



V. Padmapriya

Assistant Professor, Dept. of Computer Applications, BMSCE

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Career Objective: To make a significant contribution in raising the quality of education in the field of Computer Applications

Qualification:

2023	Ph.D in Applied Sciences (MCA) Visvesvaraya Technological University, Belagavi
1996-1999	Master of Computer Applications B.M.S. College of Engineering Bangalore University, Bangalore
1993-1996	Bachelor's Degree in Science (B'Sc – Electronics) Marimallappa College, Mysore University- Mysore
	Pre University Education
1991-1993	B.M.S. College for Women Bangalore
1990-1991	SSLC R.V. Girls High School Bangalore

Research Area: Computer Networks – Vehicular Ad Hoc Network (VANET), Intelligent Transport System

Teaching Experience: 21 years

Work Place and designation	Designation	From	To
Assistant Professor Department of Computer Applications B.M.S. College of Engineering Bull Temple Road, Basavanagudi, Bengaluru, Karnataka 560019	Assistant Professor	02.06.2008	Till date
Lecturer, Department of MCA Regional Institute of Cooperative Management, 186, 24th Cross Road, Banashankari Stage II, Banashankari, Bengaluru, Karnataka 560070	Lecturer	16.07.2007	01.06.2008
Lecturer, Department of Computer Science PES Polytechnic, 50 Feet Road, Hanumanthanagar, Bengaluru, Karnataka 560050	Lecturer	02.01.2006	05.07.2007
Corporate Trainer Mahalasa Infotech, Mahalakshmi Layout, Bangalore	Lecturer	01.03.2001	25.03.2002
Lecturer, Department of Computer Science PES Polytechnic, 50 Feet Road, Hanumanthanagar, Bengaluru, Karnataka 560050	Lecturer	01.07.2000	25.01.2001

Teaching Interest:

- Ad Hoc and Wireless Sensor Networks, Computer Networks, Database Management Systems, Mobile Computing and Wireless Communications, User Interface and User Experience Design, Web Technologies
- MEAN and MERN Stack Technologies, Blockchain, Cyber security

Recognitions / Accomplishments / Associations

- Working as Student Advisor for BMSCE IEEE – WiE SB since 2011.
- Award of Excellence by BMSCE for securing $\geq 90\%$ score for 12 student feedback of 4 semesters continuously for the year 2016.
- Mentored and released applications to handle Course End Survey for the Department of Computer Applications at BMSCE in 2016
- Mentored students for Internship at Enterprise Atlas Inc. Boston, USA in November 2014, to provide SAP Solutions.
- Mentored students for internship at Abriotic E.D.S Pvt. Ltd, to provide solutions for IoT-based applications in the year 2019.
- Mentored and released the Mobile application “EcoLib” to handle the issue and return of books for the library at the Department of Computer Applications at BMSCE in 2018 (Team members were students of
- Mentored and released an application for managing office-related activities for the MCA office “Office Management System” in 2019
- Worked at the capacity of Website Co-Chair for Women in Engineering- International Leadership Summit 2019 (WiE ILS-2019), organized by IEEE Bangalore section in the year 2019.

Invited Talks:

- *Delivered a talk on “Pathfinders – Be your own scout” at SRS First Grade Degree College, Chitradurga.* This talk was on job opportunities and future direction for BCA students of this college.
- Resource person for several faculty development programs covering areas of *Enhancing IT skills Computer Networks, cyber security, research paper writing etc.*
- Delivered a talk on “Art of Designing Web Pages: An Insight for the BCA students of KLE Society Degree College, Nagarabhavi, Bengaluru in the year 2020.
- Delivered a talk at the UGC-sponsored One – Day Workshop on “Web Programming” for B.Sc and BCA students of Government Science College, Bengaluru on 15th Feb 2019.
- Delivered a talk on “Analyzing the security issues on the Applications in Vehicular Networks” organized by Data Security Council of India (DSCI) & Target Corporation, Bangalore on 12th June 2018.
- Delivered a talk on “Network Visualization Tools” at the Faculty Development Programme on "Computer Networks and Security" organized by Dept. of Computer Science and Engineering and Dept. of Electronics and Engineering, BMSCE and Dept. of Computer Science and Information Technology, MJRPU, Bareilly.

Publications:

Journals

1. V. Padmapriya, Ranganath B.S., S. Uma "Unload Junk: A Mobile Application for Recyclable Waste Scheduled Pickup", International Journal of Computer Applications. 186, 22 (May 2024), 25-30. DOI=10.5120/ijca2024923658
2. Meghana R, N K Daalvi Dechamma, V Padmapriya, S Uma, "Med Link Monitor: Smart Medicine Distribution System", International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, Volume.12, Issue 4, pp.g26-g30, April 2024.
3. "A Two-Phase Approach for Efficient Traffic Sign Detection and Recognition", Indian Journal of Science and Technology, ISSN: 0974-5645, Volume.17, Issue 12, pp. 1203-1212, March 2024. (Web of Science Indexed).
4. "Grey Water Reuse: A sustainable solution to urban water management", in Tanz Research Journal, Volume 10, Issue 1, 2024, Page No.192-197, ISSN. NO: 1869-7720, DOI:10.6084/doi.24.10.1.TANZ21851. (Scopus Indexed).

5. "Deep Learning For Medicinal Plant Leaf Classification: A Hybrid Approach", in International Journal of Applied Engineering & Technology, Volume 5, No.4, Dec 2023, Page No: 995 -1005. ISSN: 2633-4828 (Scopus Indexed)
6. V Padmapriya, D N Sujatha, "*Exploring Reinforcement Learning Environment for User-centric Applications in VANET*", Medicon Engineering Themes, Vol. 3, Issue 6, pp.13-24, Nov 2022, DOI: 10.55162/MCET.03.092.
7. D N Sujatha, Mahesh M, V Padmapriya, "*Detection of Cotton and Hibiscus Flower using YoloV5*",GIS Science Journal,Vol.9, Issue3, pp.387- 396, **DOI:20.18001.GSJ.2022.V9I3.22.38807**

Book Chapters

1. V Padmapriya, D N Sujatha, "*Blockchain for Smart Cities: Future of Sustainable Smart Cities: An Insight*", Elsevier, pp.17-34, Jan, 2021.
2. V Padmapriya, D N Sujatha, "*Green Blockchain Technology for Sustainable Smart Cities: Blockchain impact on the urban environment and climate change*", in press, Elsevier, Jan 2023.

Conferences

1. Mahesh, M., R. Rohan, V. Padmapriya, and D. N. Sujatha., “A Framework to Detect Hibiscus Flower Using YOLOV3 and SSD MobileNet.”, In *ICDSMLA 2020*, pp. 699-705. Springer, Singapore, 2022.
 2. V Padmapriya ; Akshay K Ashok ; D N Sujatha ; K R Venugopal, “Road Side Unit assisted Emergency Vehicle Transit Approach for Urban Roads using VANET”, In proceedings of 2019 IEEE Third International Conference on Electrical, Computer and Communication Technologies (ICECCT 2019), 20- 22 Feb, 2019.
 3. V Padmapriya, D. N. Sujatha, K. R. Venugopal , “Threat on Incentive Based Earning in VANET”, In proceedings of International Conference on Wireless, Signal Processing & Networking (WiSPNET-2017), pp. 123-128.
 4. V Padmapriya, Smitha S, D. N. Sujatha, K. R. Venugopal , “Impact of Malicious Node on Secure Incentive Based Advertisement Distribution (SIBAD) in VANET”, In proceedings of 7th IEEE International Advance Computing Conference (IACC-2017) pp. 226-232.
 5. V Padmapriya, D. N. Sujatha “A futuristic approach for Secure Advertisement Distribution in VANET”, In Indian Technology Congress ITC-2015, Bangalore. July 29-30, 2015.
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