

Name: Vinay Shah
Assistant Professor, USCT
Office Address: Room No. 008, B Block,
University School of Chemical Technology
Guru Gobind Singh Indraprastha University, Dwarka, Delhi-110078
Contact Detail: 011-25302471, 9873583484
E-mail Id: vinay004@ipu.ac.in



Mr. Vinay Shah is working as Assistant Professor in University School of Chemical Technology. He is associated with the University from October; 2013. He obtained his M.Tech from IIT Roorkee in Chemical Engineering Department (Specialized in Computer Aided Process Plant Design) in 2012. He has worked in Dr. B. R. Ambedkar National Institute of Technology Jalandhar, formerly Regional Engineering College Jalandhar as assistant professor. He has more than Six years of teaching experience. He has worked in the field of Modelling and Simulation, Biofuels, Alternate Energy Resources and Currently working on techniques for production of clean fuel from waste. He has guided more than 12 B.tech projects and one M.tech project and five B.tech projects are under process. He is an active member of Training and Placement Cell of USCT From 2014 to till date.

A glimpse of his career in the GGS IP University:

Workshop

Industry – Academia Workshop on “Environmental Issues & Challenges in the Upstream E&P Operations” Organised by Petroleum Federation of India & Lovraj Kumar Memorial Trust In association with Oil India Limited, Jaisalmer Dates: September 22 – 24, 2014

Workshop on Energy Conservation Opportunities in Crude Oil Refining and Petrochemical Sector Wednesday, February 5, 2014 at Mirza Ghalib Hall, SCOPE Convention Centre, SCOPE Complex, 7 Institutional Area, Lodhi Road, New Delhi-110003

One day workshop on Digital Creativity Skill organized ny Adobe digital India and GGS IP University on 5th April, 2018

Short Term Course

9th Summer School Programme “Petroleum Refining & Petrochemicals” organized by Indian Oil & Institute of Petroleum Management, 83, Institutional Area, Sector-18, Gurgaon from 2nd-6th June 2014

The Short Term Course on “Tools and Techniques For Modelling and Simulation (TTMS-2018)” organized by Department of Instrumentation and Control Engineering Netaji Subash University and Technology , Dwarka , New Delhi from 17th to 29th December 2018

Orientation Program

106th orientation programme organized by UGC- Human Development Center, Deen Dyal Upadhyay, Gorakhpur University, Gorakhpur from 03/01/2017 to 30/01/2017

Conference Papers (National and International)

1. **International Conference** on Suitable Technologies for Energy and Environment in Process Industries and Indo-US Joint Conference on Energy and Environment also Presented a paper entitled “**Literature Review on Gasohol: as an age extender of Gasoline**” Organized by Indian Institute of Chemical Engineers Doaba Regional Center and Department of Chemical

Engineering Dr. B.R Ambedkar National Institute of Technology, Jalandhar, Punjab Date:27-30,December 2012

2. National conference in University School of Chemical Technology, Guru Gobind Singh Indrapratha University "IDCT'14"and presented a paper on "**Modeling and simulation of FCCU Riser Reactor:Carbon number basis lumping Scheme**"published in proceeding
3. National conference on Advances in Chemical and Environmental Engineering and presented a paper entitled "**A novel lumping scheme for modelling and simulation of Fluid Catalytic Cracking Riser Reactor**" Organized by Department of Chemical Engineering Dr. B.R Ambedkar National Institute of Technology, Jalandhar, Punjab Date: April, 22-23,2016
4. International Conference on Advances in Analytical Sciences (ICAAS-2018) and presented a paper entitled "**Microorganisms: As a biofuel resource and A Novel process of water treatment**" jointly organized by Indian Society of Analytical Scientists (ISAS)-Delhi Chapter and CSIR-Indian Institute of Petroleum Dehradun, Uttarakhand. Date: 15th to 17th March, 2018.
5. National Conference on Advances in Chemical Science & Technology "ACST-18" on "Process Equipment Design of Continuous Pyrolysis for Waste Plastic" DST-FIST sponsored Department of Chemical Engineering, Dr. B. R. Ambedkar National Institute of Technology& Department of Chemistry, Government Women Engineering College, Ajmer, Rajasthan, India. April 27-28, 2018

Project

S.No.	Title of Project	Sanctioned Authority	Duration	Year of Sanction
1.	Optimization of Process parameters for the production of bioethanol from agricultural waste	GGs IP University	01 year	2016
2.	Maximization of biethanol yield by fermentation using bacterial co-culture	GGs IP University	01 year	2017
3.	Value added Products and Energy From NRP (Non-recycled Plastic) and Biomass Pyrolysis	GGs IP University	01 year	2018

Administrative Duties:

1. Faculty co-ordinator of **Chemchord 2016** (A technical fest of USCT)
2. Member of organizing Committee **Anugoonj 2016, Anugoonj 2017, Anugoonj 2018 and Anugoonj 2019**
3. **Warden** of Aravali boys Hostel (April, 2017 till date)
4. **Additional/Deputy Center Superintended** of spot Evaluation center **2013, 2014, 2015, 2016, 2017, and 2018-19**