

**PARVEZ AMJAD ALI ANSARI**  
**PG Specialization: Chemical Engineering**

**Male**  
**M.Tech.**

**University Institute of Chemical Technology Jalgaon**

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Examination	University	Institute	Completion Year	SGPA / %
<b>Post Graduation</b>	KBC North Maharashtra University	UICT Jalgaon	2019	7.80/72.08%
<b>UG Specialization: Chemical Engineering</b>				
<b>Graduation</b>	Sant Gadge Baba Amravati University	Anuradha Engineering College Chikhli	2016	8.85/71.50%
<b>Intermediate/+2</b>	M.S.B.S.H.S.E. PUNE	S.A.M English Jr. College Bhiwandi	2012	53.33%
<b>Matriculation</b>	M.S.B.S.H.S.E. PUNE	Swami Vivekanand English High School Bhiwandi	2010	77.27%

## INDUSTRIAL EXPERIENCE

### URDHWA CHEMICALS CO. PVT. LTD RATNAGIRI

Attended 15 day's industrial training program in **Urdhwa Chemicals Co. Pvt. Ltd Ratnagiri** In a Production Department and submitted a report on different operations involved in the Company.

## JOB EXPERIENCE

- 6 Months Experience as a **Research Associate** at **Crystal Crop Protection Limited, Nathupur, Haryana**
- 6 Months Experience as a **Assistant Manager in R&D** at **TBS Chemical and Engineering, Dwarka, New Delhi**

## EXTRA -CURRICULAR ACTIVITIES AND AWARDS

### Published Research paper :-

- Ganesh A. Bathe, **Parvez A.A. Ansari** .(2019). Pretreatment to lignocellulosic substrate by fluidized foam bed column. *International Journal of Management, Technology And Engineering*. Volume IX, Issue I, JANUARY. 1598-1602
- **Parvez A.A. Ansari**, Ganesh A. Bathe .(2019). Static foam Stability and Nanoparticles effects on stability. *Current Pharma Research*. Volume 9, Issue III, FEBRUARY. 2913-2918

### Participated In

- An International conference on Global Trends in Science, Technology, Humanities, Commerce and Management (2019) at SSBTCOET Dist. Jalgaon (Maharashtra) presented oral presentation.
- An International conference on Seamless Chemical Engineering in Service of Humanity : Innovations, Opportunities and Challenges (CHEMCON -2018) at NIT Dist. Jalandhar (Punjab) presented oral presentation.
- A National conference on Green Technology at MIT Pune presented Poster presentation.

- Two Days Entrepreneurship Development Program Organized By IIT KANPUR And BIOTECH CONSORTIUM INDIA LIMITED
- Entrepreneurship Summit 2018 At U.P.T.T.I KANPUR
- Two Weeks First Simulation Workshop On “ASPEN AND CFD(ANSYS) FOR CHEMICAL ENGINEERING STUDENTS AND SCHOLARS(ACCESS-2018)”.
- One Week Short Term Training Program On Advanced Industrial Waste Management Techniques Organized by UICT JALGAON
- A National conference on Recent Trends in Chemical Engineering and Technology Nagpur (Maharashtra)

## ACADEMIC PROJECTS

### **Post Graduation Project: “Dynamic Foam Behaviour of Air-Water System with or without Nanoparticles”**

#### **Details:**

- The effect of air flow, temperature and surfactant concentration on air-water with or without nanoparticles on foam system on foam height was investigated.
- Foam formation rate is more by using TiO<sub>2</sub> nanoparticle and for longer time dynamic foam height remains constant with no variation.
- When surfactant concentration in present of nanoparticle its increases the foamingness and foam stability.
- The Axial dye displacement rate is faster in absent of nanoparticle. Because decay rate is more in absent of nanoparticle surfactant solution.
- It was concluded that if the foaming power was high it doesn't affect the foamability (%).
- It means that the foam volume was higher than it has doesn't better foam stability it was affect by the time.

### **Graduation Project: “Kinetic Study Of Esterification Of Lactic Acid With nButanol Catalyzed By Anion Exchange Resin And Sulphamic Acid”**

#### **Details:**

- The esterification reactions of lactic acid with *n*-butanol have been studied in the presence of acid ion-exchange resin Amberlite 120 and Sulphamic acid.
- The esterification kinetics of lactic acid *n*-butanol catalyzed by the acid ion-exchange resin can be described using kinetic models with reasonable errors.
- The main achievements of this project are,
- The influences of catalyst loading, stirrer speed, catalyst particle size, initial reactant molar ratio and temperature on the reaction rate have been examined.
- Experimental kinetic data were correlated by using the Pseudo-homogeneous first order reversible reaction.
- The activation energy were calculated by using first order reversible reaction ,the activation energy

### **Mini project: “Numerical Method For Differential Equation In C-Programming”**

#### **Details:**

- The program given is in TURBO-C language. in the literature many more program are available for the model deals.
- further work can be undertaken to run this program in computer demonstrate the usefulness optimum performance of plant and machinery , ensure energy conservation, reduce cost and improve productivity.
- Simulation is the future of chemical engineers as well as all industries.

**Course project :-“ASPEN and CFD for Chemical Engineering Students And Scholars (ACCESS-2018)”**

**Details:**

- Simulations were performed for Pumps,Heat Exchangers,Reactors,Flash Columns in Aspen Plus Software
- The effect of mesh size, time step and convergence criteria on the hydrodynamics of the various flow are investigated.
- Works on different types of simulation software.

Attended a 11 day program on “**ASPEN and CFD for Chemical Engineering Students and Scholars**”, at NIT WARANGAL

**CHEMICAL ENGINEERING EXPERTISE**

- **Simulation Packages** : ASPEN PLUS, ANSYS, TURBO-C, MATLAB
- **Programming Languages** : C
- **Key Courses:** Process plant Simulation, Advanced process synthesis, advanced process optimization, Computational flow modelling etc.

**ANNUAL CTC**

- 3,50,000 is Current Salary

**REFERENCES**

- 9404050921 Ganesh A Bathe Assistant Professor at UICT Jalgaon.
- 7620573293 Arjoo Deshpande Junior Research Fellow at NEERI Nagpur.

**CONTACT DETAILS**

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