

Pallavi C V

pallavi.vasist@gmail.com

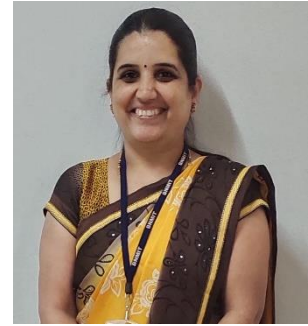
#385,4th cross,11th Block

Srinivasapura, Banashankari 6th stage

Uttaralli Kengeri Main road,

Bangalore -560060

Mobile: 9620332525



SUMMARY:

Perusing PhD under VTU in the domain of IoT Agriculture, Completed Comprehensive Viva

15+ years of teaching experience in IT.

Quick learner with the ability to rapidly achieve organizational integration, assimilate job requirements and employ new methods and technologies. Energetic and self-motivated team player /builder. Highly motivated Teacher with experience in training small and large groups. Proven success in teaching educational theories and methodologies in the domain of Computer science and engineering. Well trained to provide onsite and virtual training. Strong Communication, interpersonal, intuitive, and leadership skills.

- Delivered online and classroom training for UG and PG students in the Computer science and Engineering domain.
- Conducted Placements training for IT and Non IT students in the Engineering domain

EMPLOYMENT HISTORY:

PROFESSIONAL EXPERIENCE:

Lecturer in Computer Science department (July 2005-October2005)

College: Srimath Polytechnic, Mysore

Lecturer in Computer Science department

College: JSS women's Polytechnic (Part time) (July 2005-October2005)

Lecturer in Computer Science department (Dec 2005-July 2007)

College: JSS Polytechnic

Lecturer/Asst.Professor in Information Science department (July 2007-Aug 2012)
PES Institute of Technology, BSK, Bangalore-85

Asst. Professor in Computer Science department (Sep 2012-July 2017)
SET, Jain University, Bangalore.

Asst.Professor in the Dept. of ISE at **JIT, Bangalore** (Aug 2017-Mar 2021)

Currently working as an Asst.Professor in the department of computer Science and Eng.
at **BNMIT, Bangalore** (Sep 2021-Till date).

SUMMARY OF QUALIFICATION:

Pursuing PhD under VTU in the domain of IoT Agriculture

MTech in CNE at National Institute Of Engineering, Mysore
Secured B grade with CGPA 7.95 out of 10

Bachelor of Engineering in Computer Science and Engineering, KIT, Tiptur under
Vishweshwariah Technological University, First Class and 69% aggregate.

Diploma in Computer Science and Engineering, Board of Technical Education. First Class
(67.4%)

Degree	Institution	Month and Year of Passing	% of marks Obtained
MTech (CSE)	NIE,Mysore, India.	Aug 2010	7.9CGPA
B.E (CSE)	KIT, Tiptur, India.	July 2003	69%
(PhD)	Pursuing PhD under VTU in the domain of IoT Agriculture	Completed Course Work and Comprehensive Viva	

Subjects taught

Fundamentals of Computer Science, Computer Networks, Data Structures, Software Testing, OOMD, Data Communication, IoT, C, C++, Microprocessor, Microcontrollers and Arm Processors

Workshops and FDP's actively participated

- 3 day workshop on "**Joy of Learning computer networks** "organized by **Dept of ISE,PESIT ,2012**
- 7 Day "**FDP on Business Intelligence**" organized by **Infosys** at Infosys campus,Mysore,2013

- 3 day Workshop on “**Networks Animation Tool NS2**” organized by **Dept of CSE and ISE, at CMRIT, 2015**
- Participated in 7 day “**FDP on storage area networks by EMC²**” held at **CMRIT** and cleared the test by scoring 64%.
- 4 day workshop on “**knowledge discovery and applications**” organized by **Dept of CSE, at SJBIT, 2015**
- 7 day workshop on “**Database and java 4.0**” as part of campus connect program by **Infosys, 2016**
- 7 day workshop on “**Python Programming**” as part of campus connect program by **Infosys**
- Participated in 7 day + 3 day workshop on “**Out Come based education**” , organized by **SET-JU 2016, 2017**
- Participated in 5 days training program on **IoT Application Development** conducted by **CISCO-RVCE CoE-IoT** during **16th to 20th January 2018**
- Participated in winter school “**Emerging Topics in Computational Intelligence-Theory and Applications**”, on **6th January 2018**.
- Participated in the **three day Faculty Development Programme on Machine Learning Fundamentals** from **18th July to 20th July 2018**.
- Participated in **FDP titled “DATA ANALYTICS WITH PYTHON”** at **JIT** from **21st -25th JAN 2019** organized by **anvira Edustation** supported by **IIT Bombay**.
- Participated in **FDP on “IoT Industry Trends”** supported by **ATAL Innovation Mission, NITI Aayog, Govt of India** in association with **JIT on July 18th and 19th**
- Participated & completed successfully **AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence"** from **2020-9-21 to 2020-9-25** at **Jyothy Institute of Technology, Bengaluru**.

Proposed IDEA in the IDEA contest at SET-JU 2016

- Presented an IDEA on issuing of “**Soil health cards to farmers**” in the **IDEA contest** held at **SET-JU 2016**
- The idea is to promote soil test based balancing of nutrients to manage fertility related risks for higher production by giving recommendations between harvests of one crop and sowing of one crop, dynamically using IoT techniques.

Certifications

Completed the **NPTEL Online Certification Course** supported by **IIT Kharagpur** on “**Data Mining**” with consolidated score of **68%**.

Membership

Got membership in “**The Institution of engineers**”

Projects guided

Soil Health Monitoring using IoT

Weed classification using artificial intelligence

Breath-Check

Automated phrase mining and identification active and passive sentences using neural networks

Methodology adopted in Teaching-Learning process

As a teacher I have adopted “Activity based learning” to improve the class room experience of students

- Role Plays on some core concepts like sliding window protocols and working of different data structures
- Pictionary
- Animations for networking concepts like working of OSI reference model, packet switching etc...
- Visualization of some difficult concepts like tree traversing, construction binary trees and heap trees etc...
- Giving Quizzes to understand the concept
- Collaborative learning
- Cooperative learning
- Animated ppt's
- Tool based learning

Additional responsibilities

- Framed the syllabus for Networks lab that incorporates NS2 tool and programs dealing client server architecture
- Taken the initiative in setting up of the networking academy by **CISCO** , which enables the students to imbibe knowledge & avail CISCO certification at reduced costs
- Has been appointed as valuator and external examiner for subject labs like micro controller, C lab, logic design, as well as project lab as part of evaluation process
- Set Question papers on subjects like micro controller, data structure, & computer networks for autonomous colleges under VTU.

Ph.D. Research Status

Cleared course work exam for the PhD course., under VTU. Finished comprehensive viva.

Publications

1. Published paper with title **“IOT ARCHITECTURE FOR AGRICULTURE APPLICATIONS: A FORMAL ASSESMENT”** in Scopus index journal **“JOURNAL OF CRITICAL REVIEWS”**. ISSN- 2394-5125 VOL 7, ISSUE 14, 2020.

2. Published paper in Online International Conference on **“Recent Trends in Computer Science and Information Technology”** on 17th & 18th June 2020 (ICRCSIT – 20) with title **“Weed classification using artificial intelligence ”**. ISBN No 978-93-88096-42-3.

3. **“IoT based Site specific nutrient management system for soil health Monitoring”** has been accepted in first International Conference On **Smart and Sustainable Technologies in Energy and Power Sectors**.

4. Published paper **“Sentiment Enhanced Smart Movie Recommendation System”** in 3rd International Conference on Sustainable Expert systems (ICSES-2022) Springer .

Patent

Published patent Under the title **“Artificial Intelligence Based Techniques to monitor and maintain the Quality of Drinking water supplied to households”**

PERSONAL PROFILE:

Name : Pallavi C.V
Fathers Name : G.Venkataramu
Language Known: Kannada,English and Hindi
Date Of Birth : 9th may 1979
Marital Status : Married

The above statements are true to the best of my knowledge and belief.