

# Srividya Venkatramanan

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## Academic Profile

### **Professional Education**

**Course:** B.Tech (Biotechnology)

**Year:** 2010 - 2014

**Institution:** St.Joseph's College of Engineering, Anna University, Chennai.

**CGPA:** 9.17

**University Rank:** 7

### **Scholarship**

Molecular Biosciences Excellence Award (\$5400) for the year 2016.

Merit Scholarship (worth Rs.1, 60,000) for the period 2010-14.

Merit Scholarship (worth Rs. 80,000) for the period 2009-10.

Qualified GATE (2014) with 94.8 percentile.

### **Project Details**

**Title:** Production of Ethanol

**Area:** Fermentation Technology

**Description:** Comparison of yields of ethanol from two different raw materials namely, oil cakes and molasses (December '12 – January '13)

### **Final Year Project:**

**Project Centre:** Indian Institute of Technology, Madras.

**Project Advisor:** Professor Emeritus. K.B.Ramachandran

**Research Area:** Bioprocess Engineering

**Title:** Media Optimization for Hyaluronic Acid Production using Metabolically Engineered *Lactococcus lactis* (December '13 – February '14)

### **Research Experience:**

Junior Research Fellow at Indian Institute of Technology - Madras, Bioprocess Engineering Laboratory

Research Advisor: Professor. Guhan Jayaraman

(August '14- June 16')

- Control of in vivo Polymerisation by Synthetic Biology Approaches

**Programming Languages:**

- C, C++

**Research Interests:**

- Gene Regulation
- Metabolic Engineering
- Molecular Evolution
- Recombinant Protein production

**Industrial Training:**

- Hands-on training program "Genei Connect" on PCR Methods at Merck Specialties Pvt. Ltd., Bengaluru
- Hands-on training program "Production of Monoclonal Antibodies" at Microtherapeutics Research Labs Pvt. Ltd., Chennai
- Industrial visits to EID Parry (Cuddalore), Biocon(Bangalore), Growmore Biotech (Hosur), etc.

**Conferences Attended and Responsibilities held:**

- Part of the Organizing Committee of "*Workshop on Downstream Processing of Recombinant Proteins and other Biomolecules*" held at IITM Biocubator, IIT Madras Research Park (2015)
- Participated in an International conference in 'Avidadham-14' on "*Frontiers and Challenges in Healthcare, Biotechnology and Food Processing Technology*" organized by Centre for Biotechnology, Anna University(2014)
- Attended a National Conference on "*Trends in Environmental Biotechnology*" held at Sri Venkateshwara College Of Engineering, Chennai(2013)

**Distinctions:**

- Grade A in UN Rio+20 India Certification program conducted by IARC (2013)
- First Class in the State Level Universal Talent Search Examination Conducted by Shakespeare Institute of English Studies (2009)
- Awarded a Gold Coin for Scoring Centum in Science in 10<sup>th</sup> Std Examinations (2008)
- Participated in Resources Mobilization for Leprosy Eradication conducted by Indian Leprosy Foundation (ILEF)

**Hobbies:**

Reading Books, Solving Sudoku Puzzles, Terracotta Jewellery Crafting, Carnatic Music, Cooking.