

CURRICULUM VITAE

Meenu Verma

Permanent Address:

63, Moti Bazaar

Dehradun

Phone: +91 7827758089

Email: meenuverma1990@gmail.com

CAREER OBJECTIVE

Actively looking for assistant professor position to teach Chemical Engineering students and help them embark the glorious career path in the said field.

PROFESSIONAL EXPERIENCE

Organization : Tata consultancy Services (TCS)
Designation : System Engineer
Work Profile : Developing Oracle Application programs for chemical companies
Duration : 2 years and 10 months (Sept, 2012-June, 2015)

ACADEMIC BACKGROUND

| Year(s) | Qualification – Degree / Diploma / Certificate | Board/University | College / Institute/ University | Percentage / CGPA |
|---------------------|--|--|--|-------------------------------|
| 2015-2017 (Ongoing) | M.Tech Chemical Engg.(Process Design) | University Of Petroleum and Energy Studies | University Of Petroleum and Energy Studies | 8.5(upto 3 rd sem) |
| 2008-2012 | B. Tech chemical Engg. | Banasthali University | Banasthali University | 76% |
| 2008 | All India Senior Secondary School Examination | CBSE | Kendriya Vidyalaya No.1,D.Dun | 75% |
| 2006 | All India Secondary School Examination | CBSE | S.G.R.R Public School, Raja Road, D.Dun | 83.4% |

TRAININGS & PROJECTS UNDERTAKEN

1. M.Tech Major Project

| | |
|----------------------|---|
| Institution | Indian Oil Corporation Limited, R & D Faridabad (IOCL) |
| Project Title | Particle-Gas Simulation for Performance Prediction of Commercial Scale FCC Regenerator Cyclone System |
| Description | This project aims at carrying out the particle gas simulation of a two stage |

| | |
|-----------------|---|
| | commercial scale FCC regenerator cyclone presently used at Gujarat Refinery. We aim at increasing the performance (Collection Efficiency and pressure drop) of the cyclone by changing its design parameters. The cyclone design is been made using AUTOCADD Inventor and simulation is carried out using BARRACUDA CPFD simulation software. |
| Duration | June 2016-Ongoing |

2. B. Tech Major Project

| | |
|----------------------|---|
| Institution | Indian Institute Of Petroleum , Dehradun |
| Project Title | Preliminary Plant economics involved in fast pyrolysis plant of Jatropha bio-oil. |
| Description | This project studied the preliminary plant economics associated with the fast pyrolysis of Jatropha plant. All the cost related to the plant including Raw material cost, equipment cost, Depreciation analysis and profitability analysis. |
| Duration | June, 2011 – Dec, 2011 |

3. B. Tech Summer Project

| | |
|----------------------|---|
| Institution | Oil and Natural Gas Corporation, KDMIPE, D.DUN |
| Project Title | Modeling of fluid flow through porous media with special reference to petroleum reservoir. |
| Description | This project aims at developing an understanding of mechanism of fluid flow in petroleum reservoir through mathematical formulations. It also concerns with general as well as special features of the governing equations describing two phase flow in 3-dimension and attempted to construct numerical schemes for one dimension problem. |
| Duration | June, 2010 –July , 2010 |

ACADEMIC / EXTRA CURRICULAR ACHIEVEMENTS

- Poster presentation on “Hydrogen production and storage: Key challenges and opportunities” at Chemcon 2015 IIT Guwahati.
- Carried out a project on “Generation and storage of hydrogen by synthesis of Ru, Cd, and lithium doped TiO₂ nanotubes” funded by RISE, University of petroleum and Energy studies.
- Active Radio Jockey at Banasthali Radio Station, Rajasthan.
- Attended workshop on CFD by CD ADAPCO at Cognizance IIT Roorkee.
- Member of Innovative Chemical Engineers (ICE) Banasthali University
- Always been a part of student’s cabinet at school level.
- Participated in various Quizzes and Debates.
- Student member of Indian Institute of Chemical Engineers (IICE).
- Attended workshop on “Ethical hacking and network security” organized by Kyrion.

- Participated at cognizance held at IIT Roorkee (2009).

COMPUTER SKILLS

Simulation : CPFD (Computational Particles Fluid Dynamics) BARRACUDA
Design : AutoCAD Inventor
Software : Matlab
Languages : C,C++,java, SQL, PISQL, Oracle applications

PERSONAL DETAILS

Date of Birth : 18-05-1990
Father's Name : Mr. R.K Verma
Mother's Name : Poonam Verma
Marital status : Married
Husband's Name : Prerit Gupta
Category : General
Gender : Female
Nationality : Indian
Home Town : Dehradun
Permanent Address : 63, Moti Bazaar, Dehradun
Phone No. : 7827758089
Languages Known : Hindi, English
Mobility : Willing to relocate anywhere in India and overseas

I declare that the details above are correct and true to the best of my knowledge.

Meenu Verma