Dr. Padmashree T

#2929, Sri Maalekallu
5th main, 2nd cross
Kumaraswamy Layout 2nd stage
Bangalore-560078
Contact : 9632076605
Home Phone : (080) 26663485
Email: padmashreet@rvce.edu.in

PROFESSIONAL QUALIFICATION

1. **Bachelor of Engineering in Computer Science and Engineering (B.E. CSE)**
   First Class with Distinction (77% Aggregate)
   Visveswaraiah Technological University (VTU)

2. **Master of Science (MS) in Computer Science**
   GPA – 3.76 out of 4.0 Grade A Excellent.
   Pace University, New York City, New York

3. **Doctor of Philosophy in Faculty of Computer and Information Sciences**
   VTU, Belgaum. Degree awarded in March 2019.

WORK EXPERIENCE

EMPLOYER NAME	DESIGNATION	FROM	TO
RVCE, Bangalore	Asst.Professor	August 2014	Till date
DSCE,Bangalore	Asst.Professor	August 2011	July 2014
RVCE, Bangalore	Lecturer(UG and PG)	August 2005	May 2010
Pace University, New York	Graduate Assistant, Teaching and Programming	July 2004	May 2005

RELEVANT EXPERIENCE

1. Worked in Dept of CSE, RVCE as a Lecturer and have taught subjects Computer Networks, Object oriented analysis and Design, Network Management, C# and .Net Programming, Cryptography and Network Security for both Undergraduate and Post Graduate students.
2. Have taught OOAD and Network Management for students of MS in Information Technology, Mangalore University Correspondence program.
3. Have been a part of Infosys Campus Connect program training non IT students on Object Oriented Concepts.
4. Have taught OOAD to the M.Tech QIP students of RVCE.
5. Have taught basic Java programming to the BS students of Pace University, New York in my role as a teaching assistant for a period of 10 months.
6. Handled projects for both BE and M.Tech students of Computer Science and Engineering.
7. Worked in the department of Information Science and Engineering at Dayananda Sagar College of Engineering and have handled subjects like Java and J2EE, Information and Network Security,Graph Theory and Combinatorics, Discrete Mathematical Structures, ADA Lab and Networks Lab.

SKILLS AND INTERESTS

1. Excellent Communication Skills.
2. Capacity to work in Team or individually and take up responsibilities.
3. Interested and always willing to append and expand knowledge constantly.
4. Interested in Industry institute interaction and continuously collaborating with industries to enhance knowledge and enable students to interact with industry.

ADDITIONAL QUALIFICATIONS/ACHIEVEMENTS/AWARDS

1. NIIT Certified VB.Net, ASP.NET programmer
2. Published a research paper on "Speech/Tool database system" at the Student/Faculty research day in Pace University, New York.
3. Have undergone Faculty development training at RVCE, Bangalore.
4. Have been a part of IBM Student Faculty project development program and played the role of a mentor for a group of 3 students to execute a image processing project.
5. Have played a major role in organizing IBM Technology Day in the Dept. of CSE, RVCE.
6. Have been the coordinator for organizing various events both at college level and department level at DSCE, Bangalore.
7. Have coordinated a five day workshop on Java from 12th to 16th December by Richard Coleman from the University of Alabama, Huntsville-USA at DSI.
8. Have participated in the workshop conducted by BITES (Board for IT Education Standards) on "Java, SOA and Message Oriented Middleware" in August 2011.
9. Have conducted various workshops and technical seminars for students of 4th and 6th semester ISE in the year 2013 as a part of Change to Excel program at DSI.
10. Have attended a 3 day workshop on NS2 for wireless networks held at Reva ATM in January 2014.
11. Have been a part of BOE team to allot practical examinations for VTU.
12. Have played a major role in signing Memorandum of Understanding of ISE,RVCE with ISACA.
13. Appointed as a coordinator for ISACA from RVCE.
14. Presently involved in the portal development and enhancement of e-udyami, an investor portal for Karnataka.
15. Coordinator for VTU, AICTE at RVCE for 2 years.
16. RVCE Website coordinator for 3 years.
17. Conducted and coordinated a talk on Information Security by ISACA team under the CSI (Computer Society of India) banner.
18. Provided training to BSF personnel on VB .NET and MS Access on the BSF-STS Campus, Yelahanka.
19. Conducted and coordinated a 2 day workshop on Enterprise Information Arcthitecture by SPARX under the TEQIP programme.
20. Course topper for "Introduction to Research" course in NPTEL, conducted by IIT, Madras.
21. Co-ordinated a MoU with GCSRT(Global Cyber Security Response Team) to set up a Cyber cell at the institution level.
22. Co-ordinator for Team SMART, an initiative to set up a Internet of Things Centre of Excellence in the department of ISE, RVCE.
23. Registered and participated in online NPTEL course on Wireless Sensor Networks, IIT Kharagpur.
24. Completed the certififcation course on "Research Writing' in NPTEL online course platform.
25. Incorporated the NPTEL course as a part of curriculum for ET-WSN students.
26. As a part of WSN course, encouraged students to write Survey papers for Journals after handling sessions on technical paper writing and Plagiarism.
27. Proposals for funding agencies like VGST, BPRD has been submitted.
28. Text book chapter proposal for Springer text book on "Cloud Computing and Applications" has been submitted.
29. Text book chapter proposal for Springer text book on "Analysis of protocols in healthcare" has been submitted.
30. Associated with IBM for arranging technical sessions to students.
31. Felicitated at RSST for scopus index publication on Jan 26th 2019.
32. Interacting with IBM to bring in Projects for UG students as an initiative to expose students to industry programming standards.
33. Continuous interaction with Sify technologies to incorporate research on healthcare as a part of their product innovation center.
34. VTU Resource person for the EDUSAT program to deliver Software Engineering course to be streamed across the state for numerous institutions through satellite communication.

35. Organized an event of "Living and Working in space" at ISE,RVCE in association with ASE, RVCE. Team including speaker from NASA addressed students and faculty members.
36. Involved with examination section at RVCE for maintaining the exam software.
37. Have been the coordinator for organizing various events both at college level and department level at RV College of Engineering, Bengaluru.
38. Co-ordinated international conferences held in CSE and MCA Departments in various capacities.
39. Identified as the main co-ordinator from ISE department for CSITSS-2019 International conference organized jointly by CSE,ISE and MCA.
40. VTU Resource person for the E-shikshana program to deliver Java and J2EE course to be streamed across the state for numerous institutions through Internet communication
41. Various proposals submitted to VGST,DST, IIIT-B for project execution.
42. Part of the NPTEL translation program for converting courses in English to Kannada.
43. Attended the Women In Engineering program held at MCA Seminar Hall, RVCE in 2019.
44. Co-ordinated the IEEE conference in various capacities at the CSITSS – 2017, 2018 and 2019 conferences at RVCE jointly organized by CSE,ISE and MCA.
45. Main Co-ordinator for CSITSS-2019, Technically co-sponsored by IEEE jointly organized by CSE,ISE and MCA departments of RV College of Engineering.
46. Contributed as reviewer for Network related papers at for IEEE sponsored conference in RVCE in July 2019.
47. Active member for IEEE- Attended the AGM meeting on Jan 5, 2020 held at MSRIT, Bengaluru
48. Active member for IEEE- Participated in the IEEE authorship workshop in December 2019.

PERSONAL INFORMATION

Date of Birth: June 4th 1980
Marital Status: Married

LIST OF PUBLICATIONS

1. Dr.N.K.Cauvery, Padmashree T,"A Short Study of Wireless Sensor Networks in Healthcare Networks" in International Journal for Mobile and Ad-hoc Networks, Volume 2, Issue 2, May 2012.
2. Dr.N.K.Cauvery, Padmashree T, "A Novel approach for Congestion Control in Healthcare Wireless Sensor Networks" in International Journal of Computer Science and Communication, Volume III, Number II, September 2012.
3. Dr.N.K.Cauvery, Padmashree T, Manasa M B "Distributed Algorithm for Independent Fairness Management to Control the Congestion in Wireless Sensor Network" in (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (6), 2014, 7602-7605.
4. Saurav Mawandia, Padmashree T, Dr.N K Cauvery, "Secure sharing and storage of personal health records in Cloud and reading current health data use Sensor Networks", International Journal for Scientific Research and Development, | ISSN (online):2321-0613, 2015.
5. Suprith S ,Dr.N.K.Cauvery, Padmashree T Published a paper in "Simulative Study of LoCoDuo with LEACH For Routing In WSN" in International Journal for Innovative technology and research, IJITR (Vol-3, Issue-3, April - May 2015).
6. **Dual Buffer Mechanism using LoCoDuo for Congestion Control in Healthcare WSN, Applied and Theoretical Computing and Communication Technology (iCATccT), 2015 International Conference, 29-31st October 2015, IEEE Digital Xplore, DOI: 10.1109/ICATCCT.2015.7456847**
7. Padmashree T, Dr.N.K.Cauvery, Smitha G R, "Advanced Wireless Telemedicine application using Embedded Sensor and Android OS", International Journal for Advanced Research in Computer Engineering and Technology, Volume 4, Issue 8, September, 2015.

8. Padmashree T, Dr.N.K.Cauvery, Anirudh V C, Punith Kumar, "Patient Health Monitoring System and Prediction using Data Analytics", International Journal of Innovations in Engineering and Technology (Thomson Reuters), Volume 8, Issue-1, ISSN: 2319 – 1058, Pg-162-164, February , 2017.

9. Swetha Kumari. B. G , Padmashree. T, Dr.Cauvery N. K ,"Android Based Body Temperature, Heart rate And Drowse Sensor Monitoring Using An SMS Based Telemedicine System", IAETSD Journal for Advanced Research in Applied Sciences, Volume 4, Issue 1, ISSN (Online): 2394-8442, Pages - 106-111, Scopus Index ID - 50E4CF07B9886F83, June ,2017.

10. Aditya Vikram , Priyank Avijeet , Krishanu Takhtani , Padmashree T, Dr. Cauvery N K ,Congenital Heart Disease: A Survey Report and Prediction, IAETSD Journal for Advanced Research in Applied Sciences, Volume 4, Issue 1, ISSN (Online): 2394-8442, Pages-524-526, Scopus Index ID - 50E4CF07B9886F83, June, 2017 (**Best Project Award**)

11. Padmashree T., Cauvery N.K., Chavan S. (2018) Performance Analysis of WSN Routing Protocols with Effective Buffer Management Technique. Information and Communication Technology for Intelligent Systems - Volume 1. Smart Innovation, Systems and Technologies, Vol 83. Springer, Cham DOI https://doi.org/10.1007/978-3-319-63673-3_11, Print ISBN978-3-319-63672-6 (**Published as Book chapter in Springer**)

Signature