**Siddhesh**



**MSc. Botany**

Goa University

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#### Objective:

Seeking a challenging position to be a significant contributor to the organization to apply my skills and abilities & be innovative for my Career Growth

**Job Description:**

* 3+ years of experience in phytoplankton identification.
* Proficient in basic lab techniques.
* Good experience in working with Flow cytometer on picophytoplankton.
* Good working knowledge of different types of microscopes.

**Job Profile:**

**Phytoplankton and Picophytoplankton culture and collection of Biological samples –**

* Cruise sampling along cochin- Lakshadweep track.
* Daily sampling of estuarine and coastal water for phytoplankton collection.
* Identification of phytoplankton, chlorophyll estimation and isolation and maintenance of Cyanobacteria cultures.

**Standard Microbiology Lab procedures -**

* Well versed in standard protocols for sterilization, autoclaving, disinfection, staining, plating etc. Culturing micro-organisms from various sources.

**Data storage and processing –**

* Digitization of analyzed data with graphs and software’s
* Microsoft Excel, Microsoft PowerPoint…etc.

**Instrumentations –**

* Flow cytometer- FACS Aria II and FACS Verse.
* Microscope – Epifluorescences, Inverted, Compound.
* FlowCam system (Fluid Imaging Technologies Inc.).
* SATLANTIC FIReFluorometer System (Serial No. 03 S).
* Fluorometer (TURNER designs).
* Extraction of pigment samples for HPLC data.

**Work Experience / Projects Handled:**

## **Project Assistant at National Institute of Oceanography**

From - 1st September 2013 to 30th November 2016

* Recruited under XBT project GAP-2800. Titled - **“Observed trends in near surface layer salinity, temperature, depth in Indian waters**” (Kochi- Lakshadweep)
* Collection and analysis of biological samples.
* Recruited under BAMPI PROJECT GAP 2429, Titled – “**Ballast Water ManagementProgramme “.** (Major ports of India).
* Collection and analysis of biological samples collected.

## **Project Assistant at Goa College of Home Science**

From - 1st April2012 to20th August 2013

* Recruited under DSTE Project. *Titled* - **“Documentation, Study and utilization of local plants for natural dyeing** ” (North-Goa)
* Collection of natural dye yielding sources.
* Extraction of natural dye and dyeing different type of fabric using standard protocols.

**Qualification:**

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| --- | --- | --- | --- | --- |
| Course | University | Board | Year  | Grade |
| MSc. Botany | Goa University | Goa | 2012 | Second |
| BSc. Botany | St. Xavier’s. College of Arts, Science & Commerce | Goa | 2010 | Second |
| H.S.S.C.E | Kamakshi Higher Secondary College of Arts, Science & Commerce. Ponda-Goa | Goa | 2006 | Second |
| S.S.C.E | A.J.DE Almeida High School. Ponda-Goa | Goa | 2004 | Second |

**ComputerSkills:**

Six month computer programming with MS office, Internet, and basic computing skills

**Hobbies:**

Reading books, traveling.

**Personal profile:**

## Date of Birth : 15th September 1988

Languages Known : English, Hindi, Marathi and Konkani.

Nationality : Indian.

**References:**

Available on request