

Satti Vamsi Manikanta Sai Kiran reddy

Personal Info

Address

D.no 80-19-8/1a, Sri Rama
Street, A.V Appa Rao Road
Rajahmundry,
AndraPradesh, 533103

Phone

967 642 2347

E-mail

vamsisai11@gmail.com

Skills

- Data analysis
- Lab work
- Project management
- Technical writing
- Scientific paper experience
- Inventory and supply management
- Academic presentations
- Academic research
- Literature reviews
- Research and analysis
- Study coordination
- Faculty collaboration
- Research design
- Data organization
- Course materials development
- Questionnaire development
- Event coordination
- Research reporting

Newly graduated Process engineer from prestigious University with exceptional Problem solving and Analytical skills committing to personal growth through service to community. Skilled in Process Design, Modelling and Simulation boldly pursuing innovative ways to challenge traditional ways being a wolf of pack

Work History

2017-07 -

Current

Graduate Research Assistant

Membrane Separation Labs, Kharagpur, West Bengal

- Worked on various projects related to **Design, Manufacturing and CFD analysis of Micro Conduits**
- Performed **statistical, qualitative and quantitative** analysis.
- Supported department members with **administrative, research and academic assistance.**
- Prepared materials for reports, presentations and submission to peer-reviewed journal publications.
- Researched information regarding to assist professors with academic pursuits.
- **Supervised undergraduate students** working on research projects.
- Gathered, organized and entered data into **COMSOL**
- Planned, modified, and executed research techniques, procedures and tests.

2014-09 -

Current

Subject Matter Expert

Chegg, Vishakapatnam, Andra Pradesh

- Solved **Chemical engineering and advanced mathematics** subject problems
- Coordinated with **regional coordinator** on subject related issues

2016-05 -

2016-05

Summer Research Intern

IIT Guwahathi, Guwahati, Assam

- **Fabrication of Optofluidic Devices Using Wet-etching Method** under Dr. Nageswara Rao Peela at **IIT Guwahati** under SERB project
- Developed **novice wet etching** methods for development of **Fiber based Optofluidic Devices**

- Experimental design
- Data collection and analysis
- Running experiments
- Purchasing and procurement
- Personnel resource allocation
- Forecasting
- Excellent communication skills
- Team building
- Data entry
- Technical support
- Organizing mail
- Cost estimation
- System-level electrical design and integration
- Prototyping
- Semiconductor process system
- Linux and Unix specialist
- LabVIEW
- Skilled with analytical software
- Advanced critical thinking
- 2D and 3D modeling
- Abstract and concrete variables
- Staff management
- Product development
- Highly skilled in 3D and 2D CAD
- Operation system software
- Extensive AutoCAD knowledge
- Time management
- Microsoft PowerPoint
- Documents and reports
- Oral and written

2011-03 -
2013-02

Operations Coordinator

Navata Road Transport, Eluru, Andra Pradesh

- Ensured compliance with all company standards and procedures.
- Mediated contracts with outside providers to bolster customer service and reduce costs.
- Maintained database of all the Bookings, Transportation of 250 bookings per day and goods value of 100000 rupees per day

Education

2019

Master Of Technology: Chemical Engineering

Indian Institute of Technology, Kharagpur

- Graduated first class with distinction (honors)
- Member of Chemical Engineering Association, Entrepreneurship cell
- Received MHRD scholarship
- Thesis: Computational Fluid Dynamic Analysis of Neutral Electrolyte solute through porous membrane of Micro Conduits
- Awarded Parvataneni Subhas Chandra Bose scholar
- Graduated with 8.0 CGPA

2017

Bachelor of Technology: Chemical Engineering

Gayatri Vidya Parishad College of Engineering, Vishakapatnam

- Recipient of Merit cum Means Scholarship Elected to NSS student head for national student scheme in 2015
- Thesis: Controller design for Interacting and Non Interacting systems
- Member of Rotract club

Accomplishments

- Trained undergraduate 60 students on laboratory techniques and research fundamentals.
- Elected to National student service

communication

- Regulatory standards
- Process flow analysis

Software

- COMSOL
- ASPEN
- MATLAB
- PRO II
- ANSYS
- AUTOCAD
- PYTHON
- C

Languages

- ENGLISH
- HINDI
- TELUGU
- SPANISH

scheme 360 student volunteers head

- Secured All india rank of 572 in GATE-2017
- Collaborated with investigators at IIT Guwahati to develop new methods in Micro Fabrication

Affiliations

- American Institute of Chemical Engineers
- Indian Institute of Chemical engineers
- Chemical Engineering Association
- Rotract Club member

Additional Information

- Ready to take up any role as I am goal driven process oriented person, quick learner flexible to any kind of work as you can see I have worked for various roles which indicates that flexibility, I Can work under any kind of situation leading our team to the goals assigned. I always consider giving back to community is an important of who you are. Value a lot the dignity of labor

Interests

- Yoga
- Philosophy
- Cooking

I hereby declare that above information
is true
to the best of my knowledge