

# CURRICULUM VITAE

Siddhesh Pravin Mandalkar (BE –Chemical Engineer)

Email: [siddheshmandalkar@hotmail.com](mailto:siddheshmandalkar@hotmail.com)

Contact Detail: (+91) 7875668193

## Career Objective:

To start my professional journey as a Research/Process chemical engineering in an industry where in a blend of chemical engineering Know-how & my in built skills can effectively contribute for the growth and prosperity of the organization.

## EDUCATIONAL QUALIFICATIONS:

Sr. No	Qualification	Board/University	Year	Percentage
1	BE Chemical	Gharda Institute of Technology, Khed	2016	Cgpa 7.43
2	HSC	Maharashtra board ,Mumbai	2011	pass
3	SSC	Maharashtra board ,Mumbai	2009	First Class with Distinction

## AREA OF INTEREST:

**ACADEMIC:** Process Engineer, Mass transfer ,process calculation etc.

**Personal Development:** learning new thing, Finding ways for cost optimization in finance of college events, Consistent with academic project execution, Meeting different people & studying their behavior.

## ACADEMIC PROJECT EXPERIENCE:

### **“PRODUCTION OF BIOGAS”**

(Summary: Lignocellulosic biomass is an abundant organic material that can be used for sustainable production of bioenergy and biofuels such as biogas (about 50 to 75% CH<sub>4</sub> and 25 to 50% CO<sub>2</sub>)The project work investigates the application of hydrodynamic cavitation for the pre-treatment of biomass with an objective of enhancing the biogas production. In this work, milled rice straw or other biomass is used as the sustainable substrate for the biogas generation from waste water. Overall, it is expected that significant enhancement in the biogas production can be obtained on the basis of pretreatment using cavitation. Here, biogas was produced along with the treatment of industrial waste water.)

## INDUSTRIAL TRAINING KNOW-HOW:

**GHARDA CHEMICAL LTD**, lote 2 weeks (July 2015)

## KEY SKILLS:

- studying people /Independent task handling / Handling high pressure tasks/ Inter-personal relationship development/ Encouraging sub-ordinate/Team Player
- Attend one day workshop of **chemcad** organize by **IIT BOMBAY** (2015)

- Drawing of piping and instrument diagram

### **WORK EXPERIENCE**

- Completed apprentice trainee [1year] in **LUPIN LTD TARAPUR**
- Currently Working as Trainee Executive in **LUPIN LTD TARAPUR**
- Monthly Solvent Loss Mapping.
- Qualification equipment (P&ID).
- Knowledge of GMP.
- Handling of production activity with proper safety and GMP.
- Knowledge of **AutoCAD software** and basics of **SAP** software.
- System Improvement Suggestions.
- Monitoring and Handling of plant equipment Like Reactor (SSR, GLR), Centrifuge, Coloum
- Calculation of condenser heat load & reflux ratio pipe size calculation power consumption

### **PREFERRED JOB ROLE:**

- Research and Development
- Process Engineer
- Production

### **PERSONAL INFORMATION:**

- Current Address : 150/A,Shantaram niwas s.g road malad (w) Mumbai-400064
- Date of birth : September 09, 1993
- Gender : Male
- Marital status : Unmarried
- Languages known : English, Hindi and Marathi

**Date:**

**SIDDHESH PRAVIN MANDALKAR**