

**K.KAUSHIK**

**B.Sc., M.Sc., BIOTECHNOLOGY**

**ADDRESS:** NO.19, SEEVARAM FIRST STREET

**E.MAIL:** kaushik180.krish@gmail.com

PERUNGUDI, CHENNAI – 600096.

**MOBILE:** 9884506295/6382577958.

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## **PROFESSIONAL PROFILE AND CAREER OBJECTIVE**

A Post Graduate in Biotechnology with hands on skills in Laboratory Techniques and sound knowledge in the field. Looking for a position to use my skills, knowledge and abilities in the trade that presents competitive surroundings, a true vocation to put in the acquired knowledge, and increase exposure to future technologies while being flexible and innovative.

## **EDUCATIONAL QUALIFICATION**

### **BACHELOR OF SCIENCE IN BIOTECHNOLOGY**

HINDUSTAN COLLEGE OF ARTS & SCIENCE, KELAMBAKKAM, CHENNAI.

DURATION: 2014-2017

PERCENTAGE: 61.3%

### **MASTER OF SCIENCE IN BIOTECHNOLOGY**

HINDUSTAN COLLEGE OF ARTS & SCIENCE, KELAMBAKKAM, CHENNAI.

DURATION: 2017-2019

PERCENTAGE: 70.8%

## **EXPERIENCE:**

Company: Lifecell International Pvt Ltd ( Mfine )

Designation: Executive – Lab Operations

Experience: 1 year and 5 months

Role: Dry Lab and Wet Lab ( TAT Monitoring and Analysis in Molecular Genetics and Cytogenetics)

## **PROJECT**

Synthesizing and Characterization of Silver Nanoparticles from Methanol Leaf Extract.

The main aim of this study is to synthesis of silver nanoparticles by *Salacia reticulata* at room temperature. The extracellular synthesized silver nanoparticles were characterized by ultraviolet-visible, at the range of 400 to 600nm and observed the absorption peaks which are identical to the characteristics, UV-visible spectrum of metallic silver and it was recorded. The Physiochemical Properties of Silver Nanoparticles using XRD. The antibacterial, studies showed significant activity as compared to their respective standards. From the results, *S.reticulata* silver nanoparticle has attained the maximum antimicrobial activity against clinical pathogens and also seen very good stability nanoparticle throughout processing.

### **INTERNSHIP**

Undergone Internship at Food Testing Laboratory, National Agro Foundation, R&D Centre, Anna University Taramani Campus, CSIR Road, Taramani, Chennai – 600113 during the Month of May 2018 under the Guidance of Mr. J. Saibaba, Head – Food Testing Laboratory in Chemical Analysis of Foods.

### **PUBLICATION**

Published an Abstract on Indian Science Congress Titled **“Tangible Benefits of Marine Biotechnology Research in Food, Health, Energy and Industrial Sectors”** Organized by Department of Biotechnology, Hindustan College of Arts & Science, Chennai.

### **CERTIFICATIONS**

#### **ZERO WASTE MANAGEMENT PROGRAMME**

DEPARTMENT OF BIOTECHNOLOGY & MICROBIOLOGY – COLLEGE PREMISES.

#### **MEDICAL CODING CERTIFICATION COURSE**

I SKILLS MEDICAL CODING SOLUTIONS – CHENNAI.

### **SEMINARS AND CONFERENCES ATTENDED**

Attended a two day state level workshop on “Animal Cell Culture” at Dr. Ambedkar Govt Arts College, Vyasarpadi, Chennai.

☐ Participated in the one day scientific seminar and workshop on “Prevention and Management of Iron Deficiency anaemia (IDA) at T.S.Narayanaswami College of Arts & Science, Navalur, Chennai.

☐ Participated in the one day seminar cum awareness programme on “Prevention and Management of Hepatitis” at Guru Nanak College, Chennai.

☐ Participated in a one day observation on “Human Peripheral Lymphocyte Culture & Karyotyping”

at centre for medical genetics, Kilpauk, Chennai.

- Participated in national level seminar on “biotechnological approaches towards sustainable future”

at D.G.Vaishnava College, Arumbakkam, Chennai.

- Participated in the international symposium on “Applications and Developments in Applied Sciences Research” at Holy Cross College, Tiruchirapalli, Tamilnadu, India.

□ Organized an Awareness Programme on Stem Cell with Datri stem cell organization and also organized National Level Conference/Symposium, Department of Biotechnology, Hindustan College of Arts & Science, Chennai in Collaboration with Indian Science Congress Association.

- Undergone an extension activity at Maraimalai Nagar, Chennai, related to “Organic Foods and Farming” organized by Department of Biotechnology, Hindustan College of Arts & Science, Chennai.

**SKILLS** : COMPUTER : Microsoft Word, PowerPoint, Excel, Outlook, Windows 7, 10.

LANGUAGES: English, Tamil.

**HOBBIES**: Reading Books, Net Surfing, Sports, Spending time with Friends, Listening to Music, Fine Arts.

## **REFERENCES**

Dr. Bharathi Ravikrishnan, Head of the Department(Ph.D.), Department of Biotechnology, Guru Nanak College, Chennai. E-mail: [b.btnathan@gmail.com](mailto:b.btnathan@gmail.com)

Dr. L. Krishnasamy, Assistant Professor(M.Sc, M.Phil., Ph.D.), Department of Biotechnology, Hindustan College of Arts & Science, Chennai. E-mail: [lksamy2004@gmail.com](mailto:lksamy2004@gmail.com) .

## **DECLARATION**

I do hereby declare that above written particulars are true to my knowledge and belief.

**DATE:**

**PLACE: CHENNAI**

**(K. KAUSHIK)**

