

## **KHUSHBOO SINGH**

15 B Vatika Suncity Vistaar, near Fun City, Bareilly, Uttar Pradesh, Pin Code- 243001

**Contact:** 7906471871 **Email:** [erkhushboosingh88@gmail.com](mailto:erkhushboosingh88@gmail.com); **Date of Birth:** 19<sup>th</sup> April, 1988

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## **TEACHING PROFESSIONAL**

Seeking senior level assignments across the Education industry

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### **PROFILE**

- Competent and result oriented professional with an experience of **6 year in Teaching.**
- Spearheaded **efforts across planning & conceptualizing various teaching strategies** aimed towards the growth of students as well as of institute.
- **Dexterity in assessing changing market environs** and capable of establishing new milestones through evolved managerial skills.
- Possess excellent people management, effective communication, and strong interpersonal skills, adept at handling administrative/ operational tasks.
- Comprehensive knowledge of subject matter, relevant topics and issues in the teaching discipline.

### **AREA OF INTEREST**

- Heat transfer
- Mass transfer
- Thermodynamics
- Petroleum refining
- Chemical process calculation
- material and energy balance
- Petroleum testing
- Process Instrumentation and control

### **Core Competencies**

✧ Promotional Activities ✧ Strategic Planning ✧ Team Management ✧  
✧ Strong Interpersonal Skills ✧ Leadership Qualities

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### **PROFESSIONAL EXPERIENCE :**

**GRAPHIC ERA UNIVERSITY, DEHRADUN**

**SEP'2016-MARCH'2017**

*Department of Petroleum Engineering*

*Assistant Professor*

- Developing Heat transfer Lab, Petroleum Testing Lab and Process Instrumentation Lab.

**Subject taught:** environmental engineering, Natural gas treatment, Petroleum testing, Heat transfer, Process Instrumentation and chemical process control.

**TMU, MORADABAD**

**SEP'12-OCT'14**

*Department of Chemical Engineering*

*Assistant Professor*

**Subject taught:** Heat transfer, Mass transfer I and II, chemical process calculation, numerical methods in chemical engineering, engineering mathematics, environmental engineering, chemical engineering thermodynamics I and II, Material and energy balance.

**Labs:** Mass transfer I and II, Heat transfer, Thermodynamics I and II, Chemical Process Engineering

**AMU, ALIGARH**

**NOV'11- JULY'12**

*Department of Petroleum studies*

*Assistant Professor*

- Developing credibility in providing a strategic direction for the growth of the University.

**Subject taught:** environmental engineering, Natural gas treatment, Petroleum testing, Heat transfer, chemical process control.

**Lab:** Petroleum testing lab, Heat transfer Lab.

**I.E.T.M.J.P. ROHILKHAND UNIVERSITY**

**AUG'08 – JUNE'10**

*Department of Chemical Engineering*

*Assistant Professor,*

**Subject taught:** Transport Phenomena, fluid and particle mechanics, Chemical process calculation, material science, Process instrumentation, Process dynamics and control,

**Labs:** heat and mass transfer lab, Fluid and particle mechanics lab, industrial pollution control lab.

**Other duties:**

- Looked after the Lab and departmental library for its proper functioning and development.
  - Setting external exam papers of various subjects of chemical engineering.
  - Under taking undergraduate students industrial and departmental project reports.
  - Taken external viva in B.Tech course as an external examiner.
  - BOS member in department of chemical engineering of I.E.T.M.J.P.Rohilkhand University, Bareilly.
  - Worked as student advisor and mentor as well as.
  - Handled wide array of responsibilities related to management (organizing extra co-curricular activities for the betterment of the student.)
  - Demonstrated ability to manage human, financial and material resources towards the achievement of stated objectives, to plan and manage work programs and to lead, motivate and provide effective guidance & training to a team of professional juniors.
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## EDUCATIONAL CREDENTIALS

**M.Tech 2010** ♦ AMU, Aligarh; Department of Petroleum Studies (specialization: petroleum refining and petrochemical engineering); Percentage: 76 %

**B.Tech (Chemical Engineering) 2008** ♦ Institute of Engineering and Technology, I.E.T.M.J.P.Rohilkhand University, Bareilly; **CGPA 8.08**

**12<sup>th</sup> 2004** ♦ K.K.S.B.V.M, Bareilly, U.P. Board; **62%**

**10<sup>th</sup> 2002** ♦ K.K.S.B.V.M, Bareilly, U.P. Board; **59%**

### Software Proficiency

MS Office & Internet Application

### Summer Internship

- Completed one-month internship at IFFCO (India) Ltd. at Aonla. Worked on the Overview of ammonia production unit

### Project Undertaken

- Worked on the project to design “U Type Distillation Column” (M.Tech)
- M.Tech thesis on “Interaction between drag reducing polymers and surfactants.”
- Performed practical’s based upon “Industrial Pollution Control” in BHU (B.Tech).

### Training Attended

- Attended a work shop organized by “ONGC”.
- One-month training on “ammonia production plant” at IFFCO, Aonla.
- Attended a program of industrial pollution control lab in BHU, Varanasi .

### Seminar Presented

- Presented seminar on “Gas Hydrates as a Future Energy Resources” (M.Tech)
- “Interactions between drag reducing polymers and surfactants” (M.Tech)
- Presented seminar on “CCS Technology”
- Presented seminar on “CO<sub>2</sub> Surfactants”.
- Presented seminar on “Delayed Coaking” (B.Tech)

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### Extra-Curricular Activities

- Awarded for the best seminar presentation in B.Tech, in 2008.
- Participated in science exhibition at school level and was being awarded second position.

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### Personal Detail

- Name: Khushboo Singh
- Husband’s Name: Mr. Sandeep Kumar
- Date of Birth: 19<sup>th</sup> April 1988

- Sex: Female
- Marital status: Married
- Nationality: Indian
- Languages: Hindi, English
- Hobbies: Singing, Reading, Listening Music.

**References:** Available on Request