

**UJJWAL PANDEY**Course : **M.Sc. (Hons.)**, Biological Science and **B.E. (Hons.)**, Chemical, 2026

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CGPA : 6.7

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	St Peter's Senior secondary school, Bharatpur	CBSE	92.2 %	2020
CLASS X	GIIS, Surat	CBSE	87.8 %	2018

Subjects / Electives	Security and Portfolio Analysis and Management, Linear Algebra, Fundamental of Finance, Probabilities and Statistics, Genetics, C Programming
	Really passionate towards learning new thing and exploring their applications and implications in the real world. With a keen interest in programming and versatility I gained through Engineering I aim to provide proficient and simple solutions to complex problems.
Minors	
Technical Proficiency	Web Development, Python, Problem Solving, Self Learning, JavaScript, Enthusiast, Excel

SUMMER INTERNSHIP / WORK EXPERIENCE

ML engineer, Manodayam Private limited	May 2023 - Aug 2023
Using voice based markers to analyze mental-health of various age group through python library implementations.	
Skills acquired :-	
<ul style="list-style-type: none"> • Python Libraries (Numpy, Pandas) • Data collection • Data manipulation and analysis 	

PROJECTS

Portfolio Anazlysis - Finance	Oct 2023 - Dec 2023
1. Data Collection and Organization:	
Gathered daily stock price data (Open, High, Low, Close, Adj Close) for multiple companies in a specific industry over a specified period.	
2. Calculation of Daily Returns:	
Computed the daily returns for each company, representing the day-to-day percentage change in stock prices.	
3. Risk and Return Metrics:	
Calculated key financial metrics for each company, including the average daily return, risk (volatility), and risk-reward ratio.	
4. Portfolio Analysis:	
Assigned weights to each company and evaluated the overall portfolio performance based on these weights, considering metrics like the expected return and risk.	

POSITION OF RESPONSIBILITY

Executive Committee Member - Student Union, BITS Pilani	Oct 2023 - May 2024
<ul style="list-style-type: none"> • Oversaw the cash and inventory of \$10 Lacs+ for the students' trunk distribution at discounted prices. • helped make the technical fest, APOGEE '23, a success and improved participant participation by effectively overseeing the logistics and inventory for more than fifteen stalls, as well as departmental coordination. • Oversaw the cash and inventory of \$10 Lacs+ for the students' trunk distribution at discounted prices. • helped make the technical fest, APOGEE '23, a success and improved participant participation by effectively overseeing the logistics and inventory for more than fifteen stalls, as well as departmental coordination. 	
Skills: Problem Solving Team Management outreach	
Frisbee Team Member - BITS Pilani Sports Union	May 2022 - Nov 2022
Ultimate Frisbee is a sport that relies on agility and ability to make quick decision during the games.	
<ul style="list-style-type: none"> • Learnt to work as a team player 	

- collaborative goal reaching

Core Member - The Eastern Outlook Club**Jan 2022 - Present**

- Introduced a new cultural heritage to students.
- Helped organize multiple events during college fests.
- Networking

EXTRA CURRICULAR ACTIVITIES**Ultimate Frisbee**

Held the position of runner ups in a highly competitive sports tournament(Bits Open Sports Meet) comprising of teams from across 3 campuses.

COMPETITIONS**PNG Spotlight 2024****Apr, 2024**

- Cleared the Psychometric computer based test consisting of different aptitude and cognitive abilities assessment..
- Selected for 2nd round from 3000 students applying across all 3 campuses.

SCHOLARSHIPS**Merit Cum Need Scholarship****Oct 2021**

Received Scholarship based on academic performance amounting to 25% of the total tuition- fees for 6 semester and ongoing.

VOLUNTEER EXPERIENCE

Nirmaan Organization - Role: Student Volunteer | Cause: Education

Nov 2022 - Apr 2023

- Mentored students and guided them through elementary subjects.

LANGUAGES KNOWN

Eng, Hin