

## CURRICULUM VITAE

**Ms. Ch. Maneesha**

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### CAREER OBJECTIVE:

To build promising career by excelling in the field of chemical technology and to secure a challenging position.

### WORK EXPERIENCE:

- ✓ Working as Assistant Professor Adhoc in JNTUACE Anantapur from October 2019 to till date.

### EDUCATIONAL QUALIFICATIONS:

- ✓ Pursuing Ph.D (Chemical Engineering) from JNTUA.  
*Title: Studies on Photocatalysts for Transesterification of waste oils for Bio-diesel Production*  
*Supervisor:* Dr. B. Dilip Kumar, JNTUACEA, Ananthapuramu.
- ✓ M.Tech (Nanotechnology) from J.N.T.U. Anantapur with 8.24 CGPA in 2018.  
*Title: Synthesis of Silver Nanoparticle by using Ocimumsanctum Leaves and their antimicrobial activity.*  
*Supervisors:* Dr. P. Dinesh sankar Reddy, JNTUA CEA, Ananthapuramu
- ✓ B.Tech (Chemical Engg) from JNTUACEA , Anantapuramu with 72.4% in 2015.
- ✓ S.S.C. from S.V. Chaitanya High School , Bananganapalli with 86.4% in 2009.

### Projects Guided:

- B. Tech – 1 batch completed (1 ongoing)
- M. Tech – 2 (Co-Supervisor)

## **B.TECH COURSES HANDLED:**

- ✓ Energy Engineering
- ✓ Industrial Pollution Control Engineering

## **M.TECH COURSES HANDLED:**

- ✓ Synthesis and Applications of Nanomaterials
- ✓ Bottom Up Synthesis of Nanomaterials
- ✓ Lithography and Nanofabrication
- ✓ Air pollution Control and monitoring

## **LABS HANDLED:**

- ✓ Chemical Technology Laboratory
- ✓ Momentum Transfer Laboratory
- ✓ Chemical Reaction Engineering Laboratory
- ✓ Process Heat Transfer Laboratory
- ✓ Mass Transfer Operations Laboratory
- ✓ Energy and Environmental Engineering Laboratory
- ✓ Synthesis and Processing Laboratory
- ✓ Nanometrology and Microscopy

## **HANDS ON EXPERIENCE ON THE FOLLOWING EQUIPMENT:**

- ✓ UV-Visible Spectroscopy (UV-Vis )
- ✓ XRD (X-ray diffraction)

## **SOFTWARE EXPOSURE:**

Programming languages : C  
Packages : MATLAB.

## **FACULTY DEVELOPMENT PROGRAM:**

1. Participated & completed successfully 5 day international **Online** FDP on "*Sustainable nanotechnologies SNT-2022*" from **11-10-2022** to **15-10-2022** Organized by GMR Institute of Technology, Rajam, Andhra Pradesh, National Institute of Technology-Warangal, Telangana
2. Attended Three day e-Faculty Development programme on "*Best practices in teaching and learning*" from 05/09/2022 to 07/09/2022, Organized by Shanthiram college of Pharmacy , Nandhyal.36]
3. Participated in the One Week Faculty Development program on "*Renewable and clean Energy Conversion Technologies and materials*" Organized by University college of Engineering and Technology, BIKANER & JNTUA CEA Anantapur from 4<sup>th</sup> to 8<sup>th</sup> January 2021.
4. Participated in A Four Day National Faculty Development Programme on "*Advanced Technologies in Chemical Industries*" organized by the Department of Chemical

Engineering in association with IChE-SPCET Student Chapter from **June 23, 2020 to June 26 2020**.

5. Participated and completed the 3-day online FDP on “**Recent trends in Energy Conversion And Storage devices**” conducted by the Department of AS&H(Physics), Tirumala college of Engineering, Narasaraopet during **29-06-2021 to 01-07-2021**
6. Participated and completed the 2 week FDP on “conducted by the Department of AS&H(Physics), Tirumala college of Engineering, Narasaraopet during **29-06-2021 to 01-07-2021**
7. Participated in faculty development program on “Mathematical modeling and simulation for scientists & engineers” organized by department of chemical Engg, JNTUA CE, Ananthapuramu during 24-02-2020 to 07-03-2020.
8. Participated in Online FDP on “Laboratory and Workshop Learning Skills in Conducting Practical Classes” organized by Department of Chemical Engineering, JNTUACEA, and Directorate of Faculty Development & IQAC, JNTUA, Ananthapuramu from 15-02-2021 to 20-02-2021.

### **SEMINARS / WORKSHOPS ATTENDED:**

1. Participated in a Three –day Indo-US workshop on “**Next Generation of STEM Scientists(NGSS-2022)**” Organized by Marwadi University , Rajkot, Gujarat in collaboration with National Institute of Technology- Uttarakhand, University of Virginia \_USA, Sri satya sai institute of Higher learning-AP , Lovly Professional University –Punjab from 4-6<sup>th</sup> August,2022
2. As attended Lecture-I of the Lecture Series on “Is Chemical engineering a Versatile Profession? (Insights into my experiences as a Chemical Engineer to date)” organized by UCT-OU Student chapter Department of Chemical Engineering, University College of Technology in association with Indian Institute of Chemical Engineers, HRC on 25<sup>th</sup> July 2022.
3. As attended Lecture-VI of the Lecture Series on “Diagnostic testing in a post covid world enabled by microfluidic technologies” organized by Department of Chemical Engineering, JNTUA College of Engineering, in association with Indian Institute of Chemical Engineers, HRC on 3<sup>rd</sup> June 2022.
4. Participated in a one day workshop on “**Engineering interventions to Combat COVID-19 Pandemic**” conducted by Department of Chemical Engineering, JNTUA College of Engineering, on 18<sup>th</sup> July 2020.
5. Participated in the National Webinar on “**Technological Innovation and Academia Industry Collaboration under Self-Reliant India**” organized by Department of Electrical and Electronics Engineering, MSAJCE, Chennai on 23/07/2020
6. Participated in the National Webinar on “**Green Chemistry Based Synthesis of Some Bioactive Compounds**” organized by Department of Basic Sciences & Humanities, Vignan's Institute of Management & Technology for Women, Hyderabad. conducted on 12-08-2020,
7. Participated on Two-day workshop on “**Development of MOOCs and Production Techniques**” organized JNTUACA During 17<sup>th</sup> and 18<sup>th</sup> January 2020.

### **Reference:**

Dr. Dilip Kumar Behara  
Associate Professor  
Department of Chemical Engineering  
JNTUA CEA

Anantapur  
Phone no.+919247192692

### **Declaration**

I hereby declare that the above information is true and correct to the best of my knowledge. I assure you my devoted service to the organization if appointed.

**Date:**

**Place:**

**(Ch.Maneesha)**