



Sumit Joshi
M.Tech. (Green Technology)
Institute of Chemical Technology

Educational Qualifications (Pre-University)

Examination	Institution	%Marks
S.S.C. (2008)	Tavnappa Patane Highschool, Kolhapur	86.46
H.S.S.C. (2010)	The New College, Kolhapur	69.17

Educational Qualifications (University)

B.Tech Chemical Technology (Department of Technology, Shivaji University, Kolhapur)							
Semester	Year	%Marks / SGPA	CGPA	Semester	Year	%Marks / SGPA	CGPA
I	2010	51.54	-	V	2012	57.50	-
II	2011	54.62	53.08	VI	2013	62.88	60.19
III	2011	67.75	-	VII	2013	68.88	-
IV	2012	66.38	67.06	VIII	2014	66.63	67.75

M.Tech Green Technology (Institute of Chemical Technology, Mumbai)							
Semester	Year	SGPA	CGPA	Semester	Year	SGPA	CGPA
I	2016	7.86	-	III	2017	-	-
II	2017	7.71	7.79	IV	2018	-	-

In-Plant Training

1. Fourint Chemical Pvt. Ltd., Chiplun (Produces chemicals for leather industry)
2. Ghodawat Foods International Pvt. Ltd. Chipri (Edible Oil refinery)

June 2013
December 2012

Additional Research / Work Experience

B.Tech Final Year Project: Utilization of Agro waste to produce Low Cost Adsorbent

About the project:

- This era is of **waste minimization** and **recycling**.
- The project was to utilize the agro waste to produce low cost adsorbent i.e. activated carbon.
- Application of adsorbent on effluents of nearby industries.
- Column testing for evaluation of performance of adsorption system.

Name and location of company: Macleods Pharmaceuticals Ltd. Sarigam GIDC

Aug 2014-Dec 2014

Key Role: Trainee Technical Associate at Production (API Plant)

M.Tech Research Topic

"A continuous vapor phase synthesis of p-cresyl methyl ether using solid acids in a fixed bed reactor"

(Research Supervisor: **Prof. G.D.Yadav**)

Description: As in perfumery industry there is huge demand for aromatic ethers. Using greener processes we can produce these ethers with more efficient and eco-friendly way. We are using solid acid catalysts for this purpose, as catalysis is one of the most important principles in green chemistry and engineering. This project includes catalyst screening, catalyst development and characterization, optimization of parameters and kinetic modeling.

Instruments Used: Gas chromatography, Fixed Bed Reactor.

Academic Achievements and Awards

- **GATE 2018** and **2016** qualified.
- **Winner of Sr. IDP (Industry Defined Problem)** at Vortex 2k17 held at Institute of Chemical Technology, Mumbai.
- Completed the Certificate course in Industrial Hazards and Safety Management at Institute of Chemical Technology, Mumbai. (2016- 17)
- Obtained **1st rank** in Certificate course in **German Language (2015-16)** at Shivaji University, Kolhapur.
- Presented the model on '**Soil Biotechnology**' and won **2nd prize** in '**Model Presentation**' at University level competition.

- Participated and won **2nd** prize in '**Debate Competition**' at College level competition.
- Won **3rd** prize in '**Quiz Competition**' at University level competition.

Extra Curricula's

- Participated in State level competition '**Transform Maharashtra**' under the theme '**Launchpad: Startup Maharashtra**' organized by Government of Maharashtra.(2017)
- Won **3rd** prize & **Bronze medal** in **West Zone Interuniversity Chess Championship** & selected for **All India Interuniversity Chess Championship**.(2014)
- **Captain** of the **Winner** team in **University Lead College Chess Championship**. (2014)

Computer Knowledge

- Windows all versions
- C, C++
- MS-office (Word, Power Point, Excel)

Language Skills

- English
- Marathi
- Hindi
- German (Elementary level)

Interests and Hobbies

Playing chess, listening to music, Solving Sudoku

Personal Information

Mother's Name : Shruti Shrikant Joshi
Father's Name : Shrikant Dattatray Joshi
Date of Birth : 11 Feb 1993
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