

# Kartik Gurjar

Kartikgurjar04@gmail.com

9975060240 , 8827758111

## INDUSTRIAL EXPERIENCE

<p>Spinning and Aftertreatment unit ,  Grasim Industries Aditya Birla Group.  Nagda</p>	<p>Feb'19 to Present</p>	<p>Graduate Apprentice Trainee</p> <ul style="list-style-type: none"><li>● Field jobs at spinning and aftertreatment department .</li><li>● Maintaining uptime and process parameter.</li><li>● Log books entry .</li><li>● Ensuring maximum production in minimum downtime of plant .</li><li>● SOP and unit training and machine learnings.</li></ul>
<p>Ultra Tech Cement ,  Aditya Birla Group  Khor , Neemuch</p>	<p>22' June to 5' Aug 2017</p>	<p>Summer Internship</p> <ul style="list-style-type: none"><li>● overview of CCR</li><li>● Observations of Process parameter and Control Units</li><li>● Learned Cement quality control procedures</li></ul>

<p>Rashtriya Chemicals and Fertilizers Limited (RCF) Thal unit , Alibag</p>	<p>March 2017</p>	<p>Industrial visit</p> <ul style="list-style-type: none"> <li>● overview of Urea Production unit</li> <li>● overview of Ammonia plant</li> </ul>
---	-------------------	---

## RESEARCH EXPERIENCE

<p>Bharati Vidyapeeth University College of Engineering Pune</p>	<p>Nov'17 - June'18</p>	<p><b>Project</b></p> <ul style="list-style-type: none"> <li>● <b>Fluidized Catalytic Cracking</b> :- Conversion of high boiling point , high molecular weight hydrocarbon fraction of petroleum crude oil into more valuable gasoline , olefinic gases and other products</li> <li>● <b>Process steps</b> :- Three basic functions in the catalytic cracking process are</li> <li>● <b>Reaction</b>:- Feedstock reacts with catalyst and cracks into different hydrocarbons.</li> <li>● <b>Regeneration</b>:- Catalyst is reactivated by burning off coke, and recirculated to reactor</li> <li>● <b>Fractionation</b> – Cracked hydrocarbon stream is separated into various products like LPG and gasoline, light cycle oil and</li> </ul>
--	-------------------------	---

		<p>heavy cycle oil are withdrawn as side stream.</p> <ul style="list-style-type: none"> <li>● Major Product obtained from FCC :-</li> <li>● Light gas -H<sub>2</sub>, C<sub>1</sub>, and C<sub>2</sub>s</li> <li>● LPG C<sub>3</sub>s and C<sub>4</sub>s – includes light olefins</li> <li>● Gasoline C<sub>5</sub>+ high octane component for gasoline or light fuel</li> <li>● Light cycle oil (LCO) blend component for diesel or light fuel</li> <li>● Heavy cycle oil (HCO) Optional heavy cycle oil product for fuel oil or cutter stock</li> <li>● Clarified oil (CLO) or decant oil: slurry for fuel oil , Coke by-product consumed in the regenerator to provide the reactor heat demand</li> </ul>
--	--	--

## ACADEMICS

B.tech Chemical	College of Engineering	Bharati Vidyapeeth University Pune	6.92 CGPA	2018
XII (C.B.S.E)	C.B.S.E	Carmel Convent Senior Secondary School , Neemuch (M.P)	58.40	2014

X (C.B.S.E)	C.B.S.E	Carmel Convent Senior Secondary School , Neemuch (M.P)	8.40 CGPA	2012
-------------	---------	--	-----------	------

## IT KNOWLEDGE

- Diploma in Network Security ( 3 Years )
- Basic knowledge of Origin Pro , VB6, Matlab , Autocad
- Microsoft Office Word, Microsoft Office Excel, Microsoft Office Power Point

## EXTRA CURRICULAR ACTIVITIES

- Captain , school cricket team and won all school cricket tournament
- Participated in many speech and debate competitions on school level
- Have participated in many chemical engineering quiz competitions on college level.
- Participated in Science and mathematics Exhibition on School level

## HOBBIES

- Trekking, Reading , Cricket, Adventure Sports , Travelling.