

Name : K.PADMAJA
Designation: Assistant Professor

Department: Humanities and Sciences

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Experience (in years): Teaching: 25 Research: 5 Others (If any)



1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	B.Sc	1989	CBZ
2.	M.Sc	1991	Organic chemistry
3.	Ph.D	Pursuing	Environmental science and technology

2. Teaching and Learning:

2.1 Teaching Interests:

- Engineering Chemistry
- Organic chemistry
- Inorganic chemistry
- Physical and General Chemistry

2.2 Novel Teaching & Learning Techniques adopted:

- POGIL
- Concept maps
- Mind maps
- Think-share pair
- Crossword
- Word search
- Match the following
- Word scramble& videos

2.1. Involvement in curriculum updating / Design:

- Member, Board of studies Chemistry

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Reading Self-help books
- Counseling students
- Giving value based education
- Music

- Motivating students to pursue research

3.2. CCA/ECA Organized: NIL

3.3. CCA/ECA participated:

3.4. Counselling and Mentoring Activity:

- Mentor for I.B.Tech ME .2011-12

3.5. Committees involved in:

Department level:

- Room mentor (Staff room C-309)
- Academic coordinator

Institute Level:

- Member in compilation of Project Arcade 2014,2015
- Member in Project Compendium.2011 , 2012& 2013
- Member in Discipline and anti ragging committee

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

- One day Faculty development programme on Behavioral and Soft Skills in December 2010 at VNRVJIET.
- A lecture on Engineering applications of nanotechnology on 22nd Feb 20 2011
- A lecture on Carbon Nanotubes and its applications in Nov 2012
- Organised a 3 day workshop on “Engineering the education scenario towards learner centric environment” in June 2014

4.2 Attended:

- A Three day National workshop on Building Research capabilities at Christ College Bangalore in May 2007.
- Attended one week workshop on faculty enablement programme at MLRIT IN 2008.
- Attended faculty orientation programme for 11 days at Vasavi Engineering College December 2009.
- A Two day workshop on Faculty orientation Programme in Engineering Chemistry at vnrvjiet 2010.
- Attended a guest lecture on Material science organized by EEE dept at VNRVJIET in 2011.
- Attended a guest lecture on laboratory techniques organized by civil dept at VNRVJIET in 2011.

- Attended a Two day National workshop on Energy, Environment and Sustainable development in May 2011 organized by Civil dept at VNRVJIET
- 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 lecture on teaching based learning outcomes by Dr P.G. Shastry on August 11th 2012.
- Attended a two day workshop on pedagogy of technical writing organized by Humanities and Sciences on 6th and 7th September 2012.
- Attended foundation day lecture by Dr. D.N.Reddy on 21st September
- Attended a lecture on Excellence in engineering education by Dr P.Raghavendra Rao on September 28th 2012.
- Attended Engineer's day lecture about "Our Inputs for Greener Environment" on September 15th 2012.
- Under career vision development programme attended "Classroom Management Strategies for Effective Instructions" on October 5th 2012.
- Attended a Three day workshop on Art of Teaching Feb 11-13th 2013 by IIT-Hyderabad.
- Attended a lecture on Teaching methodologies and classroom Management by Prof Rao Unnava at VNRVJIET on 19th March 2013.
- Attended an EMS lecture on Teaching and learning process a Paradigm shift Dr.Kiranmai at VNRVJIET.
- Attended an EMS lecture on Demystifying Intellectual property Rights by Ramesh Chandra at VNRVJIET.
- Attended a EMS lecture on Intellectual property Rights by Dr A.S.Rao at VNRVJIET.
- A one day workshop on "INTRO TO POGIL" organized by Dr. Sandhya Kode and Dr.C.Jyotsna on February 16th 2013.
- A two day workshop on "Instructional design on e-content learning" by British council and VNR
- Attended all the POGIL follow up sessions organized by Dr. Sandhya Kode and Dr.C.Jyotsna conducted on March 1st and 13th, April 13th 2013.
- A training class on ASSET management by Col Ratna Kumar on 27th April 2013
- A seminar on "A birds view of Nano science and technology in Indian research" by Dr Brahmaji on 25th July 2013
- A two day National level symposium on "role of chemistry in advanced Engineering materials" at Vasavi college of Engineering Hyderabad.
- An International Conference on "New Dimesions in Chemistry & chemical Technologies- Applications in Pharma industry" at JNTUH in June 2014
- Attended a one day workshop on "Advanced Materials and their application" at Vasavi college of Engineering, HYD in Aug 2014
- A seminar on "outcome based education" at VNR VJIET Feb 2014
- A seminar on "curriculum design and development" VNR VJIET Apr 2014
- Workshop on "3D printing" conducted by the department of Mechanical Engineering at VNRVJIET in Mar 2015
- Workshop on "3D Innovations in Waste, Water and Energy Technologies for Rural Development" conducted by BITS Pilani, Hyderabad campus from 13th to 14th July 2015
- A seminar on "Nanoscience and Technology for sustainable infrastructure" by Dr.Sesha.S Srinivas from Florida Polytechnic University USA, conducted by Centre for Nanoscience and Technology on 6th July 2016.

- A one day workshop titled Arduino For Everyone Organised by IIT Hyderabad Teaching and Learning Centre on 1st July 2016
- A one day workshop on Internet of Things(IOT) by Dr.R.R.Rout from NIT Warangal, under 7th IEEE International advance computing conference conducted by department of ECE on 5th Jan 2017

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:Nil

a) UG:

b) PG:

5.5. Research Interests:

Research in Drinking water purification

5.6. Ph.D students:Nil a) Enrolled:- b) Submitted:- c) Awarded:-

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.	Conventional to cutting edge technologies in drinking water purification	International journal of innovative research in science, engineering and technology (IJIRSET) Vol -3 (2) Feb 2014	ISSN: 2319-8753	5.2	International
2.	Seasonal Variations of Water Quality Index of Osmansagar Lake in Hyderabad	IOSR Journal of Environmental Science, Toxicology and Food Technology,	ISSN: 2319-2402	3.462	International

3.	City- A Case Study Assessment of Water Quality of Himayathsagar Lake in Hyderabad - A Case study	Volume 10, Issue 5 Ver. I (May. 2016), PP 75-78. IOSR Journal of Environmental Science, Toxicology and Food Technology Volume 11, Issue 1 Ver. I (Jan. 2017), PP 18-22,	ISSN: 2319-2402	3.462	International
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5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Impact of Urbanisation and Industrialisation on Development of Colour in Drinking water of Hyderabad city.	New Dimensions in Chemistry & chemical Technologies- Applications in Pharma industry at JNTUH	International	June 2014

5.9. Sponsored research Projects: NA

5.10 Consultancy Projects: NA

6. Awards / Honors received: Best teacher award by Lions club of Hyderabad in 2010

7. Motto: Try to do things today, one percent better than yesterday.