



**Name:** Dr.P. PADMAVATHI

**Designation:** Assistant Professor

**Department:** Humanities and Sciences

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**Experience (in years): Teaching: 23yrs, Research: Nil, Others (If any, Specify):**

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	JULY 2016	Environmental Science and Technology
3	M.Sc	1992	Organic Chemistry
4	B.SC	1989	CBZ

### 2. Teaching and Learning:

#### 2.1 Teaching Interests:

- Engineering Chemistry, Organic Chemistry, Environmental Chemistry, Instrumental Methods of Analysis,

#### 2.2 Novel Teaching & Learning Techniques adopted:

- Concept maps
- Mind maps
- Cross-Word,
- Word Search
- Cheat Sheet
- Match the following
- Word Scramble
- POGIL

#### 2.3 Involvement in curriculum updating / Design:

Participated in the I.B.Tech Engineering chemistry and Chemistry of Engineering Materials curriculum design as BOS member .

### 3. Co-curricular and Extra-Curricular Activities

#### 3.1. Interests and Hobbies:

- Mentoring students
- Practicing the novel methods of teaching.

➤ Music

➤ Sports

3.2. CCA/ECA Organized:

- Organized NSS special camp at Reddipalli and Manthur
- Organized Digidhan parigyan programme on cashless transactions at VNRVJIET
- Organized VISAKHA an awareness programme on cashless transactions at Suraram village
- Organized Road safety day programme at VNRVJIET
- Organized SARAADHI programme at VNRVJIET during Convergence 2017 at VNRVJIET.

3.3. CCA/ECA participated:

Cultural day Annual day committee member

3.4. Counseling and Mentoring Activity:

3.5. Committees involved in:

Department level:

- Academic coordinator ( CE )

Institute Level:

- VNRVJIET-BOS member
- NSS Programme officer UNIT-1

## **4. Conference / Workshop / Seminar / Guest Lectures:**

4.1 Conducted:

**Workshops**

- 3-day workshop on “Engineering the Education scenario towards a Learner Centric Environment” from 4<sup>th</sup> to 6<sup>th</sup> August in 2014 at VNRVJIET.
- Nano Technology – The Present and Future aspects on 5<sup>th</sup> April 2010.
- A Two day Workshop on “Faculty Orientation in Engineering Chemistry” on 24<sup>th</sup> – 25<sup>th</sup> September, 2010, at VNR Vignana Jyothi Institute of Engineering and Technology.
- Organized a guest lecture on carbon nanotubes and applications by U. Padmaja at VNRVJIET IN 2011
- Organized a guest lecture on Nano Technology and applications by Dr. Ramdevudu at VNRVJIET IN 2010

4.2 Attended:

- Attended a 10 week FDP programme on Use of ICT in Education for Online and Blended Learning from April 2016 to June 2016 and successfully completed the course and got Top Performer award.
- A seminar on “Nanoscience and Technology for sustainable infrastructure” by Dr. Sessa. S Srinivas from Florida Polytechnic University USA, conducted by Centre for Nanoscience and Technology on 6<sup>th</sup> July 2016.
- Attended a 2 day workshop on “Innovations in Waste, Water and Energy Technologies for Rural Development”, organized by BITS ,Hyderabad on 13<sup>th</sup> to 14<sup>th</sup> July 2015

- Attended a 2 day workshop on “3D printing” conducted by the department of Mechanical Engineering at VNRVJIET during 19<sup>th</sup> -20<sup>th</sup> March 2015.
- Attended a two day workshop on “ Role of Chemistry in Advanced Engineering Materials” on 26<sup>th</sup> and 27<sup>th</sup> July 2013 at Vasavi College of Engineering ,Hyderabad
- Attended a one day workshop on “Advanced Materials and their application 2013”, Organized by H&S Dept VNRVJIET
- Attended a Three day workshop on Art of Teaching Feb 11-13<sup>th</sup> 2013 by IIT-Hyderabad.
- Attended a lecture on Teaching methodologies and classroom Management by Prof Rao Unnava at VNRVJIET on 19<sup>th</sup> March 2013.
- Attended a one day workshop on “INTRO TO POGIL ”at Holy Cross Degree College BHEL-Hyderabad. On JUNE 21<sup>st</sup> 2013.
- Attended a lecture on “A Birds view of Nanomaterials in Science and Technology” by Dr. Brahmaji Rao at VNRVJIET on 25<sup>th</sup> July 2013.
- Attended a EMS lecture on Teaching and learning process a Paradigm shift by Dr. Kiranmai at VNRVJIET.
- Attended a EMS lecture on Demystifying Intellectual property Rights by Dr.Ramesh Chandra at VNRVJIET
- Attended a EMS lecture on Classroom Strategies and Management by Dr. C. Jyotsna at VNRVJIET.
- Attended a lecture on “**Our Inputs For Greener Environment**” by Dr.C.Jyotsna at VNRVJIET.
- Attended a one day workshop on “**INTRO TO POGIL** “organized by Dr. Sandhya Kode and Dr.C.Jyotsna on February 16<sup>th</sup> 2013.
- Attended all the POGIL follow up sessions organized by Dr. Sandhya Kode and Dr.C.Jyotsna conducted on March 1<sup>st</sup> and 13<sup>th</sup>, April 13<sup>th</sup> 2013.
- Attended a one day workshop on “**INTRO TO POGIL**” workshop organized by Dr Sandhya Kode Dr. C. Jyotsna at VJIM.
- Attended a two day workshop on pedagogy of technical writing organized by Humanities and Sciences Dept on 6<sup>th</sup> and 7<sup>th</sup> September 2012.
- Attended a lecture on teaching based learning outcomes by Dr P.G. Shastry on August 11<sup>th</sup> 2012.
- Attended a lecture on “Excellence in Engineering Education” by Dr P. Raghavendra Rao on September 28<sup>th</sup> 2012.
- Attended a lecture on Teaching Based Learning Outcomes by Dr P.G. Shastry on August 11<sup>th</sup> 2012.
- Attended a one day workshop on POGIL by Dr.Cliff and Technology for education by Dr. Kinshuk on 23 July 2012 at VNRVJIET.
- Attended a guest lecture on Material science organized by EEE department at VNRVJIET in 2011.

## **5.Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures: NIL

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided:

a) UG: NIL

b) PG:

5.5. Research Interests:

Organic chemistry, Environmental Chemistry, Water and Waste Water Treatment, Pollution control Technology

5.6. Ph.D students:

a) Enrolled: NA

b) Submitted: NA

c) Awarded: NA

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1.	Impact of ash pond on Drinking water quality in the vicinity of thermal power plant	Communication in progress			
2	Ambient air pollutant levels in the vicinity of Thermal power plant.	IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)	E-ISSN: 2319-2402,p- ISSN: 2319-2399.Volume 9, Issue 2 Ver. I (Feb 2015), PP 56-60.	1.82	International
3	Impact of Air Pollution on Crops in the Vicinity of a Power Plant: A Case Study	International Journal of Engineering Research & Technology (IJERT) Vol. 2 Issue 12,	December – 2013 ISSN: 2278-0181	1.76	International
4	A Mini Review on the Minimization of hazardous Compounds in the Pharmaceutical Waste	CSRL 2013,1(4),224-227	ISSN 2278-6783	4.0	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
s1	Air Pollution Tolerance Index in certain plants in the vicinity of a Thermal power station –A case	“New Dimensions in Chemistry & Chemical Technologies Applications in	International	June 23 <sup>rd</sup> to 25 <sup>th</sup> 2014 at JNTUH-Hyderabad.

	study	Pharma Industry “		
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5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
	NA				

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
	NIL				

**6. Awards / Honors received:**

- Best Teacher award by Lions club Serilingampally.
- Top performer in the IIT BombayX FDP programme

**7. Motto:** The best preparation for tomorrow is doing your best today.

