



Prateek Saxena

ACADEMIC DETAILS			
M.Sc. (Hons.) Chemistry	BITS Pilani - Pilani Campus	6.39 CGPA	2026
B.E. (Hons.) Chemical			
CBSE (CLASS XII)	Woodrow Senior Secondary School, Bareilly, UP, India	87.6 %	2021
CBSE (CLASS X)	GRM Bareilly, UP, India	88.8 %	2019
SUBJECTS			
Technical Proficiency	Scikit-Learn, NumPy, SciPy, Machine Learning, DSA, Matplotlib, Python3, Pandas, Data Analytics		
WORK EXPERIENCE			
Steel Authority of India Limited Project Manager Intern	Process Optimization: Optimized NH3 recycling, reducing waste & boosting efficiency by 10%. Cross-functional collaboration: Improved machinery operations through team coordination.	May 2023 - Aug 2023	
LIC India Agency head	Sales & Growth: Led agency operations, generating 20L+ in policy sales. Client Relationship Management: Boosted client satisfaction via personalized financial planning.	Jun 2021 - Feb 2024	
PROJECTS			
Chemical Engineering Lab Simulator	An interactive platform designed to simulate chemical engineering experiments and enhance learning for 200+ students per semester. By acting as a virtual TA, the simulator helps reduce teaching assistant costs and ensures consistent student support.	Mar 2025 - Present	
SOP:- Bioplastics in Food Packaging Research	• Sustainability Analysis: Investigating cost-effective & eco-friendly bioplastics. • Material Performance: Assessing durability & feasibility for industry applications.	Aug 2024 - Present	
LOP:- Hartree fock software	Computational Development: Developing software for quantum chemistry simulations. algorithm enhancement: enhancing efficiency of molecular integral calculations.	Aug 2024 - Present	
CERTIFICATIONS			
Postman API Fundamentals Student Expert Postman API	Certified in API testing, automation, and debugging using Postman. Learned efficient request handling and authentication.		
Get Started With Python Google	Covered Python basics, data structures, and scripting. Strengthened coding for computational tasks.		
Foundations of Data Science Google	Learned data analysis, visualization, and statistical methods. Gained hands-on experience in Python-based data handling.		
POSITIONS OF RESPONSIBILITY			
Student Faculty Council(SFC) Chemical Engineering Department BITS Pilani	Student Advocacy: Voiced academic concerns to faculty for curriculum improvements. Curriculum Reform: Pushed for hands-on learning in Chemical Engineering.	Aug 2024 - Present	
Oasis Fest NSS Core Team Manager NSS BITS Pilani	Event Leadership: Led 50+ volunteers for NSS events at Oasis Fest. Revenue Generation: Managed fundraising, generating 2L+ revenue in 3 days.	Aug 2022 - Oct 2022	
BASIC INFORMATION			
Mobile Number: 9458827686	Address: BITS PILANI, Krishna Bhawan, Jhujhunu, Jhujhunu, Rajasthan - 333031	Email: f20212756@pilani.bits-pilani.ac.in	