

RESUME

SUCHITHA H S

Email: suchithahs92@gmail.com

Mobile: +91 9164991306

Career Objective:

“To pursue a growth-oriented career in an organization where I can apply my knowledge and skills towards achieving an organization objective”.

Educational Qualification details:

Pursuing **Ph.D.** (VTU).

M.Tech (Computer Network Engineering) with **76.25%** in 2015 from **NIE, Mysore**.

BE (Electronics & Communication Engineering) with **79.39 %** in 2013 from **GMIT, Davanagere**.

Professional Summary: 5 Years Teaching Experience.

Currently working as **Assistant Professor** in **JNN College of Engineering**, Shivamoga (October 2025 – Till date).

2 Years 9 Months of experience as **Assistant Professor** in **PES Institute of Technology and Management**, Shivamoga (December 2022 – September 2025).

2 Years of experience as **Assistant Professor** in **S D M College of Engineering and Technology (SDMCET)**, Dharwad (September 2016 – 2018).

- As a lecturer developing new lessons and activities to expand learning opportunities.
- Extensive participation on committees and extracurricular activities.
- Proficient in giving conceptual knowledge.
- Employ differentiated teaching methods, incorporating and visual activities to address all learning styles.
- Provide individualized instruction to keep all students at expected skill level.

Subjects handled:

Theory: C programming, Python Programming, OOPs with Java, Theory of Computation, Microcontroller, Basic Electronics, ARM Processor, Internet of Things, Computer Networks and Digital Electronics.

Academic Achievements:

- Competed NPTEL online certification course on “Introduction to Machine Learning” with Elite+Silver and Topper(Top 2%)
- Competed NPTEL online certification course on “Problem Solving Through Programming in C” with Elite+Silver and Topper(Top 5%)
- Topper in B.E 3rd Semester.
- 2nd Topper in B.E 4th Semester.
- Secured 3rd position in MTech.

Academic Activities

- Has given Talk on “Trending Technologies and their Impact on Society” as a Guest Speaker at PES Polytechnic on 3rd July 2024.
- Talk on “Innovative insight for future generation” given for pre-metric students of GGPUC Newtown College Bhadravathi.
- Published Paper titled “Advancing IoT Network Communications with PBFT Consensus and ECC Authentication in March 2025.
- Attended ATAL FDP on “Innovative VLSI Paradigms: MEMS, 3D ICs, and AI-Driven Design” at Vidya Vikas Institute of Engineering and Technology
- Attended FEP program on Advanced Python Technologies organized by INFOSYS SPRINGBOARD.
- Attended one-week AICTE-VTU Joint Teachers training programme on “Introduction to Python Programming and its applications organized by VTU, Center for PG Studies, VIAT. (From 13th March to 17th March 2023).

Paper publications

Paper publications

1. Suchitha, H. S., et al. (2024). Silkworm yield prediction: Exploring leaf types and species. International Journal of Research in Engineering and Technology, 8, 2582–0958. (IJREIT)
2. Suchitha, H. S., et al. (2025). Advancing secure IoT network communications with PBFT consensus and ECC authentication. International Journal of Scientific Research and Engineering Development, 9(3), 2582–9350. (IJSRED)

Projects:

1. Secured Transmission and Lossless Reconstruction of Secret image using IBC.

Description: The purpose of this project is to provide confidentiality to the secret image which is transferred from sender to receiver in a peer-to-peer network by using SKIP and Steganography.

2. Smart Energy Management System.

Description: The purpose of this project is to achieve maximum utilization of the solar energy and in this we will be tracking sun light to get more energy. This energy will be stored, and we can use it further for any applications and some energy can be delivered to electricity board, if the generated electricity is more.

Personal details:

Date of Birth: 15-04-1992

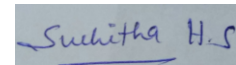
Languages Known: Kannada, English, and Telugu.

Father's name: Shashidhara.

Mother's name: Nagaveni.

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.



Date: 22/11/2025

yours sincerely

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