

Flat no.A006
Someshwar Vista Apartments
Opp. Hindu Rudrabhoomi
Shakthinagar main road
Kulshekar, Mangalore 575 016
Phone: 09400946220(M)
Email: aswathiramprasad@gmail.com

ASWATHI.T

Career Objective:

Sharing knowledge & experience with students and helping them in gaining the abilities to build a better future. Would like to devise captivating, fascinating and unique practices of teaching that creates interest in students. With the help of my cordial nature, I would like to build good rapport with students as well as teachers around me.

Expertise Summary

- An innovative and knowledgeable professional having more than 8 years of experience as an Educator.
- Proficient in developing new lessons and activities to expand learning opportunities
- Extensive participation on committees and extra -curricular activities
- Excellent knowledge of subject and also have desire to learn more
- Proficient in giving conceptual knowledge.

Work Experience

- St. Joseph Engineering College – Mangalore
Designation: Assistant Professor — from 26/12/2022 - present
- Shree Devi Institute of Technology- Mangalore (4.6 years)
Designation: Assistant Professor — 07.08.2017 to 31.01.2022.
- NMAM Institute of Technology-NITTE (5 Months)
Designation: Assistant Professor — 15.7.15 to 11.12.15.
- Govt. College of Engineering, Kannur. (1.7 years)
Designation: Assistant Professor(adhoc) — 3.6.13 to 24.04.14
& 02.06.14 to 30.01.15
- College of Engineering, Trikkaripur (7 Months)
Designation: Assistant Professor(adhoc) — 6.9.12 to 31.3.13
- Our College of Applied Sciences, Thimiri (9 Months)
Designation: Lecturer — 02.09.09 to 09.06.10

Subjects Handled

Signals & Systems, Research Methodology and IPR, Digital System Design using Verilog, Introduction to Python Programming, Basic Electronics, Basic Electrical Engineering, Linear Integrated Circuits, Analog and Digital Electronics, Microprocessors and Microcontrollers, Digital Signal Processing, Image Processing, Satellite Communication.

Educational Qualifications

PhD - 2023

Registered under VTU(Provisional)

Amrita School of Engineering, Bangalore.

M.Tech - 2012

Discipline : Embedded Systems

Score : CGPA 8.44/10

B.Tech - 2009

Vimal Jyothi Engineering College, Chemperi

Discipline : Electronics & Communication

Score : 73%

Higher Secondary - 2005

Tagore Vidyanikethan GVHSS, Taliparamba

Discipline : Science + Maths

Score : 91%

Responsibilities Undertaken

- NBA Criteria Coordinator.
- IUCEE and TLC team member -SJEC.
- Mini project Coordinator.
- Internship Coordinator.
- Mentor & Class advisor.
- Course Coordinator.

Publications/Conferences

- Presented a Paper titled, 'SOLAR POWERED WATER BODY CLEANING ROBOT'in 5Th International Conference on Computational Intelligence And Digital Technologies in May 2023 in Kottayam, Kerala.
- Presented a paper Titled, 'Stagnation of Seed Germination using IoT' in the National level conference, JnanaSangama 2023 held in Puttur in May2023.
- Published a paper 'Unsupervised shallow morph-analyzer for Malayalam using recursive based approach', in International Journal of Applied Engineering Research (IJAER) pp.21197-21215
- Published a paper titled, 'Investigating bidirectional divergence in lexical semantic class for English-Hindi-Dravidian translations', in IJAER pp. 8851-8884

Research Grants

- Karnataka State Council of Science & Technology (KSCST) fund for the project titled “Hand Tremor Suppression Gloves for Parkinsons’s Patients”.

Academic Projects

- SHALLOW MORPH-ANALYZER FOR HINDI AND MALAYALAM: Research on the clustering-based method in getting the stem or lemma of word from the morphological variants and an efficient association metric for clustering has been proposed.
- STEMMING AND LEMMATIZATION FOR HINDI: study in the field of stemming and lemmatization, two natural language processing techniques using Python language.
- SILYBOT: A humanoid robot that can perform a variety of tasks like welcoming people, picking and placing objects etc.
- OBSTACLE AVOIDANCE ROBOTIC CAR: A robotic car that can change its path when an obstacle comes in front of it.

Achievements

- **Guided Final Year BE Project (2024):** Supervised the project titled “Hand Tremor Suppression Gloves for Parkinsons’s Patients”.
- **Guided Final Year BE Project (2023):** Supervised the project titled ‘Stagnation of Seed Germination using IoT’.
- **Guided Third Year BE Mini Project (2023):** Supervised the project titled ‘Breath Therapy for Voice Irregularity’.
- **Project Guide & Interpreter:** Assisted students from **Globala Gymnasiet, Sweden**, in their project on "Urbanisation" in collaboration with Kabani Community Tourism, Wayanad.
- **Project Guide & Interpreter:** Assisted students from **OsloMet University, Norway**, in their project on the “Co-existence of Different Religions in Kerala" in collaboration with Kabani Community Tourism, Wayanad.
- **Student Campaign Coordinator:** Coordinated student campaign programs in Education Expos in Kerala for SDIT.
- Represented Kerala at the XXV National Learn to Live Together Camp, 2000.

Technical Skills

Programming Languages : C, HDL, Python, Verilog

Software Tools : MATLAB, Keil, Pspice, Xilinx.

Personal Information:

DOB : 08/01/1988

Religion : Hindu, Nambiar

Marital Status : Married

Languages Known : Malayalam, English, Hindi, Kannada, Tamil

Address :

Permanent :

Geethanjali

Near AKG stadium,

Kuttikkol(PO), Taliparamba,

Kannur, Kerala - 670562

Present :

Flat No. A006

Someshwar Vista apartments

Nr. Hindu Rudrabhoomi,

Shakthinagar, Mangalore 575 016

References

Dr. Dayakshini

Professor & HOD

Dept. of Electronics & Communication

Engineering

SJEC- Mangalore. Mob : 9845327246

Dr. Deepa Gupta

Dept. of Mathematics

Amrita School of Engineering, Bangalore

Mob: 09916921850

DECLARATION

I hereby declare that all the details given above are true, complete and correct to best of my knowledge and belief.

Date : 20/06/2024

Place : Mangalore

ASWATHI.T