

A. VIJAYA LAXMI

Assistant Professor (C)

Department of Chemical Engineering

University College of Technology, Osmania University,

Hyderabad-500007

Telangana, India.

Phone: +91 81794 93731

Email: vijaya.a57@gmail.com

Academic Experience:

- **Assistant Professor(C):** Aug 2013- Present at University College of Technology, Osmania University, Hyderabad
- **Courses Taught:**
 - Chemical Reaction Engineering-II
 - Mechanical Unit Operations
 - Environmental Studies
 - Heterogeneous Catalysis
 - Chemical Reaction Engineering (Practical)
 - In Organic Chemical Technology (Practical)
 - Mechanical Unit Operations (Practical)
 - Computational fluid dynamics (Practical)
 - Technology of Pharmaceutical and Fine Chemicals (Practical)
 - Modern concepts in Catalysis and Surface Phenomena
 - Advanced reaction Engineering LAB
 - Organic Chemical Technology LAB
- Worked as Teaching assistant for the undergraduate course on Simulation Lab (2013) at IIT Hyderabad

Educational Qualifications:

M.Tech in Chemical Engineering:	2011-2013
<ul style="list-style-type: none">• Indian Institute of Technology(IIT) Hyderabad• CGPA: 7.95• Thesis: Photo-Catalytic Conversion of Biomass-derived Compounds to Hydrogen Over Titania Supported Metal Catalysts.• Mentor: Dr. Debaprasad Shee, IIT Hyderabad	
B.Tech in Chemical Engineering:	2007-2011
<ul style="list-style-type: none">• University College of Technology, Osmania University Hyderabad• Percentage: 70.95	
Intermediate (Board of Intermediate Education):	2005-2007
<ul style="list-style-type: none">• Trinity Girls Junior College, Karimnagar• Percentage: 91.5	
SSC (Board of Secondary Education):	2005
<ul style="list-style-type: none">• ZPP High School, Ibrahimpatnam, Karimnagar• Percentage: 91.3	

Technical Skills:

Operating System : Windows, Linux
Programming : C Language
Scientific Packages : Origin, Aspen Plus, FLUENT

Paper Publications:

Vijaya Laxmi A, Jyothi T, Sailu C., 2019, Particle engineering by spherical crystallization, in Scopus Indexed Journal, IJMPERD, Impact factor 7.6

Conference Presentations:

- Vijaya Laxmi A, Jyothi T, Sailu C., 2019, Particle engineering by spherical crystallization, presented a paper at National Conference on Emerging Trends in Mechanical and Chemical Engineering (NCETMCE) Hyderabad, 24th - 25th January 2019
- Vijaya Laxmi A, Pravallika G, Jyothi T, Sailu C, Spherical Crystallization of Benzoic Acid: Study of Process Conditions, International Conference On Chemical Engineering Towards Sustainable Development, CHEMCON-2016, Dec' 27-30, Chennai
- Vijaya Laxmi A, Venkata Chandra Sekhar Palla, Debaprasad Shee and Sunil K Maity, Photo-Catalytic Conversion of Biomass-derived Compounds to Hydrogen Over Titania Supported Metal Catalysts, International conference on Chemical and Bioprocess Engineering- India (ICCBPE-IN-2013), Nov' 16-17, 2013, NIT Warangal

Seminars / Workshops Attended:

- Attended a Five day Faculty Development Programme on Design and Analysis of experiments & optimization Techniques, 13th -17th November 2018, at Anurag group of Institutions, Hyd 2019
- Attended one week short term GIAN course on Chemical Vapour Deposition 14th -20th Sep 2018, at Uct, OU hyd.
- Attended one week Faculty Development Programme on Academic English Integral Personality Development and Research methodology, Department of technology, UCT, OU, Hyd 8th-12th feb, 2018
- One day seminar on "Institutionalization of Quality Assurance System in Higher Education" on 1 st August 2017 at PGRRCDE, OU
- Participated in OU Centenary Celebrations, 26th- 28th April, 2017
- Participated in One day National Seminar on How to adapt Ambedkar for the future, 17th April, 2017
- Participated in One day National Seminar on "Innovation Instrumentation and Intensification in Processes " 30th March, 2017
- Three days technical Symposium "Technosmania-2017", Osmania University, 23 rd-25th March, 2017

- One day workshop on “Technology for Saving Water and waste water management”, 21st March 2017
- Two days seminar on Sri Aurobindo conducted at Osmania University, December, 2016
- Attended the workshop on “Teacher Effectiveness Program”, May 1-2, 2015, at IIT Hyderabad
- Attended a workshop on “Computer Solution Tools in Engineering Education and Academic Research”, at UCT, Osmania University, Hyderabad, 2014
- Attended a workshop on “Green process for Energy conversion” 29-30 December, 2014, at IIT Hyderabad
- Attended a “National Workshop on Recent Trends in X-ray Diffraction Techniques (NWRTXRD-15)” 29th & 30th May, 2015 at Phy Dept, UCS, Osmania University, Hyderabad
- Attended a seminar on “Recent Trends In Process Intensification Methods” 29th Sep, 2014, at UCT, Osmania University

Industrial Visiting:

- Nuclear Fuel Complex at Mallapur, Hyderabad
- Hindustan Petroleum Corporation LTD at Hyderabad

Extra-Curricular Activities:

- Worked as a Program Convener for NBA Program at University College of Technology, OU, Hyderabad
- Coordinated for One day workshop on “Technology for Saving Water and waste water management”, 21st March 2017 as a Convener
- Volunteered for SAANKETANI 09, national level symposium at Chemical engineering, Osmania University.
- Volunteered for CATALYSIS 2011, national level symposium at UCT, Osmania University
- Participated in TECNOSMANIA-2015, at UCT, Osmania University, Hyderabad

Recognitions

- Qualified GATE-2011
- Won merit award called ‘PRATHIBA’ from govt. of Andhra Pradesh, India in 2005