

2nd SEMESTER POSTGRADUATE,
DEPARTMENT OF INFORMATION TECHNOLOGY,
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
ALLAHABAD

ACADEMIC PROFILE

| Year | Degree | Institute | Performance |
|----------------|---|--------------------------|----------------------|
| 2022(expected) | MTech in Software engineering | IIIT Allahabad | 9.06/10 (Current) |
| 2019 | B.E in Computer Science and Engineering | UIT RGPV Bhopal | 74.50 % |
| 2014 | CBSE XII | Mansarovar Public School | 87.40 % |
| 2011 | CBSE X | Mansarovar Public School | 9.2/10 |

PROJECTS UNDERTAKEN

Machine Learning:
(Text detection in
natural image)

- Studied various techniques applied in text detection from natural images.
- Applied EAST algorithm techniques and implement the working project.
- Technology used- python, tesseract OCR

System Design:
(Online Examination
System)

- The main objective of this project was to get an insight into programming language implementation and to study how back end and front-end works.
- The purpose of online examination system is to take online test in an efficient manner and save time for checking of objective paper.
- Technology used- Java, HTML, CSS, Oracle database

Data Science:
(Sentiment Analysis)

- Learnt Basic concepts of Data Analytics using R.
- Applied these basic concepts of Data Analytics to generates different graphs on sentiments on twitter data.
- Analysed them on the positive and negative sentiments.

COURSE WORK

- **Computer science:** Data Structure, Algorithms, Database Management System, Operating System, Compiler design, Computer Organization, Computer Networks, Principles of programming language.
- **Mathematics:** Linear Algebra, Probability and Statistics, Discrete Mathematics, Theory of Computation, Calculus, Numerical Methods, Laplace Transform.

TECHNICAL SKILLS

- **Languages:** C++ (Intermediate) and beginner knowledge on C, JAVA, python, SQL, R, HTML
- **Software:** Microsoft Office, Adobe Photoshop and experience of working upon windows & Linux operating system

INTEREST OUTSIDE ACADEMIA

- Travelling
- Playing cricket and football

ACHIEVEMENTS

- Got selected in International Olympiad for Mathematics (Stage-1) and achieved 472 Olympiad rank.
- Was appointed as the Head boy of the school.