

# 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



07/2018 - 04/2021

### Assistant Professor

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.



03/2016 – 06/2016

### Project Fellow (Dept of Civil Engineering,NSSCE Kerala)

- Study on the co-composting process of brewery sludge and source seperated 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***

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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***

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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 ACHIEVEMENTS***

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- 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 Management 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*

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English	Business proficient
German	Beginner
Malayalam	Mothertongue,Native

## *SOFTWARE SKILLS*

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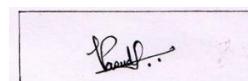
	QGIS	STAAD PRO	Revit Architecture
	BIOWIN	SAP	
Civil Design	MINITAB	EPANET	
	Auto CAD 2D	MS Office(Word,Excel, Powerpoint)	

## *HOBBIES*

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- 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