

BASIC INFORMATION

SREELEKSHMI.S

e-mail : sreelekshmisk97@gmail.com

Phone : 7338777904

DOB : 21/01/1997

Marital status : Single

Gender : Female

Languages known : English, Malayalam, Tamil

Nationality : Indian

Address : Vrindavanam, Kaithavana, Sanathanapuram PO
Alappuzha 688003.

CAREER OBJECTIVE

To seek a position of Biotech specialist in one of the Biotech firm where I can use my ideas and knowledge for the benefit of the company. To also leave an everlasting impression in the field of Biotechnology, by implementing expertise in designing innovative projects, for better, faster and accurate techniques in the medical studies ; thereby increasing the reputation of our esteemed organization.

ACADEMIC QUALIFICATIONS

Degree/Percentage	Institute/ University	Year of passing	Percentage
MSc.Biotechnology	University of Madras	2020	-
BSc.Biotechnology	University of Kerala	2018	75%
HSE Exam	Kerala Higher Secondary Board	2014	84.3%
CBSE Exam	Secondary School Examination	2012	90%

*Currently pursuing MSc.Biotechnology at Hindustan College of Arts and Science

PROJECTS

- **UG Project** : Production of Bioethanol from Banana peels and Sugarcane baggases by submerged fermentation using *Saccharomyces cerevisiae*.

Description : The aim of the project was to quantitatively analyze the amount of ethanol produced from banana peels and sugarcane baggases.

- **Internship project** : Physicochemical and Microbiological analysis of *Eichhornia crassipes* and *Pistia stratiotes* polluting the backwaters of Alappuzha.

Description : The aim of the project was to analyse the antibiotic resistance of microorganisms polluting the backwaters of Alappuzha.

SEMINARS AND CONFERENCE ATTENDED

- Attended the “International Conference on Contemporary Research Trends in Mycology and Mycotechnology, CRTMMT 2019, organized by Mother Teresa Women’s University, Kodaikanal.
- Participated in “ WETLAB CHAMPIONSHIP (WLC) 2019, National Workshop cum Training on Advanced Techniques in Molecular Techniques” organized by Hindustan Institute of Technology and Science, Chennai in collaboration with Make intern and Shaastra(IIT Madras event).
- Attended the “National conference on Biotechnological Advances in Biomedical, Environmental & Agricultural Technology” organized by Department of Biotechnology, Hindustan College of Arts and Science, Chennai in collaboration with Indian Science Congress Association.

PERSONAL SKILLS & STRENGTH

- Problem solving skills
- Able to build relations
- Responsible
- Computer and internet skill
- Teamwork skill
- Communication skills (English, Malayalam, Tamil)
- Time management
- Punctuality

TECHNICAL SKILLS

- Quantitative analysis of nucleic acids
- Genomic DNA isolation from biomolecules such as whole blood, animal and plant material
- Plasmid DNA isolation
- Separation of nucleic acid by agarose gel electrophoresis

- Gene amplification by PCR
- Fermentation
- Qualitative analysis of protein, carbohydrates and lipids.
- Antibiotic assay test
- rDNA technology
- Microbiological techniques
- Tissue culture techniques
- Immunological techniques

REFERENCES

- Dr.R.Prathap Chandran, Principal (MSc., PhD), KVM College of Arts and Science, Alappuzha, dr.pratapchandran@yahoo.co.in
- Dr.C.Elizabeth Rani Juneius, Head of the Department (MSc., M.Phil., PhD), Department of Biotechnology, Hindustan College of Arts and Science, Chennai, elizabeth.juneius7@gmail.com
- Dr.L.Krishnasamy, Assistant Professor (MSc., M.Phil., PhD), Department of Biotechnology, Hindustan College of Arts and Science, Chennai, lksamy2004@gmail.com
- Dr.R.Eswara Lakshmi, Assistant Professor (MSc., M.Phil., PhD), Department of Biotechnology, Hindustan College of Arts and Science, Chennai, eswara.lakshmi@gmail.com

DECLARATION

I do hereby declare that the above particulars of information and facts stated are true and correct to the best of my knowledge and belief.

SREELEKSHMIS