

## CURRICULUM VITAE

NAME : **Dr. P. BABY SUDHA LAKSHMI**  
FATHER'S NAME : P. NANCHARAI AH  
AGE & DATE OF BIRTH : 39 Years, 27-08-1979  
ADDRESS FOR COMMUNICATION : Dr. P. Baby Sudha Lakshmi,  
D/o. Sri. P. Nancharaiah, M.A.,  
Door No. 6-109, Samathanagar,  
NUZVID – 521201. Krishna Dt.  
CELL : 9908009082  
E – Mail : baby\_sudha001@yahoo.com,  
dr.pbsl@gmail.com

### DETAILS OF EDUCATIONAL QUALIFICATIONS

S.No.	Name of Exam.Passed	Year of passing	Class / %of marks	Institution in which studied	Board/University
1	S .S .C.	1994	I Class 72.8%	St. Ann's E.M. High School, Nuzvid.	Board of Sec. Edn. AP., Hyd.
2	Intermediate (M.P.C)	1996	I Class 75.9%	St. Ann's Jr. College, Nuzvid.	Board of Inter-mediate Edn. A.P., Hyd.
3	B.Sc (M.P.C)	1999	I Class 82%	Ch.S.D.St. Theresa's Degree College for Women, Eluru.	Andhra University, Visakhapatnam.
4	M.Sc.(Chem)	2001	I Class 65%	A.N.U - Dr. MRAR Campus, Nuzvid.	Acharya Nagarjuna University, Guntur.
5	M.Phil (Chem)	2004	Grade A 77.5%	A.N.U - Dr. MRAR Campus, Nuzvid.	Acharya Nagarjuna University, Guntur.
6	Ph.D (Chem)	2007	-	A.N.U - Dr. MRAR Campus, Nuzvid.	Acharya Nagarjuna University, Guntur.
7.	<b>APSET</b> (Chemical Sciences)	2017	<b>QUALIFIED</b>	-	Andhra University, Visakhapatnam.

## EXPERIENCE :

Name of the post held	Period of working	Total
Teaching Associate, Intermediate, Gitanjali Educational Institutions, Vijayawada.	2001-02	1 Year
Lecturer in P.G. Chemistry, D.A.R College, Nuzvid.	2002-03 - 2013-14	12 Years
<b>RESEARCH SUPERVISOR</b>	w.e.f 2 <sup>nd</sup> April 2013	At present two Scholars allotted and working under my guidance for M.Phil/Ph.D.
Assistant Professor in Chemistry, Ramachandra College of Engineering, Eluru.	2014 - 20 <sup>th</sup> Dec 2018	4 Years
Guest Faculty in Chemistry, Krishna University – Dr.MRAR P.G. Center, Nuzvid.	w.e.f academic year 2012-13 to Nov & Dec 2018.	
Academic Consultant in Chemistry, Krishna University – Dr.MRAR P.G. Center, Nuzvid.	21 <sup>st</sup> Dec 2018 – Till date	

**It is not out of place to mention that the following :**

- 1. Gave a guest lecture on the topic UV-Visible & IR Spectroscopy to the Degree students at P.B.Siddhartha College of Arts and Sciences, Vijayawada in the month of February 2016.**
- 2. And also gave lectures on the topic of Physical chemistry to the P.G. students of Krishna University, Machilipatnam and CVR & SRR government degree college, Vijayawada.**

**AWARDS : Awarded as Associate Fellow by the Andhra Pradesh Akademi of Sciences (APAS), Amaravati – 2018.**

**LIST OF PUBLICATIONS :** Enclosed in a separate sheet.

**LIST OF NATIONAL SEMINARS/CONFERENCES/WORKSHOPS**

**ATTENDED :** Enclosed in a separate sheet.

**ACADEMIC DISTINCTIONS (AWARDS/HONOURS, ETC.):** Enclosed relevant copies.

**REFERENCES :**

- Prof. M.V. Basaveswara Rao, Professor of Chemistry, Krishna University - Dr. MRAR P.G. Centre, Nuzvid.
- Prof. C. Rambabu, (Retd.) Principal; Chairman of B.O.S, University Science College, Acharya Nagarjuna University, Guntur.

- iii) Prof. P.V.V. Satyanaryana (Retd.), Dept. of Chemistry, University College, Acharya Nagarjuna University, Guntur.
- iv) Dr. D. Ramchandran, Associate Professor of Chemistry, University College, Acharya Nagarjuna University, Guntur.

### AWARDS/HONOURS

1. Awarded 2<sup>nd</sup> rank in Intermediate (Sciences) Class for the year 1994-1996 by St. Ann's Junior College, Nuzvid.
2. Awarded Panneru Venkata RamaLakshmi Memorial prize for proficiency in II B.Sc, Chemistry for the year 1997-1998 by Ch.SD.St.Theresa's College for Women (Autonomous), Eluru.
3. Awarded Proficiency-First Prize in Chemistry of III B.Sc in Ch.SD.St.Theresa's College for Women (Autonomous), Eluru for the year 1998-1999.

### LIST OF PUBLICATIONS

1. Use of Some Basic dyes in the Extractive Spectrophotometric Determination of Tranexamic acid.  
**Asian Journal of Chemistry, Vol. 21. No. 1 (2009). (Published)**
2. UV Spectrophotometric Determination of Quetiapine and Zonisamide.  
**Asian Journal of Chemistry, Vol. 21. No. 1 (2009). (Published)**
3. Spectrophotometric Determination of Ezetimibe.  
**E - Journal of Chemistry, 7(1) (2010). (Published)**
4. Assay of Zonisamide by Redox and Complex Reactions.  
**Journal of Pharmacy Research, 4(9) (2011). (Published)**
5. Use of Ion – Association reactions for the Spectrophotometric Determination of Quetiapine.  
**Asian Journal of Chemistry, Vol. 24. No. 8 (2012). (Published)**
6. Visible Spectrophotometric methods for the determination of Irbesartan in pharmaceutical formulations.  
**International Journal of Pharmacy and Pharmaceutical Sciences, Vol. 4. (2012). (Published)**

7. Spectrophotometric Determination of ValacyclovirHCl through oxidative coupling reaction in bulk and its pharmaceutical formulations.  
**International Jr. of ChemTech Research, Vol. 4. No.1 (2012) (Published)**
8. Simple and Selective Spectrophotometric Determination of Atracuriumbesylate in pharmaceutical formulations using Acidic dyes.  
**Analytical Chemistry : an Indian Journal, Vol.15 (1), (2015) (Published)**
9. Sensitive Spectrophotometric Determination of Ezetimibe in tablets using p-Niro aniline and Ethylacetoacetate.  
**Derpharmachemica. Vol.6(4), (2014) (Published)**
10. Synthesis and characterization of ZnO Nanoparticles using Sol-gel process.  
**Sensors & Transducers, Vol. 200, Issues 5, (2016) (Published)**
11. A Selective UV Spectrophotometric Analytical method to Quantify the Levofloxacin in bulk sample.  
**European Journal of Pharmaceutical and Medical Research, Vol. 3(9), (2016) (Published)**
12. A Stable HPLC Bioanalytical method development for the estimation of Budesonide in Plasma.  
**European Journal of Pharmaceutical and Medical Research, Vol. 3(9), (2016) (Published)**
13. Influence of Ni doping on Structural and Optical properties of ZnO Nanopowders synthesized by sol-gel process.  
**Sensors & Transducers, Vol. 202, Issues 7, (2016) (Published)**
14. Simple spectrophotometric method for the determination of Quetiapine using DHQ and CTC as chromogenic reagents.  
Communicated to **Indian Journal of Pharmaceutical Sciences.**

### **LIST OF NATIONAL SEMINARS/CONFERENCES/WORKSHOPS**

1. Participated in the **National Workshop on “ENVIRONMENT AND POLLUTION AWARENESS” (EPA-2004)** held on 7<sup>th</sup> August 2004 - sponsored by AICTE, New Delhi.
2. Attended the **Regional Conference of the Indian Council of Chemists on “Analysis of Pollutants in the Environment and Defluoridation Techniques”** held on 23<sup>rd</sup> January 2005 and presented a Poster.
3. Participated in the **National Seminar on “Recent Trends in Analytical Techniques in Monitoring the Environment”[NSRTME]** held on 19-21 October 2005 – sponsored by UGC, New Delhi.
4. Attended **24<sup>th</sup> Conference of Indian Council of Chemists** held at Birla Institute of Technology, Mesra, Ranchi on 16-18 December 2005 and presented a Poster in Analytical Section.

5. Participated in the **National Conference on “Chemical Dynamics And Reaction Mechanisms”** held on 19-21 January 2006 – sponsored by UGC, New Delhi.
6. Participated in the **National Seminar on “Green Organic Synthesis in Pharmaceuticals” - an over view** held on 15<sup>th</sup> December 2007 – sponsored by Aptuit LaurusPvt.Ltd., Hyderabad.
7. Participated in the **National Seminar on “ Physics and Chemistry of Materials”** held on 30<sup>th</sup> July 2009 – sponsored by UGC, New Delhi.
8. Attended the **National Seminar on “Nanomaterials and their Applications”** held on 10<sup>th</sup>& 11<sup>th</sup> December 2009 and presented a Paper.
9. Conducted the **National Seminar on “Environmental Pollutants and the Remedial methods for their Control”** held on 8<sup>th</sup>& 9<sup>th</sup> February 2010 and presented a Paper.
10. Participated in the **Regional Workshop on “Chromatographic Techniques”** held on 20<sup>th</sup> February 2010.
11. Participated in the **National Seminar on “ The changing face of chemistry”** held on 26<sup>th</sup> November 2011 – sponsored by UGC, New Delhi.
12. Participated in the **National Seminar on “ Chemistry of Natural Products”** held on 28<sup>th</sup> & 29<sup>th</sup> November 2011.
13. Participated in the **National Seminar on “Chemistry – Our Life, Our Future”** held on 29<sup>th</sup> December 2011 and presented a Paper.
14. Attended the **National Seminar on “Modern Trends in Mathematical and Physical Sciences”** held on 20<sup>th</sup> & 21<sup>st</sup> January 2012 and presented a Paper.
15. Participated in the **National Seminar on “Role of Chemistry in the Present Era”** held on 25<sup>th</sup> August 2012.
16. Participated in the **Workshop on “Intellectual Property and Innovation Management in Knowledge Era”** held on 5<sup>th</sup> February 2013 – organized by National Research Development Corporation (NRDC), New Delhi & Krishna University.
17. Participated in the **Seminar on “Role of Chemistry in Drug Discovery”** conducted by the Royal Society of Chemistry (London)-DS, held on 6<sup>th</sup> July 2013.
18. Participated in the **National Poster Symposium – II on “Advances in Organic/Medicinal Chemistry”** conducted by The Royal Society of Chemistry (London)-DS, & Krishna University, held on 21<sup>st</sup> December 2013.

19. Participated in the **International Symposium on “Environmental Pollution, Nutrition & Genetics”** and a **Special Symposium on “Cancer Biology & Therapeutics”** conducted by the Vikrama Simhapuri University, held on 27<sup>th</sup> -29<sup>th</sup> December 2013 and presented a Paper.
20. Participated in the **National Conference on “Conservation of Wet Lands for Sustainable Development” (CWSD – 2014)** conducted by Krishna University Dr. MRAR PG Centre, Nuzvid in association with APCOST (Andhra Pradesh State Council of Science & Technology) held on 1<sup>st</sup> & 2<sup>nd</sup> February 2014 and presented a Paper.
21. Participated in the **National Seminar on “Green Chemistry – Its Impact on Environmental Protection”** held on 6<sup>th</sup> February 2014 and presented a Paper.
22. Participated in the **National Workshop on “Green Chemistry – Its Need & Role in our Society”** held on 10<sup>th</sup> & 11<sup>th</sup> February 2014 and presented a Paper.
23. Participated in the **National Seminar on “Chemistry For The Sustainable Development (CSD-2015)”** organized by The Royal Society of Chemistry (London)-DS & Andhra Pradesh Akademi of Sciences, held on 26<sup>th</sup> September 2015.
24. Participated in the **International Seminar on “Biomass - Sustainable Solutions on Energy, Chemicals & Industrial Materials”** organized by Usha Rama College of Engineering and Technology, held on 22<sup>nd</sup> September 2016.
25. Participated in the **National Seminar on “Solid Waste Disposal and Management to protect Environment” – Wealth from Waste** organized by Journal of Applicable Chemistry & Sri Siddhartha Pharmacy College, Nuzvid, held on 4<sup>th</sup> June 2017.
26. Attended the **Andhra Pradesh Science Congress – 2018 (APSC-2018) on “Integrating Science and Society for Global Sustainability”** organized by Andhra Pradesh Akademi of Sciences, Amaravati and Yogi Vemana University, held on 9 - 11<sup>th</sup> November 2018 and presented a Paper.

**(Dr. P.B.SUDHA LAKSHMI)**

Place : Nuzvid.

Date : 12-02-2020.