

## CURRICULUM VITAE

### K. V. VIJAYA LAKSHMI

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#### Academic Qualifications

- Awarded **M.Phil** by the department of Environmental Sciences, Andhra University, Visakhapatnam in the year 2011
- Passed **Master of Science in Microbiology** with First Division (66.5%) in the year 2003 from TSR & TBK Degree & PG Center affiliated to Andhra University, Visakhapatnam
- Passed Graduation with Microbiology, Medical Lab Technology and Biochemistry optionals in First division (71.3%) in the year 2001 from TSR & TBK Degree College, affiliated to Andhra University

#### Research Experience

- Awarded M.Phil., by the department of Environmental Sciences, Andhra University, Visakhapatnam in the year 2011 and the title of dissertation “Effect of Pesticides on Soil Bacteria” (A Case Study Of L.Kota Mandal)
- Done project work at Global Hospital, Hyderabad for the partial fulfillment of award of master degree in Microbiology entitled “Hepatitis-B Markers” during 2003

#### Teaching Experience

- Working as senior assistant professor in the Department of Microbiology, M.R.P.G College, vizianagaram since September 2004 (12 years )
- Worked as a lecturer for under graduation and post graduation during 2003-2004 in the department of Microbiology, TSR & TBK college, Visakhapatnam (1 year )

#### Areas of expertise

- Microbial Biotechnology
- Basic Microbiological Techniques ( General Microbiology)
- Microbial Physiology & Microbial Metabolism
- Medical Microbiology
- Fermentation Microbiology & Industrial Microbiology
- Immunology

## **Hands on experience**

- Isolation, Identification and Maintenance of Bacteria
- Isolation, Microscopic Examination and Maintenance of Fungi
- Immunological Tests
- PCR Based Techniques
- Electrophoresis Techniques
- Basic Molecular Biology Techniques
- Clinical Diagnostic Techniques
- Small Scale Production of various Microbiological Products
- Basic Computational Skills & Internet Browsing Skills

## **Awards and Honors**

- Qualified **State Eligibility Test** for Telangana and Andhra Pradesh for Assistant Professor/ Lectureship conducted by Osmania University in 2014

## **Publications**

- Bhargavi, V., Anil, K., Anil Kumar, Ch. and **Lakshmi, K. V. V.** (April 2011) Prevalence and Antimicrobial resistance Patterns of Food Borne Pathogens Isolated from Food handlers. Journal of Pure and Applied Microbiology, Volume: 5(1), pp 191-194. (ISSN: 0973-7510)

## **Oral Presentations**

- Presented a paper in a National Seminar on Environmental Issues And Challenges – 21<sup>st</sup> Century, organized by Department of Environmental Science, Osmania University, Hyderabad entitled “Water Pollution and It’s Consequences” on 28<sup>th</sup> – 29<sup>th</sup> March, 2008.
- Presented a paper in a National Seminar on Solid and Hazardous Wastes Management for Safety, Health & Environment, organized by Department of Environmental Sciences, Andhra University, Visakhapatnam entitled “Pretty Pets and Colorful Poly Bags-A Menace” on 16-17 March,2009
- Presented a paper in a National Seminar on Changing Horizons of Applied Biology, organized by Departments of Microbiology, Biochemistry and Biotechnology, MRPG College, Vizianagaram entitled “Effect of Pesticides on Soil Bacteria Isolated From Ground Nut Fields Of L.Kota Mandal” on 11<sup>th</sup> & 12 of December, 2010
- Presented a paper in a National Seminar on Microbial Technology for Environment Protection, organized by Department of Microbiology And Research

Centre, Dr.Lankapalli Bullayya P.G.College entitled “Effect of Pesticides on Soil Bacteria” on 3<sup>rd</sup> December 2011

- Presented a paper in State level seminar on Biochemistry Challenges and Prospects, organized by Department of Biochemistry, MRPG College, Vizianagaram entitled “” on 29<sup>th</sup> January, 2012

### **Seminars & Workshops Attended**

- Attended a Workshop on “Advanced Molecular Biology Techniques” organized by Department of Biotechnology, Anil Neerukonda Institute Of Technology & Sciences, Visakhapatnam on 9<sup>th</sup> & 10<sup>th</sup> September, 2006
- Attended a one day National Seminar on “Recent Developments in Biochemistry” organized by Dept. of Biochemistry, MRPG College, Vizianagaram on 23<sup>rd</sup> September, 2007
- Attended a one day National Workshop on “Recent Advances in Genomics and Proteomics” organized by Departments of Biotechnology, Biochemistry & Microbiology, GITAM Institute of Science, GITAM University, Visakhapatnam on 14<sup>th</sup> February, 2009
- Attended a training programme in “Hands on Training in DNA Finger Printing” organized by Department of Biotechnology, Andhra University, Visakhapatnam on 13<sup>th</sup> March 2010

### **Faculty Developments Programmes Attended:**

- Participated in 21 days Refresher Course in Biological Sciences from 3<sup>rd</sup> November to 23<sup>rd</sup> November, 2008 organized by UGC-Academic Staff College, Andhra University, Visakhapatnam.
- Participated in Orientation Programme from 15<sup>th</sup> April to 12<sup>th</sup> June 2008, organized by UGC Academic Staff College, Andhra University, Visakhapatnam

### **Seminars & Workshops Organized:**

- Organized 2 days Workshop entitled “Polymerase Chain Reaction and DNA Finger Printing Techniques” on 28<sup>th</sup> & 29<sup>th</sup> November, 2007 in association with Bangalore Genei, Bangalore
- Organized a one day National seminar entitled “Applied Microbiological Concepts and Recent Trends” on 24<sup>th</sup> February, 2008

- Organized workshop on “Human DNA Finger Printing Techniques” on 10<sup>th</sup> March, 2010 in association with Helini Biomolecules, Chennai.
- Organized two days National Seminar on “Changing Horizons of Applied Biology” on 11<sup>th</sup> and 12<sup>th</sup> December 2010
- Organized a one day State Level Seminar on “New Frontiers of Biosciences” on 11<sup>th</sup> December, 2011

*K. V. V. lakshmi*

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