

Srividya Venkatramanan

vsrividya.biotech@gmail.com
+1 (732)-689-0793

2247 BPO Way,
Piscataway, New Jersey

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 10th 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.