

**ARUSHI PANT**

Course : M.Sc. (Hons.) Chemistry & B.E. (Hons.) Mechanical Engineering, 2027
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CGPA : 6.85

**ACADEMIC DETAILS**

COURSE	SPECIALIZATION	INSTITUTE	BOARD	SCORE	YEAR
CLASS XII	SCIENCE	Convent of Jesus and Mary, Ambala	CBSE	92.1%	2022
CLASS X	GENERAL	Convent of Jesus and Mary, Ambala	CBSE	95.4%	2020

Technical Proficiency	Figma, Adobe Photoshop, Canva, Microsoft Office Suite. Elementary skills in MYSQL and python programming
Elective Courses	Cross-Cultural Skills, Introductory Psychology, Creative Writing

INTERNSHIPS AND PROFESSIONAL EXPERIENCE

Indian Meteorological Department (IMD) - Pune <i>(ongoing)</i>	May 2024 – June 2024
- Develop a gridded dataset of atmospheric instability indices using Python/R for meteorological research. - Explore meteorological research and create relevant databases. - Delve into meteorological research for impactful contributions.	

POSITION OF RESPONSIBILITY

UI/UX Designer, BITS Pilani Postman API & Coding Innovation Lab	September 2023 – Present
- Gained hands-on experience in UI/UX design, creating user-friendly interfaces for the Lab. - Designed promotional posters for various Lab events, enhancing communication and outreach. - Assisted in Lab operations, fostering teamwork and project management skills.	
Executive Committee, Department of External Affairs (DExA)	November 2022 – Present
- Spearheaded a 10% increase in Aarohan participation, securing a key sponsor (Brightchamps) and generating ₹2 lakhs in revenue. - Managed cross-functional teams to achieve a 15% revenue increase through effective project leadership. - Enhanced communication and collaboration to secure sponsorships, expand networks, and represent the organization professionally.	
Poster Design and Publicity, Hindi Drama Club	November 2022 – Present
- Contributed to the HDC by creating posters and managing production for a highly successful play. - Deepened cultural understanding and appreciation through involvement in theater and storytelling. - Sharpened creative skills in graphic design and production management.	

SCHOLASTIC ACHIEVEMENTS/PROJECTS/PUBLICATIONS

Surface-enhanced Raman Spectroscopy, Department of Chemistry	January 2024 – May 2024
- Conducted an independent Study Oriented Project (SOP) under Prof. Surojit Pande. - Investigated single-atom catalysts on a WS₂ substrate for applications in SERS. - Gained valuable research experience in materials science and spectroscopy techniques.	
SPARKLE (Student Program for Advancing Research, Knowledge and Entrepreneurship)	January 2024 – Present
- Developing single-atom incorporated WS₂ nanomaterials for cholesterol detection. - Utilizing surface-enhanced Raman scattering (SERS) for sensitive and specific sensing. - Expanding hands-on laboratory skills with a focus on independent research.	

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

Model UN Delegate & Secretariat
- Contributed to solutions for pressing issues like forced displacement (MUN Refugee Challenge 2020) through debate and collaboration. - Actively participated in various Model UN conferences, honing research, public speaking, and negotiation skills while tackling global challenges. - Served on MUN core secretariats, gaining valuable leadership and organizational experience in conference planning and execution.
Content Writing
- Led content creation and editing for Unscripted Magazine, a student-run publication. - Recognized for excellence in content writing during tenure as Head of Content Writing at Perspicuous Words (virtual). - Developed strong communication and storytelling skills through content creation.