

# Srinidhi Selvan

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## OBJECTIVE

To utilize my education and project experience while gaining valuable work experience in a team-oriented environment.

## EXPERIENCE

Worked as a Trainee at Archimedis Healthcare Pvt Ltd. for a period of one year (Oct 2020 – Sept 2021)

- Been in R and D for 4 months and gained hands on experience in Formulation and Analytical Departments (Operation of UV-Visible spectrophotometer, pH meter, vernier scale, Dissolution, HPLC, weighing balance, Tablet hardness tester, Disintegration, Tablet friability tester, Titration)
- Gained experience in Regulatory Affairs for 3 months (Review of all technical documents like COA, SPEC, STP, stability data and BOM, Preparation of leaflets, costing preparation, uploading license in sugam portal, therapeutic justification)
- Study on potential plants as nutraceuticals for 4 months

## EDUCATION

Year	Course	Name of Institution	Percentage / CGPA
2020	M. Tech	St. Joseph's College of Engineering, Chennai	9.08
2018	B. Tech	Sathyabama Institute of Science and Technology, Chennai	8.25
2014	HSC	Sri Sankara Vidyashramam Senior Secondary School, Chennai	85.17
2012	SSLC	Global Indian International School, Malaysia	9.6

## PROJECTS

- Bioadsorption and biodegradation studies using organic wastes - 7 months
- Shelf life studies on Fresh-frozen green peas, Home processed green peas and Industry processed green peas – 4 months
- Characterization of silver nanoparticle incorporated biofilms produced from green pea pods – 4 months

## **LABORATORY SKILLS AND EXPOSURE**

ELISA, Gel Electrophoresis, Western and Southern Blotting, Chromatography (Ion exchange, Bioaffinity, Gel Filtration, column, Thin layer), Isolation of DNA and RNA, Site Directed Mutagenesis, French press and ultrasonication, Operation of UV-Visible spectrophotometer, Centrifuge, Autoclave, determination of antibacterial and antifungal activity by well diffusion, Estimation of carbohydrates, proteins, TPC, TFC, determination of antioxidant activity, pH meter, vernier scale, magnetic stirrer, vortex, Dissolution, HPLC, weighing balance, Tablet hardness tester, Disintegration, Tablet friability tester.

## **GENERAL SKILLS**

MS Office, Problem Solving, Strong Interpersonal Skills, Adaptability, proactive, decision making

## **HOBBIES**

Cooking, Dancing, Art and Craft

## **LANGUAGES**

Tamil and English

## **ACHIEVEMENTS**

- Secured highest marks in three subjects (Discrete mathematics and numerical methods, Design and operation of bioreactor, and chemical engineering thermodynamics) during UG programme.
- Secured O grade (91-100) in Advanced Genetic Engineering during PG.
- A water purification company in Chennai expressed interest in the outcome of our UG project
- Class X - CGPA 9.6 - Academic Excellence Trophies for Social Studies, Tamil and English
- Obtained a score of 171 out of 190 in BEC exam (Vantage).

## **ACTIVITIES**

- Volunteered in organizing several conferences and workshops during UG
- Presented papers and poster at 4 conferences

## **DECLARATION**

I hereby declare that the above given information are true to the best of my knowledge

Srinidhi Selvan