



## Job Description

Name of the Company	Tatva Chintan Pharma Chem limited
Position	Sr. Executive to Mgr.- R & D (Zeolite Chemistry)
Role Purpose	To establish & innovate Zeolite/solid catalyst synthesis Product development from R & D to commercial stage
Roles that he/she reports to & Team	Head - R & D ( Zeolite)
Location	Vadodara, Gujarat
Qualification	Ph. D.- Organic Chemistry or Ph.D.- Organic/Solid State Chemistry, Organic/ In organic Catalysis,  Prefered Institure: NCL, CSIR,NCL, IIT- Delhi/ Kanpur, UDCT, IIT- Kanpur, Madras & Bombay, Punjab University & reputed Indian university
Years of experience	5 to 7 Years
Focus Area	<ul style="list-style-type: none"> <li>• To have knowledge &amp; experience of handling               <ul style="list-style-type: none"> <li>○ Preparation &amp; application of various catalyst &amp; their synthesis &amp; modification</li> <li>○ Catalytic Vapor face reaction</li> <li>○ Fixed &amp; fluidized based catalytic reactor operation,</li> <li>○ Zeolite Synthesis &amp; Characterization, zeolite Process development up to commercial level</li> <li>○ Zeolite catalyst modification for performing various chemical conversion,</li> <li>○ Continuous flow chemistry application</li> <li>○ Downstream processing, batch &amp; continuous</li> <li>○ Fix Bed Reactor</li> <li>○ Process parameters simulations</li> <li>○ Design of Experiments</li> <li>○ Literature survey by sci finder, reaxys etc.</li> <li>○ Knowledge of equipment requirements up to commercial level</li> <li>○ Developing &amp; modifying new zeolite &amp; other catalyst for various chemistry</li> </ul> </li> </ul>