

## CURRICULUM VITAE



**Name** : **Dr. Satish L.**  
**Designation** : Scientist-B  
**Qualification** : Ph. D Biological Sciences  
**Subject Specialization** : Biotechnology  
**Date of birth** : 16/05/82  
**Mobile No.** : 9886000438  
**Email I D** : satigene@gmail.com  
**Office Address with fax no.** : Central Sericultural Research and Training  
Institute, Central Silk Board,  
Manandavadi Road, Srirampura  
Mysuru-8

### Academic qualification

Degree	University / College	Subjects	Year of Passing
Ph.D	Manipal University	Biological Sciences	2015
MSc	Bangalore University	Biotechnology, Biochemistry, Genetics	2008

### Academic Research Experience

Research Associate (11.04.2015-30.11.2015)

OMICS laboratory, National Institute of Animal Nutrition and Physiology

Area: Developmental competency of sheep oocyte and Comparative studies of ruminants gut microbiome

Junior Research fellow (16.07.2009 – 09.06.2010)

Feed additives and Nutraceuticals lab, National Institute of Animal Nutrition and Physiology

Area: Identification, characterization and evaluation of novel probiotics for ruminants

Technical Assistant (02.03.2009 – 15.07.2009)

Feed additives and Nutraceuticals lab, National Institute of Animal Nutrition and Physiology

Area: Metagenomics

Project Trainee (01.10.2008 – 28.02.2009)  
Department of Biological science, Indian Institute of Science  
Area: Molecular Biology.

## **Research Work Experience**

---

Presently working as SCIENTIST B in Central Silk Board at CSRTI, Mysuru, Karnataka.

## **International/National conferences / workshops /meeting/training attended**

---

International Training programme on Bioinformatics applications for exploring rumen microbial diversity held by ICAR-National Institute of Animal Nutrition and Physiology, Bengaluru, INDIA, Compendium pp1-122

ICAR sponsored winter school- Metagenomic DNA isolation from rumen liquor samples: key considerations Compendium pp 231-234.

ICAR sponsored winter school- Bioinformatics tools for bacterial identification and characterization Compendium pp 240-244.

“Endophytic fungi from *Eucalyptus citriodora*: Enzymes, antimicrobial activity and phylogeny” at National Seminar on Current Perspectives of Fungi in Health Care and Environment (KAVAASTHA) on 13<sup>th</sup> and 14<sup>th</sup> March, 2013.

“Aldose reductase inhibitors and extracellular enzymes of endophytic fungi isolated from *Ocimum sanctum*” at National Seminar on Current Perspectives of Fungi in Health Care and Environment (KAVAASTHA) held at Department of Biotechnology, Bangalore University, Bangalore on 13<sup>th</sup> and 14<sup>th</sup> March, 2013.

National symposium on emerging trends in biotechnology held on September 1st & 2nd, 2011, organized by Cochin university of Science and Technology, Cochin, Kerala and also presented poster titled as “Endophytic fungi from Eucalyptus plants: their antimicrobial activity and enzymes”

National symposium on emerging trends in biotechnology held on September 1st & 2nd, 2011, organized by Cochin university of Science and Technology, Cochin, Kerala and also presented poster titled as “Screening of endophytic fungi from *Tulsi* for their antibacterial activity and enzyme production”

Participated in Metabolomics Satellite Meet – 2013 organized by C-CAMP in collaboration with Proteomics Society India on 27<sup>th</sup> November 2013.

Attended Bangalore India bio 2012 international Conference on 06-08 February

## **Awards received**

---

- Qualified in the GATE 2010 (Appln No. BT 1060337) for pursuing doctoral degree at the national level.
- Passed Entrance exam for Research ( Ph.D ) in Biological Science, 2009-2010, (Appln No. 304887 ) conducted by Indian Institute of Science, Bangalore
- 33 Internal Transcribed Spacer region sequences with GenBank accession numbers
- Awarded Championship in Sports and Cultural activities at Intercollegiate level.
- Best group award in Foundation Training held by Central Silk Board

## **Research publications**

---

<b>Publications</b>	<b>Numbers</b>
Full length Research Papers	: 6
Research abstracts	: 4
Popular articles	: 4

## **Important publications:**

---

**L. Sathish**, N. Pavithra and K. Ananda. Evaluation of antimicrobial activity of secondary metabolites and enzyme production from endophytic fungi isolated from *Eucalyptus citriodora*. *Journal of Pharmacy Research* 2014, 8(3),269-276.

Chethan PD, Vishalakshi B, **Sathish L**, Ananda K, Poojary B Preparation of substituted quaternized arylfuran chitosan derivatives and their antimicrobial activity. *International Journal of Biological Macromolecules*.

**L.Sathish**, N. Pavithra, K. Ananda, Antimicrobial activity and biodegrading enzymes of endophytic fungi from *Eucalyptus*. *International Journal of Pharmaceutical sciences and Research*. Vol. 3, Issue 08; August, 2012.

N. Pavithra, **L. Sathish**, K. Ananda\*. Antimicrobial and Enzyme Activity of Endophytic Fungi Isolated from Tulsi. *Journal of Pharmaceutical and Biomedical Sciences*, 2012, Vol. 16, Issue 16.

Pavithra N. **Sathish L**. Suneel Kumar A. Venkatarathanamma, V. Pushpalatha H. Bhanuprakash Reddy, G. Ananda K. *In-vitro* Studies on  $\alpha$ -Amylase,  $\alpha$ -Glucosidase and Aldose Reductase Inhibitors found in Endophytic Fungi Isolated from *Ocimum sanctum*. *Current Enzyme Inhibition*.

Pavithra, N., **Sathish, L.**, Nagasai, Babu, Venkatarathanamma, V., Pushpalatha, H., Bhanuprakash Reddy, G., Ananda, K. (2014) Evaluation of  $\alpha$ -Amylase,  $\alpha$ -Glucosidase and Aldose Reductase inhibitors in ethyl acetate extracts of endophytic fungi isolated from anti-diabetic medicinal plants. *Int J Pharm Sci Res*. 5 (12) 5334-534.