

# Vasudha Vasu



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## *Profile Summary*

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- 3 years of experience as an academician, handling Civil Engineering subjects for B-Tech students.
- Moulded students to bring up with innovative ideas to do their mini projects, micro projects and final thesis
- Volunteered in societal activities like NSS blood camp with students to inculcate a sense of service among students to build a helping hand to society as well.
- Mentored students to know their strength as well as weakness
- Worked as timetable committee member, internal exam cell and class co ordinator of S7 and S8 students.
- Worked sincerely in the department for its smooth functioning and also taken good name among the peers and management.
- Good knowledge about softwares such as Auto CAD 2D, QGIS, STAAD PRO, BIOWIN, WMS, Revit Architecture
- Well versed in softwares such as MS Office (Power Point, Excel, Word).

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## Work Experience



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.



03/2016 – 06/2016

- Actively involved in NAAC and NBA related programs conducted by the college for accreditation.

- Committee member in timetable calender, internal exam cell

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

- 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)

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### Personal Achievements

- Presented a paper on 'Challenges in Sustainable Water Management' in Karunya University
- Won second prize for the paper presented during National Conference on "Molecular Tools & Disease Diagnosis" at SCET, Thrissur
- Got Elite certificate for the NPTEL-AICTE FDP course "Wastewater treatment and recycling"
- Completed Winter School - 2017 on Participatory Wastewater Assessment for Pollution Abatement Plan for Small and Medium Towns held in Alapuzha
- Certification in a course on 'RS & GIS Applications in Water Resource Management'
- Participated in National Conference on "Technological Advancements in Civil Engineering"
- Attended KTU Sponsored Faculty development programme on "Emerging Challenges in Sustainable Urban Development"
- Attended KTU Sponsored FDP on "Solid Waste Management"

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### Educational Qualification

M.Tech (Environmental Engineering) | CGPA :8.37 | A P J Abdul Kalam Technological University

Thesis: Characterization and Quantification of size segregated bioaerosols in different environment.

B.Tech(Civil Engineering) | CGPA :7.91 | Calicut University

Thesis : Estimation of Surface Runoff using WMS and GIS

### Languages

English	Business proficient
German	Beginner

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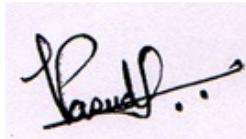
### Software Skills

	QGIS	STAAD PRO
	BIOWIN	SAP
Civil Design	MINITAB	EPANET
	Auto CAD 2D	MS Office
	Revit Architecture(3D model)	

### Hobbies

- Singing
- Dancing
- Yoga

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Kerala, 26.12.2021