



CURRICULUM VITAE

Vinod Jat

B.TECH 3rd year

Chemical Science & Technology Department

Indian Institute of Technology, PATNA

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Objective

I aspire to be a part of a research team in a revered university, wherein I can play a significant role in the progress of the happening activities and projects and hone my skills in the way of contributing to the team with the best of my ability.

Educational Qualification

Examination	Year	Institution	CPI/Percentage
B.Tech	2013-17	IIT, Patna	5.85/10
Class XII(RBSE)	2012	LBS Sr. Sec. School Kota	77%(PCM)
Class X(RBSE)	2010	Vishal Academy Chittorgarh	62.17%

Areas of Interest

- Multicomponent Reactions
- Chemical Kinetics
- Organic synthesis
- Spectroscopy

Technical Skills

- Programming Language: C, JAVA,HTML.
- Application Software:MATLAB,CHEM-DRAW,AUTOCAD.
- Spectroscopy-UV,IR,NMR,MASS.

Projects Undertaken

- Preparation & characterisation of Aspirin (by UV-Vis, IR and ^1H -NMR techniques)
- Synthesis of trans stilbene: Wittig reaction
- Estimation of total manganese ore (pyrolusite): Redox reaction

Awards

- **First** in Electro Quiz (CELESTA-2013, IIT Patna).

DECLARATION

I hereby declare that all the above information is true to the best of my knowledge