

## **MR .VISHNU S NARAYANAN**

**ENVIRONMENTAL ENGINEER**

**Contact:**

Mob: **+968 93076608(Oman)**

E-mai**vishnunarayanan348@gmail.com.**



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### **Objective**

To utilize my education, experience and other relevant talents for the development of academic as well as advanced research through whole hearted and sincere efforts. To provide myself an enriched career in the demanding field of Environmental Science and Technology through learning & training of various sound technologies and innovation in the current world of science.

### **QUALIFICATION**

**Master of Science in Environmental Technology (Environmental Engineering)**from  
(CUSAT )Cochin University of Science and Technology, Kerala India.

**Bachelor of Science in Chemistry** from ST: Aloysius College Edathua, Affiliated to MG  
University Kerala, India.

### **CAREER SUMMARY**

#### **WORK EXPERIENCE:**

- Presently working as Environmental Engineer at Muscat Projects & Environmental Services LLC, a Sub contractor of **Ministry of Regional Municipalities& Water Resources, Oman**, since January 2013.
  - Worked as Environmental Engineer at Biocoenosis Environmental Solution, Kerala July 2012 to November 2012.
  - Worked as Trainee at **National Environmental Engineering Research Institute (NEERI)** Kolkata Zonal Laboratory, West Bengal during January 2012 to May2012.
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## SKILLS AND ABILITIES

- Good knowledge in waste water treatment Process (Sewerage water Treatment ) Quality Control ,Design and process Calculation.
- Good knowledge in water and waste water Chemical Analysis and Data interpretation
- Good knowledge in portable water treatment and waste water treatment.
- SCADA (supervisory Control and data Acquisition ) monitoring and Control.
- Proficient in MS Office.
- Proficient in Aquasim Modeling Software
- Good knowledge in Environmental Impact Assessment and Air pollution control.
- Health and Safety Environment (HSE), QA/QC.
- Good knowledge in Solid waste Management
- Good knowledge in Sewerage Treatment Process and its Trouble shooting.

## JOB FEATURES

### **Muscat Projects &Environmental Services LLC, Muscat, Oman.**

- Experience in the Design and process of Sewerage Treatment Plant.
  - Experience in the Operation and Maintenance of Sewerage Treatment Plant.
  - Experience in the water quality analysis at the Chemical Laboratory of **Ministry of Regional Municipalities and Water Resources Oman.**
  - Experience in the Quality Assurance and Quality Control (QA/QC), Health and Safety Environment (HSE), Process Control, Monitoring and Trouble Shooting of Sewerage treatment plant.
  - Experience in the operation and maintenance of Ultra filtration (UF), and Pressure Sand filtration (PSF) systems.
  - Experience in the Supervisory Control and Data Acquisition (SCADA) monitoring and Control.
  - Experience in the Operation and Maintenance of Sewerage treatment plant at Musandam region, Nizwa region , Sur region and Al buraimi under the subcontractor of **Ministry of Regional Municipalities and water Resources, Oman.**
  - Experience in the preparation of monthly Operation and Maintenance Report and Analytical reports of Sewerage Treatment Plant under the MRM &WR Oman.
  - Experience in the Membrane Bio-Reactor (MBR) technology.
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## **Major Areas Studied under M.Sc. Environmental Technology Specialization in Environmental Engineering**

- Environmental management , Unit operation and process in water and waste water treatment, Solid waste treatment and air quality management, Water treatment technology, Flow and particle Mechanics, Chemometrics and good laboratory practices, Environmental Modeling, Environmental Biology, Environmental Chemistry. Chemical Engineering, Chemistry of water treatment, Environmental Impact Assessment.

### **Laboratory Training with Special Reference to**

- Physico-chemical characterization of water and wastewater, Environmental chemistry (Analysis of water and waste water, soil), Qualitative and Quantitative analysis of microorganisms from various sources, Air quality monitoring Techniques, Environmental engineering, Basic microbiology lab techniques and Environmental toxicology. Solid Waste Management,

### **Works carried out during the Course of Studies**

- M Sc dissertation was carried in the title of ***“Studies on Anaerobic Digestion of Municipal Solid Waste”*** under the guidance of **Dr. Sunil Kumar, Scientist (Grade C) at Kolkata Zonal Laboratory, National Environmental Engineering Research Institute, Kolkata, West Bengal.**
- The Technology of anaerobic digestion of organic fraction of Municipal solid wastes is, in many aspects, Process aspects digestion enhancement (several pre-treatments). Biogas produced from Anaerobic Digestion digesters contains a high fraction of methane and this should be efficiently used in order to generate energy. Special attention is paid to the advantages of anaerobic digestion in limiting the emission of greenhouse gases.

### **Areas of Interest**

- Sewerage Treatment Plant (STP) and its Design, Process control, Quality Assurance and Quality Control, Operation and Maintenances
  - Solid Waste Management, Environmental Engineering, Water and Waste Water Treatment, Air pollution control and monitoring Environmental Impact Assessment, Environmental Modeling,
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## Personal Profile

Nationality	:	Indian
Date of birth	:	30.09.1988
Sex	:	Male
Father's name	:	Sathyan N
Marital status	:	Single
Religion	:	Hindu
Languages Known	:	Malayalam, English, Hindi, and Tamil
Address	:	Pathilchira House, Kandankary, Thayankary P.Oalapuzha Kerala, India , Pin:689722
Passport No	:	K4287014
Date Of Issue	:	3/9/2012
Passport Expiry	:	02/09/2022

## Declaration

I hereby declare that the above furnished information is true to the best of my belief in spirit and content and I bear all the responsibility for the correctness of the above-mentioned particulars.

Place: Muscat  
Date:21/12/2013

**VISHNU S NARAYANAN**