

**SRINIVAS TENNETI**  
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**Present address:**  
Room No: D-505,  
B R Ambedhkar Hall of residence,  
IIT- Kharagpur, West Bengal.

### **OBJECTIVE:**

To attain and explore industrial level knowledge, exposure and experience in the domain of chemical engineering and associated inter disciplines through my research and contribution and utilize these skills for process intensification in an Eco-friendly way without compromising on economic viability of the activity chosen.

### **EDUCATIONAL PROFILE:**

Qualification	Duration of completion	Institution	Stream/degree specialization	% or CGPA
M. Tech	2014-2015	National Institute of Technology Rourkela	B Tech and M Tech Dual degree	8.93
B. Tech	2010-2014	National Institute of Technology Rourkela	B Tech and M Tech Dual degree	8.25
Class XII	2008-2010	Narayana Junior College Visakhapatnam	Mathematics, Physics and Chemistry	91.2
Class X	2007-2008	Flora English Medium High School Vuyyuru	Mathematics, Science and social studies with three languages including Telugu (Mother tongue)	93.17

### **INDUSTRIAL TRAINING:**

- Trained at UNITED BREWERIES & SPIRITS for the duration of 1 month during the summer of 2012 (May 5th to June 5th) in all the sections of the plant which includes Fermentation, Distillation, DM Water plant, Effluent treatment plant, Boilers and Bottling & packing. Hospet, Karnataka.
- Industrial exposure training during summer of 2013 at:
  - HPCL visakh refinery (06-05-2013 to 05-06-2013) and
  - Coal Chemical department of Visakhapatnam Steel plant (17-06-2013 to 13-07-2013).

### **COMPLETED PROJECTS:**

- Design of Auto Mix Single Stage Anaerobic Digester and Aspen plus Simulation of two stage aerobic-anaerobic digester combination for Biogas Production.
- Fabrication of Reciprocating fibrous fodder cutter for dairy applications funded by NGO named Kamadhenu Foundations for Dairy Development and Welfare in East Godavari, Andhra Pradesh.

### **PUBLICATIONS:**

Published the paper named "Effect of operational parameters on Biogas production using Tomato waste as substrate and Cow dung as inoculating medium" International Journal of Science and Research Paper ID: SUB154097 ISSN (Online): 2319-7064 Co Author: Dr (Mrs) Susmita Mishra Associate Professor NIT Rourkela.

## **SKILL SET:**

### **Soft skills:**

- Good communication skills.
- Adaptability and positive attitude are the set of my most helpful skills that helped me to handle many problematic situations.
- Working on self-controlled task immaterial to the result and circumstances is one the favorite qualities that I find in myself.

### **Technical skills:**

- Fundamental knowledge in C programming.
- Command on Aspen Simulations, Simulink confined to process dynamics and control and good practice over ANSYS Fluent.
- Fundamental knowledge on Mass Transfer and Chemical Reaction Engineering. Conceptual, practical and simulation related knowledge on Fluid Dynamics and Heat Transfer.

## **ACTIVITIES and ACHIEVEMENTS:**

- Secured 98.67 percentile (All India Rank: 207) in GATE-2015
- Secured 96 percentile (All India Rank: 553) in GATE-2014.
- Successfully presented paper based on the theme "Appropriate Climate Responsive Technologies for Inclusive Growth and Sustainable Development" which got published in JNANAGNI Souvenir by NITRAA Association.
- Served as coordinator to the Cheminegotio which was the event organized by the Chemical Engineering department of NIT Rourkela in INNOVISION 2012 (annual technical festival, NIT Rourkela).
- Participated in several school level talent search examinations and stood as District rank holder, centre 1<sup>st</sup> and centre 2<sup>nd</sup> during class VIII, IX & X respectively for the state level mathematics oriented Ramanujan talent test conducted by Ramanujan Mathematics Academy.
- Stood Second in school during X standard.

## **INTERESTS:**

- Debating with friends on various Socio-technological topics.
- Growing plants, trying to communicate feelings nonverbally and keen at observing the reflected feelings.
- Reading on personality development, analysing reviews and short stories on Indian Epics.

## **HOBBIES:**

Music, playing volley ball, long alone walks, swimming, running practice on 5 km and 10 km tracks, article and story writing, involving in the activities of technically associated NGOs and Photography.

## **DECLARATION:**

I hereby declare that all the statements made herein are true to the best of my knowledge.