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EDUCATION

- **Master of Sciences (Biochemistry),** Andhra University, Vishakapatnam, India - 2001.
- **Bachelor of Sciences (Biochemistry),** Nagarjuna University, Guntur, India - 1999.
- **Diploma in Computer Applications** from Macro Info Tech, Vishakapatnam.

- **B.A** in hindi language (Rashtra Basha Praveena in hindi).

AWARDS/ FELLOWSHIPS

- ICMR Junior research fellowship, Indian Council for Medical Research, Government of India, 2003.
- CSIR/NET – 2009.
- Selected for National Merit Scholarships Scheme in recognition of high position secured in the list of meritorious candidates qualifying for awards from Andhra Pradesh in the year 1993-94.

PROFESSIONAL AFFILIATIONS/ MEMBERSHIP

- Member of “The Society of Biological Chemists (INDIA)”, 2005-2006

POSTER/ ABSTRACT PRESENTATIONS & WORKSHOPS ATTENDED

- Participated in one day national seminar on Computer aided drug designing conducted by **Koneru Lakshmaiah University, Guntur – 2011.**

.Suseela Lanka and J. Naveena Lavanya Latha

“Mercury toxicity in Machilipatnam coastal region”

International seminar on Bio- diversity, Acharya Nagarjuna University, Guntur- 2011.

.Suseela Lanka and J. Naveena Lavanya Latha

“Impact of Urbanization on wetlands – Toxic accumulation of heavy metals and their prevention”

LKCDE – 2011, Department of Biotechnology, Krishna University, Machilipatnam.

. Suseela Lanka and Sobhanaditya Jonnalagadda

“Dehalogenases from *Aspergillus flavus* as potent enzymes in the detoxification of waste effluents from Folic acid manufacturing places”

Department of Pharmaceutical Chemistry, Krishna University, Machilipatnam - 2011.

. Suseela Lanka and Bhukya Prudhvi Naik

“Scientific Lexis in every day usage”

Department of English, Krishna University, Machilipatnam - 2011.

. Suseela Lanka and Sobhanaditya Jonnalagadda

*“Purification and Characterization of Dehalogenases from *Aspergillus flavus*”*

74th Annual Meeting Society of Biological Chemists (India), Lucknow -2005

. Suseela Lanka and Sobhanaditya Jonnalagadda

*“Over Expression of Di and Tri-Ubiquitin: Substrates for Ubiquitin-C-Terminal Hydrolases from *Neurospora crassa*.”*

74th Annual Meeting Society of Biological Chemists (India), Lucknow -2005

. Participated in the 61st BRNS-IANCAS National workshop on Radiochemistry and Applications of Radioisotopes at the Dept of Biochemistry, OU, Hyderabad-2006.

. Participated in a National work shop conducted at University of Hyderabad -2003

PRESENT AND PAST EXPERIENCES:

TEACHING EXPERIENCE:

Presently working as an assistant professor in the department of Biotechnology, Krishna University, Machilipatnam.

Duration: From September 23rd 2009 to till date.

TEACHING EXPERIENCE:

Worked as a lecturer in the Department of Bio-chemistry, Bharat P.G College, Ibrahimpatnam, Hyderabad.

Duration: One year (2008-2009).

Junior Research Fellow

Duration: 3 years (2004-2007).

Department: Department of Bio chemistry, Osmania University

Project: Structure – Function relationships of Dehalogenases from *Aspergillus flavus*.

Details of work Carried Out:

An attempt is made to purify Dehalogenases, the enzymes that break Carbon-Halogen bond present in the Halo organic compounds, namely Chloro Acetones which form the major compounds present in the Industrial effluent released from Folic

acid manufacturing pharma company from *Aspergillus flavus*. Since there were no fungal dehalogenases characterized so far, we are interested to study the Structure-Function relationship of Dehalogenases from *Aspergillus flavus*. As Chloro Acetones are Xenobiotic compounds they need further processing to convert them into non toxic compounds. Dehalogenases play major role in the conversion of these toxic Xenobiotic compounds to non toxic compounds which are then safe for disposal.

Project Assistant

Duration: One year (2003 – 2004)

Department: Department of Biochemistry, University of Hyderabad

Project: Estimation of Telomere Length of DNA isolated from Lymphocytes of Human Blood.

Details of Work Carried Out:

- Isolation of Lymphocytes from Human Blood samples. Isolation of DNA from the Lymphocytes. Restriction Digestion and Agarose Gel Electrophoresis of DNA isolated from Lymphocytes. Southern Blotting and Radiolabelling with Telomere specific probe and Estimation of Telomere length using Telomere software.

Project Assistant

Duration: 6 Months (2002)

Department: Endocrinology and Metabolism, National Institute of Nutrition

Project: Reproductive and Child Health project

Biochemist

Worked as a Biochemist in Yashoda super Speciality Hospitals,
Hyderabad

Duration: 6 months (2001)

Doctoral Work

Currently pursuing Ph.D

Area: Fungal Biotechnology

Department: Department of Biotechnology,
Krishna University, Machilipatnam.