



## Parvej Alam

Roll No.: 123102160

Bachelor In Technology

Computer Engineering

National Institute Of Technology, Kurukshetra

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### EDUCATION

- NIT Kurukshetra** Haryana, India  
Bachelor of Technology - Computer Science; GPA: 8.81  
July 2023 - June 2027
- Govt. Sr. Secondary School** Rewari, India  
12th - PCM; CGPA: 9.20  
July 2021 - June 2022
- Govt. Sr. Secondary School** Gurgaon, India  
10th; CGPA: 10.00  
July 2019 - June 2020

### SKILLS SUMMARY

- Languages:** C++, Python, JAVA
- Data Science:** Machine Learning, Deep Learning, NLP, Transformer, GenAI, RAG, AgenticAI
- Libraries/Framework:** Pytorch, Tensorflow(Keras), Scikit-Learn, Langchain, Langgraph, Numpy, Pandas, Matplotlib
- Database:** MongoDB, MySQL, Vector Database
- Web Development - Frontend:** ReactJs, HTML, CSS, Bootstrap/Tailwind, JavaScript
- Backend:** NodeJs, ExpressJs, Flask, FastAPI
- Programming Concepts:** OOP, DBMS, OS, CN, Data Structures & Algorithms (DSA)
- Version Control:** Git & GitHub
- Soft Skills:** Time Management, Public Speaking

### PROJECTS

- Stock Price Forecasting using LSTM and Flask:** Developed a deep learning model using Bi-directional LSTM to predict future stock prices based on historical data. Integrated technical indicators like EMAs and built a Flask-based web app for real-time visualization, prediction, and CSV export functionality.  
**Technologies Used:** LSTM, TensorFlow, Flask, Pandas, Matplotlib, Yahoo Finance API  
**Date:** May 2025
- Smart Crop Prediction System Using Machine Learning and IoT:** Built a predictive model using Random Forest to recommend crops based on parameters like temperature, humidity, soil pH, and more. Integrated IoT sensors for real-time data acquisition.  
**Technologies Used:** IoT Sensors, Arduino, Pandas, ScikitLearn, Matplotlib, Seaborn, ML Algorithms  
**Date:** October 2024
- Online Shopping Platform with Payment Gateway Integration:** Developed an E-commerce platform using the MERN stack, featuring Admin Control, User authorization, Database Management, Search, Shopping Cart, Payment, Product Filter, and more.  
**Technologies Used:** React, NodeJS, ExpressJS, MongoDB, Stripe API (for payment), JWT, RESTful API  
**Date:** March 2024

### EXPERIENCE

- Open Code Developers Society, NIT Kurukshetra** Remote  
Web Development Contributor  
June 2024
  - Frontend Development:** Contributed to the OCD Society website, enhancing design and functionality to improve user experience.
- Data Structures & Algorithms Practice** Self-Initiated  
Algorithmic Practice and Optimization
  - DSA Problem Solving:** Solved 500+ problems on platforms like LeetCode and GeeksforGeeks, focusing on algorithmic efficiency.

### HONORS AND AWARDS

- Finalist In Hackshetra'25:** Selected as a finalist among 100+ team in 24Hour Intra Collage hackathon at NIT KKR.
- Young Achiever, Ullas Trust:** Selected through Polaris exam based on student analytical and academic performance.
- 2nd Rank, District Topper, HBSE Board Exams:** Achieved 2nd rank in district (Gurgaon) HBSE Board Exams, Grade 10.
- 3rd Rank, NMMS National-Level Exam (HR):** Ranked 3rd statewide in the National Means-cum-Merit Scholarship Exam, Grade 8.

### POSITION AND VOLUNTEER

- Member, Technobyte Society, NIT Kurukshetra** NIT Kurukshetra  
Engaged in workshops and projects focused on skills in computer science and engineering.
- Representative, Open Code Developers (OCD) Society** NIT Kurukshetra  
Supported society events and technical workshops for skill-building in the student community.





# राष्ट्रीय प्रौद्योगिकी संस्थान कुरुक्षेत्र

(राष्ट्रीय महत्व का संस्थान)

**NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA**  
(INSTITUTION OF NATIONAL IMPORTANCE)



Name : Parvej Alam Sr. No : 23940304  
Father's Name : Jarar Ansari Roll Number : 123102160  
Programme : Bachelor of Technology Department : Computer Engineering  
Semester : (IV)

Session : May/June 2025

Sr. No.	Code No.	Subject	CREDITS	GRADE
1	CSPC-200	Operating Systems	4.0	A+
2	CSPE-212	Competitive Programming and Efficient Coding	4.0	C
3	CSPC-206	Database Management Systems	4.0	A
4	CSPC-204	Artificial Intelligence and Soft Computing	4.0	A
5	CSPC-202	Computer Networks	4.0	A
Total No. of Credits / Grade Points			20.0	172.0
Semester Grade Point Average (SGPA)			8.6000	

Year & Session	Nov./Dec.2023	May/June 2024	Nov./Dec.2024
Semester:	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
Total Credits:	20.0	20.0	20.0
SGPA:	9.1000	8.1500	9.4000

**Total Credits: 80.0**

**Cumulative Grade Point Average (CGPA) : 8.8125**



08/Jul/2025

**Faculty In-Charge**  
(Examinations)