFCC (Mel-Frequency Cepstral Coefficients), Chroma Features, Spectral Contrast, Tempo.

(3) **Speech Emotion Recognition** | Guide: **Prof. Puspak Bhattacharya**

(NOV'24)

Dataset used: EMO-DB, RAVDESS (with total 1440 audio samples)

Method/Technique used for feature Extraction: MFCC (Mel Frequency Cepstral Coefficients), ZCR (Zero Cross Rate), Energy-RMS (Root Mean Square)

FIELDS OF INTEREST

- Data-structure and Algorithm, Discrete Mathematics, Computer Network, DataBase Management System

M.TECH COURSE TAKEN IN FIRST SEMESTER

- CS 725: Foundations of Machine Learning
- CS601: Algorithms and Complexity
- CS626: Speech, Natural Language Processing and the Web
- CS699: Software Lab

INTERNSHIP

- I completed my internship in machine learning from CETPA INFOTECH PRIVATE LIMITED..

TECHNICAL SKILLS

- **Programming & Scripting Languages:** C, C++, Python, HTML, SQL
- **Tools & Libraries:** \LaTeX , jupyter, google colab, Numpy, Pandas, Matplotlib,

Achievements

- AIR 253 IN GATE 2024
- GOT SILVER MEDAL IN NPTEL C LANGUAGE COURSE
- GOT RANK 1 IN THE DEPARTMENT IN MY GRADUATION

- SELECTED IN ISI KOLKATA IN 2023
- SELECTED IN IIIT HYDRABAD IN 2023

EXTRA-CURRICULARS

- **Head Teaching Assistant CS101** : Computer Programming and Utilization
- Tech-Fest Co-ordinator at GEC BANDA

STRENGTHS

- Positive Attitude, Social Interaction, Hardworking.

INTEREST AND HOBBIES

- Solving Puzzles.
- Playing Chess.