



## **KUMAR. S**

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### **Permanent Address**

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### **Personal Details**

Date of Birth : 30 April  
1993

Nationality : Indian

Father's Name :  
Sahayaraju. S

Mother's Name : Janet. A

Marital Status : Single

Language : English  
Malayalam  
Tamil

### **Hobbies**

- Listening Music
- Writing Poems
- Reading
- Social Work

### **Strength**

- Hardworking and dedicated
- Quick learner
- Positive thinking
- Problem Solving abilities

## **Career Objective**

I am a young aspirant marine biotechnologist from Mukkuva community, a traditional fishing community in south India. I am always interested in the education, research and voluntary services in coastal communities and currently working as a volunteer of FML as well as a junior marine scientist in MSSRF. I am contributing my literary skills to enrich the coastal writings. One of my long term goals is to become a leading person in the field of marine biotechnology and conservation. I am also very much interested to make policies, researches and publish journals regarding seabed ecosystems in India that area still needs much attention here. My dream is to build a scientific community where the indigenous knowledge of fishermen and the academic knowledge of fishermen meet in a same house.

## **Academic Qualification**

<b>Name of the Exam &amp; Institution</b>	<b>Board, University and year</b>	<b>Percent age of marks</b>
B.Tech-Biotechnology Udaya School of Engineering, Nagercoil	Anna University 2011-2015	73.8%
HSE Leo XIII <sup>th</sup> HSS, Pulluvila	Board of Higher Secondary Examination Kerala 2010	76%
SSLC PKSHSS Kanjiramkulam	Board of Public Examination Kerala 2008	80%

## **Technical Skills**

Languages : C, C++, JAVA, HTML

Operating system : Windows 7, Windows 8  
Windows XP

Bioinformatics tools : BLAST, FASTA, RASMOL, CLUSTAL

Genetic Engineering  
Techniques : PCR, SDS- PAGE, DNA Extraction &  
Quantification, DNA Bar-coding  
HPLC, Bio Analyzer, Cell culture

## **PROJECT UNDERTAKEN**

Potential Impact of Saffron (crocus Sativus) as an anticancer agent and perspective of its biological activity as anti bacterial, anti microbial agent at Life Teck Research Centre, Arumbakkam, Chennai (November 2014-March 2015)

## **PROFESSIONAL EXPERIENCE**

**September 2015-Present:** Working as Research intern in M.S.Swaminadhan Research Foundation, Chennai, South India.

Job Role: Analysis of the project sector and find the methodologies to enhance the agricultural and fisheries sectors through information and communication tools. Maintenance of reports and documents through Google sheets and provide training to the targeted project areas.

**May 2012-Present:** Volunteering Work with Friends of Marine Life (FML) as an indigenous marine researcher and technical knowledge provider for their projects.

Job Role: Data collection with established scientists, citizen scientists and indigenous fishermen for seabed ecosystem studies to locate Key Biodiversity Areas (KBA) in near-inshore areas of the west coast in South India. Visiting coastal indigenous communities such as Mukkuva, identifying indigenous knowledge holders and organizing knowledge gathering meetings with them. Documenting Indigenous and Local Knowledge (ILK) with traditional fishermen. Publishing and disseminating FML activities through Social media Contributing to the Kadalezhuth (Coastal writing) with regard to the seabed ecosystems, coastal and marine biodiversity, the culture and language of fishermen.

**July 2014-August 2015:** 1 year experience in Iniziotech Trivandrum as Project Engineer

Job Role: Conduct training sessions for workers to enhance the productivity and creating new innovative strategies and promotional techniques for the well sake of organization with proper documentation modules.

## **ACADEMIC HONOUR AND ACHIEVEMENTS**

- ❖ Participated and presented a paper in “Transfigures in Bioscience and Technology” on September 2013, organized by Association of Gene Genera, Department of Biotechnology, Madha Engineering College Chennai.
- ❖ Assisted a project “The diversity and distribution of marine species”, organized by centre for fisheries studies, Thiruvananthapuram
- ❖ Participated in National seminar on Natural Heritage of Kanyakumari District on 21-02-2014 organized by INTACH (Nagercoil Chapter)

## **EXTRA CURRICULAR ACHIEVEMENTS**

- ❖ Self published a poetry book entitled as “Ninakku Thorathirunnukoode”
- ❖ Awarded Best Actor Award in Gandhian Kalotsavam conducted by Government of Kerala and Kerala University

## **ACADEMIC REFEREES**

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