

## CURRICULUM VITAE



**Name: Mr. Aute Samadhan Raman**

**Course: B.E. (Chemical Engineering)**

**Institute: K. K. Wagh Institute of Engineering & Education Research, Nashik.**

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### **Objective:**

To acquire challenging and socially rewarding position, where my achievements, experience, education and my strong capabilities will be utilized for the success of the institute.

<b>Education Details:-</b>				
<b>Degree</b>	<b>University/Board</b>	<b>Year of passing</b>	<b>Percentage</b>	<b>Grade</b>
<b>Fourth Year (BE)</b>	Savitribai Phule Pune University	2018	76.60	First Class With Distinction
<b>Third Year (TE)</b>	Savitribai Phule Pune University	2017	69.20	First Class With Distinction
<b>Second Year (SE)</b>	Savitribai Phule Pune University	2016	75.60	First Class With Distinction
<b>First Year (FE)</b>	Savitribai Phule Pune University	2015	70.35	First Class With Distinction
<b>H.S.C.(Science)</b>	Maharashtra State Board, Pune	2014	67.38	Grade I
<b>S.S.C.</b>	Maharashtra State Divisional Board, Pune	2012	85.27	Grade I With Distinction

**Engineering Aggregate- 72.94%**

### **Project Work:**

#### **Final Year Project:**

**Title:** "Micro-Biological Culture Development for Effluent Treatment Plant (ETP)."

This project is an Industrial day to day problem assigned to us by "Delta Finochem Pvt. Ltd.", Wadivarhe, Nashik.

The ETP plant at "Delta Finochem" runs on a heavy load at the tertiary phase of the process - which makes it costlier. Our objective was to reduce the time required for the process by developing microbial culture which will treat the effluent during Secondary phase of the process.

#### **Third Year-**

**Mini project, Title:** "CFD Study of Triple Concentric Tube Heat Exchanger."

We performed investigations of triple concentric-tube heat exchanger with particular reference to double tube heat exchanger. We developed numerical CFD model using a finite volume discretization method. We concluded that the triple tube heat exchanger contributes higher heat exchanger effectiveness and more energy saving compared with double tube heat exchanger per unit length.

**In-plant Training-**

- Industrial training in ‘Rashtriya Chemicals and Fertilizers’ Ltd., Thal Unit, Alibag (Dist.-Raigad) for a period of 15 days (1<sup>st</sup> June to 15<sup>th</sup> June, 2017).

**Urea plant.-**

Total Capacity- 6100 MTPD

Process – Snamprogettie from Italy.

No. of Units- 03.

- Visited various industries such as, Sun Shine Paints, Ambad (Nashik), Abelin Polymers, Ambad (Nashik), Catapharma Chemicals Pvt. Ltd. Sinner,(Nashik), Vadivarhe Specialty Chemicals Ltd., Vadivarhe (Nashik), Sewage Treatment Plant, Nashik, etc.

**Co-Curricular Activities :**

- Completed Software training in Chem-CAD.
- Won 1<sup>st</sup> Prize in ‘Quiz Competition’ in RCF during training in 2017.
- Member of “Association of Chemical Engineering Students,” in our College.
- Work as Committee Member in Chemfest-2017 in College.
- Member of ‘TECHNO YUG FOUNDATION’,Nashik.
- Participated in GK, Mock Interview, Poster presentation events held in College.

**Technical Skills :**

- Able to use the Auto-CAD, Chem-CAD, ANSYS, MATLAB, UNISIM, ZW-CAD software.
- Able to use Microsoft Excel, Microsoft Word, PowerPoint, Access tools.

**Key Skills and Abilities :**

- Disciplined, positive attitude, faithful, strong willed, results oriented, determined, confident, inspiring, supporting.
- Enjoys working within a team environment together with the challenge of carrying out individual tasks which have experienced throughout University life.
- Readily accepts change and adapt quickly by recognizing the benefits.
- A creative thinker with the ability to see a bigger picture in a strategic manner and set achievable objectives.

<b>Personal Information:</b>	
<b>Date of birth:</b>	18 <sup>th</sup> October 1995
<b>Gender:</b>	Male
<b>Marital status:</b>	Single
<b>Nationality:</b>	Indian
<b>Languages:</b>	English, Marathi, Hindi.
<b>Correspondence Address:</b>	Vrindavan BACE, Plot No.10, Durga Nagar, Amrutdham, Nashik, Pin:422003.
<b>Permanent Address:</b>	At/Post-Kusur, Tal-Yeola, Dist.-Nashik, Pin: 423403.
<b>Interests and Hobbies:</b>	Reading, Listening Spiritual Lectures, Chanting, Farming.

**Declaration :**

I hereby declare that the information about me furnished above is complete and true to the best of my knowledge. For any misrepresentation or omission of fact I shall be personally liable.

Date-

(Mr. Samadhan Raman Aute )