

Vasudha Vasu



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Profile Summary

Dedicated Environmental Engineer and academician with a passion of managing Environmental Engineering related projects. Experience as a teacher for btech graduate students to bring up a sense of problem solving skill in the field of Sustainability and key Environmental issues.

Work History



Assistant Professor

07/2018 - 04/2021

Sahrdaya College of Engineering & Technology (Thrissur, India)

- Courses handled - Mechanics of Solids, Geotechnical Engineering, Sustainable Engineering, Environmental Impact Assessment, Environmental Engineering, Municipal solid waste management and Air quality management.
- Handled theory and practical classes in Environmental Engineering and Material Sciences laboratory.
- Assessed students throughout the semester with innovative projects, seminars, assignments and quizzes ensuring more than 95% skills improvement.
- Actively involved in NAAC and NBA related programs conducted by the college for accreditation.
- Committee member in timetable calender, internal exam cell, NSS student cell
- Handled Class teacher of S7 and S8 students
- Guided students to undertake innovative Project and present and publish in International /National Conference.



Project Fellow (Dept of Civil Engineering, NSSCE Kerala)

03/2016 – 06/2016

- Study on the co-composting process of brewery sludge and source separated organic fraction of municipal solid waste using batch-scale in-vessel composting system funded by Kerala State Council for Science, Technology and Environment (KSCSTE)

EDUCATION

Aug 2016 – Apr 2018

M.Tech in Environmental Engineering

APJ Abdul Kalam Technological University

Thesis title : Characterization and Quantification of size segregated bioaerosols in different Environment

Aug 2011-Apr 2015

B.Tech in Civil Engineering

Calicut University

Thesis title : Estimation of size segregated bioaerosols in different Environment

BOOK/BOOK CHAPTERS

1.Jose, Alinda & P Jose, Anina & Unni P, Chethana & Babu, Dhanya & Vasu, Vasudha. (2019). Green Cell Reinforcement in Soil. 10.1007/978-3-030-26365-2_79.

ACADEMIC ACHEIVEMENTS

- Presented a paper on ‘Challenges in Sustainable Water Management’ in Karunya University,Coimbatore on 20th March 2015
- Completed a Course on RS & GIS Applications in Water Resource Mngement conducted by IIRS on June,2017
- Won second prize for the paper presented during National Conference on “Molecular Tools & Disease Diagnosis” at SCET, Thrissur on Oct 2019
- Got Elite certificate for the NPTEL-AICTE FDP course on Wastewater treatment and recycling
- Completed Winter School - 2017 on Participatory Wastewater Assessment for Pollution Abatement Plan for Small and Medium Towns held in Alapuzha conducted by IIT Bombay,KILA,CPS on 5th Dec 2017.
- Participated in AICTE sponsored National Conference on Changing Climate Scenario and Sustainable Resource Management (CSSR 2014) organised by department of Civil Engineering,NSS College of Engineering on 19th Jan 2014
- Presented a paper in National Conference on Technological Advancements in Civil Engineering entitled Estimation of Surface Runoff using Cheekuzhi Watershed using WMS on 11th April 2015
- Completed a Course on Basic Microbiology techniques during the work related to M Tech Thesis on 13th Dec 2017.
- Attended KTU Sponsored Faculty development programme on “Emerging Challenges in Sustainable Urban Development” on 12th July 2019.
- Attended KTU Sponsored FDP on “Solid Waste Management“

- Course completion certificate by Google through Coursera programs on the topic Foundations of Project Management

LANGUAGES

English
German
Malayalam

Business proficient
Beginner
Mothertongue,Native

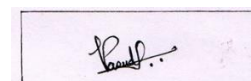
SOFTWARE SKILLS

	QGIS	STAAD PRO	Revit Architecture
	BIOWIN	SAP	
Civil Design	MINITAB	EPANET	
	Auto CAD 2D	MS Office(Word,Excel, Powerpoint)	

HOBBIES

- Singing
- Dancing
- Yoga

Declaration : I hereby declare that all the above information given by me are true to the best of my knowledge and I shall be wholly responsible for any wrong information if found.



Vasudha V