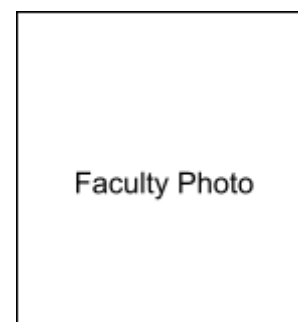


Faculty Profile

Brief Profile

N. Sushmitha is currently serving as an Assistant Professor in the Department of Information Science and Engineering at R.V. College of Engineering (RVCE), Bengaluru. With over 15 years of teaching experience, she brings a strong academic foundation and an enduring passion for education and research. She is currently pursuing her Ph.D. under Visvesvaraya Technological University (VTU), Belagavi, with research focused on A Comprehensive Deep Learning Framework for Predicting Crop Yield by Integrating an Intelligent KIOSK System.



Sushmitha has handled a wide range of subjects including Computer Networks, Operating Systems, Cloud Computing, Cyber Security, and Information Security. She has also been involved in various lab sessions, ensuring students gain both theoretical and practical knowledge. Her technical expertise spans programming languages such as C, C++, Java, and Python.

She has published more than 30 technical papers in reputed international journals and national conferences, covering domains like machine learning, cybersecurity, cloud computing and ICT tools in education. Her research interests lie in emerging technologies, machine learning, BCI and network security.

Personal Information

- **Name:** Sushmitha N
- **Designation:** Assistant Professor
- **Department:** Information Science and Engineering
- **Email:** sushmithan@rvce.edu.in
- **Phone:**

Google Scholar / ResearchGate / LinkedIn: <https://www.linkedin.com/in/sushmitha-n-248755234/>

Domain of Expertise

Research Focus

- **Primary Area:** Machine Learning
- **Allied Areas:** Artificial Intelligence in Machine Learning

Academic Qualifications

- **Ph.D.:** Computer Science, VTU(Persuing)
- **M.Tech:** Information Communication Technology, VTU, 2011
- **B.E:** Information Science, VTU, 2007

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1	Dept. of Information Science & Engg. R V College of Engineering, Bangalore	Assistant Professor	Aug 2014 till date
2	Dept. of Information Science & Engg. Vidyavardhaka College of Engineering, Mysore	Assistant Professor	Apr 2013 – Dec 2013
3	Dept. of Computer Science & Engg. Vidyavardhaka College of Engineering, Mysore	Assistant Professor	July 2011 – Apr 2013
4	Dept. of Information Science & Engg. JSS Polytechnic for Women, Mysore	Lecturer	Jan 2009 – July 2011
5	Dept. of Information Science & Engg. SJCE, Mysore	Lecturer	Sept 2008 – Dec 2008
6	Wipro Technologies, Bangalore Wipro Technologies, Bangalore	Project Engineer	Apr 2008 – July 2008
7	Dept. of Information Science & Engg. JSS Polytechnic, Nanjanagud	Lecturer	Jan 2008 – March 2008

Publications

Journal Publications

1. **A Lime Light on the Emerging Trends of Web Mining”** in **NCRTCST** (National Conference on Research Trends in Computer Science & Technology) – 2012 Special Issue of International Journal of Computer Science & Informatics (IJCSI), ISSN (PRINT): 2231–5292, Volume 2, Issue 4, Article 1, DOI: 10.47893/IJCSI.2013.1096
2. **“Recommendation for Web Service Composition by Mining Usage Logs”**, Vivek R, Prasad Mirje, Sushmitha N International Journal of Data Mining & Knowledge Management Process (IJD KP) Vol.6, No.2, March 2016, ISSN: 2230-9608 [Online]; 2231-007X[Print], DOI :10.5121/IJD KP.2016.6207, URL: <http://www.airconline.com/ijdkp/V6N2/6216ijdkp07.pdf>

3. **“Analysis of Machine Learning Algorithms in Prediction of Cardiovascular Diseases”**, Ashwini Biradar, N. Sushmitha and B M Sagar, National Conference on Security, Privacy and Analytics (SPA -18) on 4th & 5th May 2018, ISBN 978-1-941505-87-8 published in CiiT International Journal of Automation and Autonomous System, Vol 10, No 5, May 2018
4. **“A Review on K-means++ Clustering Algorithm and Cloud Computing with Map Reduce”**, Sweekruth S Badiger, Sushmitha N, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.211, Volume: 06 Issue: 05, May 2019.
5. **“ Cloud Computing and Fog Computing: A Survey”**, Vishal T, Yashwanth R, Sushmitha N, Chandan S, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 07 Issue: 05 | May 2020
6. **“ Digital Lending: Collection Management System on Lend. In Platform”**, Rishabh Pratap Singh, Sushmitha N, Somansh Kumar, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429, Volume 8 Issue VI | June 2020.
7. **“ Peer to Peer Ridesharing using Blockchain”**, Vivek Kekuda T U, Likitha P, Rekha B S, Sushmitha N, International Journal of Engineering and Techniques - Volume 7 Issue 3, ISSN: 2395-1303, Page No. 160-164, DOI : 10.29126/23951303/IJET-V7I3P26, June 2021.
8. **“A Complete Review of Brain Computer Interface”**, Sushmitha N, Dr Sudarshan. B. G, Dr Ramakanth Kumar P, Advancement in Image Processing and Pattern Recognition, Volume 5 Issue 1, DOI: <https://doi.org/10.5281/zenodo.6457523> , April 2022.
9. **“Epilepsy Prediction using Machine Learning”**, S Dharshika, Sahreen Sajad, Sushmitha N, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 09 Issue: 06 | Jun 2022
10. **“ Planner Application Based on Customer Relationship Management”**, Parakh Shah, Sushmitha N, International Research Journal of Engineering and Technology, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 09 Issue: 07 | July 2022
11. **“Survey on Multicast Routing Protocols”**, O S Sumukh, Sri Vishnu D, Sushmitha N, Kavitha S N, International Journal of Research Publication and Reviews, ISSN 2582-7421, Vol 4, no 5, pp 5767-5771 May 2023
12. **“Challenges in Quick Commerce: High Costs and Quality Disparities in Fresh Produce”**, Dhisha S Babu, Singareddy Yaswanth, Thasmayi C, Sushmitha N, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 11 Issue: 05 | May 2024.

13. **“Review of Cloud Migration Strategies: Exploring Advantages, Challenges and Cost Analysis”**, Yashwanth Kumar C, Sushmitha N, Harini K S, International Journal of Scientific Research in Engineering and Management (IJSREM), ISSN: 2582-3930, DOI: 10.55041/IJSREM35549, Volume: 08 Issue: 06 | June – 2024.

Conference Papers

1. **“Web Mining - A Learner's Manual”** in National Conference on Recent Advances in Technology and Engineering at T.John College of Engineering March 2012, Bangalore

Professional Memberships

- Life time Membership of ISTE

Teaching

Core Courses: [Current semester]

- Computer Networks
- Web Technology

Responsibilities

- **Academic:** Exam Coordinator