

Dhanya M. S.

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Professional Summary

A passionate environmental engineer committed to solve public health issues, having experience in solid waste management and liquid waste management.

Highlights

- Solid waste management
- Designing of underground sewerage system and water supply system
- Detailed project report preparation
- SewerGEMS software
- WaterGEMS software
- Self-motivated
- Team leadership
- Extremely organized

Work experience

1. Technical Consultant, 09/2015 to present

Organization: Suchitwa Mission – Kerala, India

Responsibilities:

- Giving Technical Sanction to the source level solid waste management projects under Local Self Government Department, Kerala.
- DPR preparation for Solid Waste Management and City Sanitation Plan forSBM (Urban).
- Actively involving in the Haritha Keralam Mission projects of Govt of Kerala - A mission under Navakeralam Mission for waste management, organic farming and water resources management. The sub mission – waste management aims to achieve a Zero Waste Kerala by the end of the year 2021.
- Monitoring the Solid and Liquid Waste Management Projects placed by Local Self Government Institutions under the State and Central schemes.

2. Engineer- Environmental Practice, 02/2013 to 08/2015

Organization: InfraEn India Pvt. Ltd.- Bangalore, Karnataka, India

Nature of work

- Planning, designing, and DPR preparation of the underground sewerage system of Kumbakonam Municipality and Tirunelveli Municipal Corporation.
- Planning, designing, and DPR preparation of the proposed water supply distribution system for Madurai Municipal Corporation.

3. Software Engineer, 06/2011 to 01/2013

Organization: IBM India Pvt. Ltd.- Bangalore, Karnataka, India

Responsibilities: Application Developer (COBOL)

4. Manager Trainee (Engineering Dept.), 06/2007 to 06/2009

Organization: Sangrose Laboratories Pvt.Ltd,Aleppey, Kerala, India

Responsibilities:

Managing the manufacturing of various pharmaceutical dosage forms like soft and hard gelatin capsules, tablets, ointments and cream, liquid oral suspensions etc.

Achievements

- Presented paper on “Combustion Synthesis of Solid Oxide Ceramics for Fuel Cell Electrolyte Applications” in international conference “INCOTEE 2011”.
- Completed online course on ‘Introduction to Water Treatment’ offered by Delft University, Netherlands in November 2013.
- Sub editor of Technical Manual for Scientific Waste Management by Suchitwa Mission.
- Attended one week training on “Menstrual Hygiene Management” conducted by Water Supply and Sanitation Collaborative Council in December 2015.

Education

- M. Tech in Energy and Environmental Engineering
University: Vellore Institute of Technology, Tamil Nadu, India (2009-2011)
- B. Tech in Biotechnology and Biochemical Engineering
University: Kerala University, Kerala, India (2003-2007)