

Faculty Profile

Dr. Jasmine K.S is currently working as Associate Professor in the Department of MCA, RV College of Engineering®, Bengaluru, got 28 years of teaching experience. She has authored 100+ research papers in the national and international level conferences and journals. She is also organizing committee /Advisory board member/ Reviewer for various journals and Session chair for conferences. She also was the main coordinator for AICTE sponsored national conference and AICTE-ISTE refresher programs during the year 2021. She has authored 13 book chapters published by international publishers namely, Lap LAMBERT Academic Publishing, Germany, In-Tech publishers, Vienna, Macmillan Publishers and IGI International. She has organized conferences, FDPs, workshops and technical talks. She has done significant contribution to the growth of the Institution as NBA and NAAC coordinator. She was one of the Jury members of Smart India Hackathon 2020(Software/Hardware Edition), Toycathon 2021 and also was a Jury member for 3rd edition of the BCIC Emerging Stars Start-up Summit and Awards 2023.

Faculty Photo

Dr. Jasmine is the member of professional societies such as IEEE(Senior member),IETE(Fellow member), ACM, ISTE, CSI, ISCA, IAENG, IDES &IFERP. She is a certified Entrepreneurship trainer by Wadhvani Foundation. Dr.Jasmine K S has been honored with several awards both national and International level namely, Best Academic Researcher, Excellence in Technology Research Award, Outstanding Faculty Award, Distinguished Woman in Science, Senior Women Educator & Scholar Award, Most Innovative Professor etc. She also has been honored by Rashtreeya Sikshana Samithi Trust, Bangalore for ‘Excellence in Education’ on many occasions.

Personal Information

- **Name:** Dr.Jasmine K S
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Google Scholar / ResearchGate / LinkedIn:

<https://www.linkedin.com/in/jasmine-k-s-433916123/>

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[Scopus – Reference no: 180216-004357](#)

Domain of Expertise

- **Computer Science/Applications**

Research Focus

- **Primary Area:** Software Engineering, Software Testing, Object Oriented Software Development, AI in product management, Prompt Engineering

Academic Qualifications

- **Ph.D.:** Computer Science, Mother Teresa Women's University, 2011
- **M.Phil:** Computer Science, Bharathidasan University, 2005
- **M.Sc./M.Tech:** Computer science, Kerala University, 1994
- **B.E./B.Tech/BSc:** B.Sc , Mahatma Gandhi University, 1991

Professional Experience

Experience				
SL.No	Institute/College/Industry	Job Title	Duration (From- To)	
1.	RV College of Engineering, Bangalore	Assoc.Prof & Director	15/1/2025	Till date
2.	RV College of Engineering, Bangalore	Lecturer/Senior or lecturer/Asst. Professor/Associate Professor	27/9/2001	14/1/2025
3	Bangalore Institute of Technology, Bangalore	Lecturer	3/12/97	22/9/2001
4	Visveswarapura College of Science, Bangalore	Guest Lecturer	1/7/98	31/3/99
5	Rajajinagar Parents Association First Grade College, Bangalore	Lecturer	25/6/97	29/11/97
6	Acharya Polytechnic, Bangalore	Lecturer	26/8/96	17/1/97
7	M.N. Technical Institute, Bangalore	Lab Instructor	2/11/94	7/4/95

Publications & Patents

Journal Publications

1. Jasmine K.S, Dr.R.Vasantha, Proactive Model for Software reuse Failure Parameters, National journal of Computing Technology, Vol.1, No.1, pp.1-12, January 2008.
2. Jasmine K.S, Dr.R.Vasantha, An automated Environment for Design Based Performance Prediction of Component Based Software Products, International Journal of Computer Science and Network

- Security (IJCSNS), Seoul, Korea, Vol.8, No.8, pp.116-120, August 2008.
http://paper.ijcsns.org/07_book/200808/20080817.pdf
3. Jasmine K.S, Dr.R.Vasantha, Estimation Model For Defect Density In A Reuse –Oriented Software Development Scenario, International Journal of Computational Intelligence Research & Applications, pp.141-145, December 2008.
 4. Jasmine K.S, Dr.R.Vasantha, Derivation of UML Based Performance Models for Design Assessment in A Reuse Based Software Development Approach, Annals. Computer Science Series., Vol.7, no.1, pp.163-180, June 2009.
 5. Jasmine K.S, Dr.R.Vasantha, A Reuse Based Test Scaffold For Performance Improvements In Component-based Software Products, International Journal of Advance Research in Computer Engineering, Vol.3,no.1,pp.121-128, June 2009.
 6. Jasmine K.S, Dr. R.Vasantha, A New Approach for Requirements Management and Component Retrieval in A CBD Based Software Development Using 2-Tuple Fuzzy Linguistic Approach, CiiT International Journal of Fuzzy Systems Print: ISSN 0974 – 9721 & Online: ISSN 0974 – 9608, June 2009.
 7. Jasmine K.S, Dr. R.Vasantha, Reengineering Test Management for Increasing Testing Effectiveness in Component Based Enterprise Applications, International Journal of Computer Theory and Engineering (IJCTE), Vol.1, no.4, pp.467-472, October 2009.
<http://www.ijcte.org/abstract/072.htm>
 8. Jasmine K.S, A New Capability Maturity model For Reuse Based Software Development process, IACSIT International, Journal of Engineering and Technology (IJET), ISSN: 1793-8236, Vol.2, No. 1, pp.112-116, February 2010.
<http://www.ijetch.org/abstract/108-T237.htm>
 9. Jasmine K.S, Dr.R.Vasantha, A knowledge -based information retrieval approach for efficient component repository reuse, International journal of computing(IJC), Vol.1, No.1, pp.38-42,e-ISSN 2230-9039,January 2011.(Impact Factor:1.0)
<http://www.ifrsa.org/images/pdf/five.pdf>
 10. Jasmine K.S, Dr.R.Vasantha, A Mixed Method Approach for Efficient Component Retrieval from a Component Repository, International Journal of Software Engineering and Applications, Journal of Scientific Research, ISSN:1945-3116,Vol.4,No.7, pp.442-445, July 2011.
<http://www.highbeam.com/doc/1G1-269921419.html>
 11. Basudeo Singh, Dr.Jasmine K.S, Mobile Payment System- A Secure Approach, IFRSA's International Journal of Computing, Vol.2,issue 1,pp.16-23, January 2012.
<http://www.ifrsa.org/images/ijcvol2issue1/3%20three.pdf>
 12. Dr.Jasmine K.S, Dr.Sumithradevi K.A, Beamforming in Wireless Sensor Networks, International Journal of Scientific & Engineering Research ,ISSN 2229-5518,Vol.3, Issue 4, April 2012.(Impact Factor 0.4510)
 13. <http://www.ijser.org/onlineResearchPaperViewer.aspx?Beamforming-in-Wireless-Sensor-Networks.pdf>
 14. Basudeo Singh, Dr.Jasmine K.S, Enabling P2P Mobile Payment through P2P Network, IRACST- International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250- 3501, Vol.2, No.3, pp.382-385, June 2012. (Impact factor: 0.274)
 15. Basudeo Singh, Dr.Jasmine K.S, A Comparative Study of Mobile Wireless Communication Networks and Technologies, IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC),ISSN: 2250-3501, Vol.2, No.5, pp.634-637, October 2012.
<http://www.ijcnwc.org/papers/vol2no52012/15vol2no5.pdf>
 (Impact factor: 0.274)
 16. Dr. Jasmine K.S, Babitha Naidu, A New Sensor Network Protocol Stack Architecture for Congestion Control, Annals. Computer Science Series Tome 10, Fasc. 1, ISSN: 2065-7471 (online), Vol.10, no.1 pp.94-98, November 2012.
www.anale-informatica.tibiscus.ro/?page=11_numarcurent&lang=en

17. Liju Varghese, Dr. Jasmine K.S, A Comparative study on DNA Based Cryptographic Algorithms, International Journal of Computational Intelligence and Bioinformatics, ISSN 2229:5909, Vol.3, No.2, pp. 121-130.
18. Research Strategies In Empirical Research, Dr. Jasmine K.S, International Journal of Computer Applications, Vol.7, No.1, 2012, pp.109-117.
19. Arun.G, Dr. Jasmine K.S, Dr. Sumithradevi K.A, Simulation Of Virtual Synchrony In A Distributed Environment, International Journal of Emerging Technology & Advanced Engineering (ISSN 2250-2459, ISO 9001:2008 Certified Journal), Volume 3, Special Issue 1, January 2013, pp.421-426.
20. Dr.Jasmine K.S , P Ijantakar, PrathviRaj S. Gavani, , Dr. Sumithra Devi.K.A, Inference in Belief Network using Logic Sampling and Likelihood Weighing algorithms, The Advances in Distributed Computing and Artificial Intelligence Journal (ADCAIJ), ISSN 2255-2863) Vol.1, No.6, December 2013, pp.1-7.
21. Abhishek Venkataram, Naveen A, Vidya G, Dr.Jasmine K.S , Comparative study on Software testing tools used for GUI testing, International Journal of Engineering Research and Technology(IJERT)- special issue, ISSN: 2278-0181, ISO 3297:2007, April 2014, pp.70-73, (Impact factor: 1.76)
22. Sachin Sharma, Dr. Jasmine K.S, A Novel Approach for Online Personal Finance Management Service, M.S Ramaiah Management Review- A Research & Academic journal of Business Management, ISSN-0975-7988, pp.20-23, 18th September 2014
23. Basudeo Singh, Dr. Jasmine K.S, A New Architecture of Mobile payment system through Social Media Network, International Journal of Electronic Commerce in Organizations:, IGI Global, 12(3), ISSN:1539-2937, pp.60-74, Vol.12, Issue3, Article 4, October 2014, DOI: 10.4018/jeco.2014070104, \$30, <http://www.igi-global.com/article/a-new-architecture-of-mobile-payment-system-through-social-media-network/118113> SJR-0.160 SNIP-0.195, SCOPUS Indexed
24. Basudeo Singh, Dr. Jasmine K.S, Secure End-To-End Authentication for Mobile Banking International Journal of Advances in Intelligent Systems and Computing, Volume 349, 2015, ISSN 2194-5357, pp. 223-232, DOI:10.1007/978-3-319-18473-9_22, Springer International Publishing Switzerland, \$29.95/€24.95/£19.95, http://link.springer.com/chapter/10.1007/978-3-319-18473-9_22 SJR- 0.139, SNIP- 0.160
25. Shanthi P, Yashaswini P, K Sreelakshmi, Usha J, Jasmine K.S, 'Design and Analysis of RF power amplifier using thin film passive components at 3.5GHZ' , International Journal of Advanced research, Elsevier, Vol.4. Issue 3, pp.29-35, ISSN 2320-5407, March 2016, www.journalijar.com/uploads/780_IJAR-8668.pdf SNIP: 1.353, SJR: 0.350
26. Dr.Jasmine K.S, Risk Based Thinking And Contingency Modeling In Leadership And Administration For Quality Management In Higher Education, International Journal of Risk and Contingency Management (IJRCM), pp.68-89, ISSN: 2160-9624, DOI: 10.4018/IJRCM.2018100104, Vol. 7, Issue 4, October-December 2018. Available in ACM digital library. <https://dl.acm.org/doi/10.4018/IJRCM.2018100104>
27. Dr. Jasmine K S, Mr. Thejas T S, IoT- A Technology Transfer in Manufacturing Future Products, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-5, January 2020, pp.1415-1419, DOI:10.35940/ijrte.E6383.018520
28. Komal Sinha, Dr. K S Jasmine, An Overview of Event-Driven Architecture of SpiNNaker System, International Journal of Innovative Research in Computer and Communication Engineering, An ISO 9001:2008 Certified Journal, e-ISSN: 2320-9801, p-ISSN: 2320-9798| www.ijrcce.com | Impact Factor: 7.194 , Volume 8, Issue 4, April 2020, pp.1203-1206
29. Lakshmi Biradar, Dr. K S Jasmine, Implementation of Digital Holograms to Diagnose Cancer Cells, International Journal of Innovative Research in Computer and Communication Engineering, An ISO 9001:2008 Certified Journal ,e-ISSN: 2320-9801, p-ISSN: 2320-9798| www.ijrcce.com | Impact Factor: 7.488 , Volume 8, Issue 5, May 2020, pp.1535-1539

30. Sweta Dey, Dr. K. S. Jasmine, Mind Reading Technology in Cab Booking App, International Journal of Scientific Research in Engineering and Management (IJSREM), UGC Approved Journal, e-ISSN: 2582-3930, p-ISSN: 2590-1892, Impact Factor: 4.106, Volume: 04 Issue: 05 | May -2020
31. Sanjay N, Dr. K S Jasmine, SNORT Based Lightweight Intrusion Detection System for SDN, International Journal of Innovative Research in Computer and Communication Engineering, An ISO 9001:2008 Certified Journal, e-ISSN: 2320-9801, p-ISSN: 2320-9798| www.ijircce.com | Impact Factor: 7.194 , Volume 8, Issue 4, April 2020, pp.1111-1116
32. Madhushree M, Dr. K S Jasmine, Overview of Differential Privacy in Machine Learning Algorithms, International Journal of Innovative Research in Computer and Communication Engineering, An ISO 9001:2008 Certified Journal, e-ISSN: 2320-9801, p-ISSN: 2320-9798| www.ijircce.com | Impact Factor: 7.194 , Volume 8, Issue 4, April 2020, pp.1198-1202.
33. Aatish Brain D Silva, Dr. K S Jasmine, Secure and Efficient Model For data collection and storage in Industrial IoT, International Journal of Creative Research Thoughts(IJCRT), UGC Approved Journal , Volume 8, Issue 6 June 2020 , ISSN: 2320-2882, pp.2602-2605.
34. Jasmine K S, A Sustainability Model for Product Design, Journal of Seybold Report, ISSN: 1533-9211, Vol15, Issue 7, July 2020, pp.1105-1119(Scopus indexed)
35. Aditya raj, Dr.Jasmine K S, Building Microservices with Docker Compose, The International journal of analytical and experimental modal analysis, A UGC-Care approved Group- II Journal, ISSN NO:0886-9367, Volume XIII, Issue V, May/2021, pp.1215-1219, DOI:18.0002.IJAEMA.2021.V13I5.200001.015685902496
36. Ajay D K, Dr.Jasmine K S, Operational Analysis and Comparison of Software Automation Testing Tools, The International journal of analytical and experimental modal analysis, A UGC-Care approved Group- II Journal, ISSN NO:0886-9367, Volume XIII, Issue V, May/2021, pp.2204-2212, DOI:18.0002.IJAEMA.2021.V13I5.200001.015685902610
37. Bavyasri, Dr.Jasmine K S, Robotics Process Automation in Software Testing, The International journal of analytical and experimental modal analysis, A UGC-Care approved Group- II Journal, ISSN NO:0886-9367, Volume XIII, Issue V, May/2021, pp.2220-2224, DOI:18.0002.IJAEMA.2021.V13I5.200001.015685902612
26. Mohammad Muzeeb Nadaf, Dr. Jasmine K S, Security Issues in VANET, International Journal of Creative Research thoughts, A UGC approved journal, Vol.9, Issue 5, May 2021, ISSN:2320:2882, IJCRT2105900, pp.1418-1420
27. Nishchita Ramadas Nayak, Dr. Jasmine K S, Design Pattern of Micro services used in Applications, Journal of Science, Technology and development, ISSN:0950-0707, Vol. X, Issue VI, June 2021, pp.1-5
28. Reetesh Kumar, Dr.Jasmine K S, Database Migration: Relational to Non-Relational, The International journal of analytical and experimental modal analysis, A UGC-Care approved Group- II Journal, ISSN NO:0886-9367, Volume XIII, Issue V, May/2021, pp.2220-2224, DOI:18.0002.IJAEMA.2021.V13I5.200001.015685902606
29. KAVYA N , Dr. Jasmine K S, A Review Paper on Automated Real Time Face Recognition System Using Python and Open CV, ISSN:0950-0707, Vol. X, Issue VII, July 2021, pp.221-225
30. Jasmine K.S, Non-functional Testing-Based Framework for Developing Reliable IoT Products, Proc. Next Generation of Internet of Things Proceedings of ICNGIoT 2021 pp.81-90, Lecture Notes in Networks and System, Volume 201, Springer, ISSN 2367-3370, ISSN 2367-3389 (electronic), ISBN 978-981-16-0665-6, ISBN 978-981-16-0666-3 (eBook) https://doi.org/10.1007/978-981-16-0666-3_9 (Scopus Indexed)
31. Dr.Jasmine K. S, Rishav Raj and Mahalakshmi Mabla Naik, A New Content-Based Search Mechanism for Image Retrieval Search Engine, International Journal of Information Retrieval Research (IJIRR) Volume: 12 |Issue: 1 |Article: 11 |Pages: 16, ISSN: 2155-6377|EISSN: 2155-6385|EISBN13: 9781683182085|DOI: 10.4018/IJIRR.289611, <https://www.igi-global.com/gateway/article/289611>, October 2021, Copyright: © 2022, Appeared in **ACM Digital Library, Web of Science indexed.**

32. Shilpashree N, Dr. Jasmine K.S, Smart Healthcare Traveller, International Research Journal of Innovations in Engineering and Technology (IRJIET),ISSN (online): 2581-3048,Volume 6, Issue 2, pp 1-4, February-2022, <https://doi.org/10.47001/IRJIET/2022.602001>
33. Mohammed Saqib, Yashas P, A paper on IOT based smart parking system, STD Journal Volume XI, Issue I, January 2022
34. Thejashree R, Dr. Jasmine K.S, Development of Chatbots using AIML Concepts, International Research Journal of Innovations in Engineering and Technology (IRJIET),ISSN (online): 2581-3048,Volume 6, Issue 2, pp 35-38, February-2022, <https://doi.org/10.47001/IRJIET/2022.602007>.
35. Ritisha D, Pooja R, Dr.Jasmine K S, Crime Data Analysis and Prediction, published by the Grenze Scientific Society available in Grenze Digital Library, June 2022(Scopus indexed), Volume 8, Issue 2,pp.224-228, 01.GIJET.8.2.510_1
36. Ishita Sarkar, Sridevi Vattikuti, Dr. Jasmine K.S, Covid Vaccines Analysis to Predict its impact Across the World, Springer journal. Part of Communications in Computer and Information Science book series (CCIS,volume 1738)https://link.springer.com/chapter/10.1007/978-3-031-23724-9_14 as book chapter, Jan 2023 pp.145-155January 2023.
37. Dr.Jasmine K S, submitted paper titled Software Design Quality Enhancements using Dependency Injection through Customized Configurations, International journal of Computers and Applications, Taylor & Francis, Q2 journal (submission ID: 234543607)
38. Dr.Jasmine K S, Senior Member, IEEE, Aiswarya C S, and Anjali Singh submitted paper titled 'Empowering Generation Z: A Design-Driven Approach to Enhance Mental Health Support and Well-being' to International Journal of Mental Health Systems(Springer Nature), October 2024. Submission id: 59c548c5-6668-4899-a8be-0d5bccd068c8.
39. Yashaswini S, Dr Jasmine K S, Social and Ethical Implications of Steganography: A case study Approach, IARJSET International Advanced Research Journal in Science, Engineering and Technology Impact Factor 8.06,Peer-reviewed & Refereed journal,Vol. 11, Issue 7, July 2024 DOI: 10.17148/IARJSET.2024.11795 © IARJSET. ISSN (O) 2393-8021, ISSN (P) 2394-1588.
40. Poornima R, Dr Jasmine K S, Biometrics in Society: Privacy, Security, and Equality, IARJSET International Advanced Research Journal in Science, Engineering and Technology Impact Factor 8.06,Peer-reviewed & Refereed journal,Vol. 11, Issue 7, July 2024, DOI: 10.17148/IARJSET.2024.117106, © IARJSET. ISSN (O) 2393-8021, ISSN (P) 2394-1588.
41. Aakash Mayya, Dr Jasmine K S, A comparative Analysis of HL7 and other Healthcare Data Interchange Protocols, JOT-5546, Journal of Technology, A UGC-CARE Approved Group II journal,Vol 12, Issue 8, August 2024, Page No:-960-965, DOI:18.15001/JOT.2024/V12I8.24.658, (Scopus Indexed).
42. Yashas, CI/CD Workflow automation and analysis, JOT-5552, Journal of Technology, A UGC-CARE Approved Group II journal,Vol 12, Issue 8, August 2024, Page No:-1058-1061, DOI:18.15001/JOT.2024/V12I8.24.668, (Scopus Indexed)- Mentor and Internal guide for the project work.
43. Sudarshan K O, Dr Jasmine K S,AI Powered Hand-Writing and Image Powered Model, JOT-5653, Journal of Technology, A UGC-CARE Approved Group II journal,Vol 12, Issue 9, September 2024, ISSN-10123407, Page No:561-568, DOI:18.15001/JOT.2024/V12I9.24.718 Scopus Indexed).
44. Raksha D, Dr Jasmine K S, Comprehensive Pet Health Management System, JOT-5662, Journal of Technology, A UGC-CARE Approved Group II journal,Vol 12, Issue 9, September 2024, ISSN-10123407, Page No:714-722, DOI:18.15001/JOT.2024/V12I9.24.730 Scopus Indexed).
45. Dr.Jasmine K S, R.Savita, Prajna Bhat, Integrating Cypress Testing with Web Interfaces in Cyber-Physical Systems 'CITSS-2024,7-9 November 2024 organized by RV College of Engineering in association with Florida International University, Fachhochschule Dortmund, Germany. Technically Co-Sponsored by IEEE Bangalore Section, India.

Conference Papers

1. Ms. Lokeshwari R, Mr. Naveen Kumar M, Dr.Jasmine K S, *Secure File Transfer Management: Leveraging Special Group ID for User-to-User Communication in Linux*, Proceedings of International Conference on “Emerging Research in Computing, Information, Communication and Applications, ERCICA”- 2024, 15-17 July, 2024, BGS College of Engineering and Technology, Bangalore, India.
2. Mr. Gautam Vaghasiya, Mr. Prajwal R, Dr.Jasmine K S, *An Application for Translating Media- Bridging the Gap with Sign Language*, Proceedings of ERCICA-2024, 15-17 July, 2024, BGS College of Engineering and Technology, Bangalore, India.
3. Dr.Jasmine K S, Mr Sohan Gowda C, *Quantum Network for Quantum Communication*, IEEE Co-sponsored 7th International Conference on Computational Systems and Information Technology for Sustainable Solutions (CSITSS-2023), 2-4 November 2023, RVCE, Bangalore.
4. Harsha A, Dr. Jasmine K S, *Exploring the Potential of Blockchain Technology for IoT Networks*, Second International Conference on Networking, Communication and Computing Technology (NCCT), 26th August 2023.
5. Divya M, Dr. Jasmine K S, *Comparative Study of Federated Learning Vs Centralized Learning*, NCCT-2023, 26th August 2023.
6. Sagar M, Dr.Jasmine K S, *Dialogue Management System based on User Persona*, International Conference on Intelligent Engineering Approach (ICIEA2022), 12th February 2022.
7. Ritisha D, Pooja R, Dr.Jasmine K S, *Crime Data Analysis and Prediction*, Eleventh International Conference on Advances in Computer Science and Application – CSA 2022, March 30-31, 2022, Bengaluru, India.
8. Ishita Sarkar, Sridevi Vattikuti, Dr. Jasmine K S, *Covid Vaccines Analysis to Predict Its Impact Across the World*, International Conference on Advancements in Interdisciplinary Research (AIR - 2022), 6-7 May 2022. Published as Springer CCIS Book Chapter, Vol. 1738, pp.145-155.
9. Jasmine K S, *Non-functional Testing Based Framework for Developing Reliable IoT Products*, International Conference on Next Generation of Internet of Things (ICNGIoT-2021), 5-6 February 2021. Springer LNNS, Vol.201, pp.81-90.
10. Sahana M, Dr. Jasmine K S, *Role of Social Media in Digital Marketing*, International Conference on Research in Business Management and Information Technology (ICRBIT-2019), 25-26 April 2019, RNSIT, Bangalore, pp.100-104.
11. Shamanthaka N, Dr. Jasmine K S, *A Study on Impact of Sound in Quality of Life of Humans and Animals*, ICRBIT-2019, 25-26 April 2019, RNSIT, Bangalore, pp.111-117.
12. Basudeo Singh, Dr. Jasmine K S, *Secure End-To-End Authentication for Mobile Banking*, Springer 4th Computer Science Online Conference (CSOC15), 27 April 2015, pp.223-232.
13. Arun G, Dr. Jasmine K S, Dr. Sumithradevi K A, *Simulation of Virtual Synchrony in a Distributed Environment*, International Conference on Information Systems and Computing (ICISC 2013), 4-5 January 2013, pp.6-9.
14. Meera Laxman Ghorpade, Kavyashree B N, Dr. Jasmine K S, *Green Software Engineering and Sustainable Approaches*, International Conference on Leveraging Operations & IT for Sustainable Development (ICOIT-2013), 24-25 April 2013, pp.246-249.
15. Aradhana Upadhaya, Debolina Ghosh, Dr. Jasmine K S, *Role of Data Mining in Requirements Engineering*, ICOIT-2013, 24-25 April 2013, pp.250-253.
16. Basudeo Singh, Dr. Jasmine K S, *Comparative Study on Various Methods and Types of Mobile Payment System*, International Conference on Advances in Mobile Network, Communication and its Applications – MNCApps 2012, 1-2 August 2012, pp.143-148.
17. Basudeo Singh, Dr. Jasmine K S, *Mobile Cloud Computing Architecture, Applications, and m-Commerce Approaches*, International Conference on Future Computing (ICFC 2012), 20-22 December 2012, pp.25-34.
18. Dr. Sumithradevi K A, Jasmine K S, Sudha M, *The Importance of Women Education in Present Social Scenario*, IEEE-GCC Conference, 19-22 February 2011, Dubai.
19. Dr. Jasmine K S, Swetha R, *Cloud Computing: An Emerging Computing Paradigm for IT Needs*, International Conference on Frontiers of Computer Science (ICFoCS-2011), 7-9 August 2011, IISc

Bangalore.

20. Jasmine K S, Dr. Sumithradevi K A, et al., *A New Approach for Efficient Component Retrieval*, International Conference on Convergence of Science and Engineering, April 2010, Dayananda Sagar College, Bangalore.
21. Jasmine K S, Dr. R. Vasantha, Derick J. Mathew, *Identifying Shortest Communication Paths in CBD Based Software*, International Conference on Computer Applications, Pondicherry, 24-27 December 2010, pp.13-17.
22. Jasmine K S, Dr. R. Vasantha, *Cost Estimation Model for Reuse-Based Software Products*, IAENG IMECS 2008, March 2008, Hong Kong, pp.951-954.
23. Jasmine K S, Dr. R. Vasantha, *A New Process Model for Reuse-Based Software Development*, World Congress on Engineering (WCE 2008), July 2008, London, UK, pp.251-254.
24. Jasmine K S, K. A. Sumithradevi, *Identification of Important Software Performance Failure Parameters*, Softech '07, January 2007, Tamilnadu, pp.544-548.
25. Jasmine K S, Dr. R. Vasantha, *Identification of Software Performance Bottlenecks in Reuse-based Products*, ICSEA 2007, August 2007, France.
26. Jasmine K S, Dr. R. Vasantha, *DRE - A Quality Metric for Component-Based Products*, CSE2007, August 2007, Berlin, pp.380-383.
27. Jasmine K S, Dr. R. Vasantha, *Design Based Performance Prediction of Component-Based Software*, CSE2007, October 2007, Nice, France, pp.266-269.
28. Jasmine K S, K. A. Sumithradevi, Dr. R. Vasantha, *Component Communication in Reuse-Based Development*, 3CI-2007, November 2007, RVCE, Bangalore, pp.103-107.
29. Jasmine K S, Vijayalakshmi M N, Banashree N P, *Predictive Model for Software Failure Parameters*, IRIS 2006, January 2006, Tamilnadu, pp.605-612.
30. Jasmine K S, *Identification of Suitable Metrics for Reuse-Oriented Products Using Attribute Relevance Analysis*, SEDE-2006, July 2006, Los Angeles, pp.189-192.
31. Jasmine K S, *Predicting Confidence Interval for Percentage of Reuse in SDLC using T-Test*, obCom-2006, December 2006, VIT, Vellore, pp.201-204.

Books/Book Chapters

1. Jasmine K.S, book chapter titled "Transition Parameters for Successful Reuse Business" for the book "Engineering the Computer Science and IT", ISBN 978-953-7619-32-9, by In-Tech, worlds first advanced technologies open access platform, Vienna, Austria, November 2009, pp.391-426. <http://cdn.intechweb.org/pdfs/8950.pdf>
2. Jasmine K.S, book titled 'Implementation Parameters For Software Reuse', ISBN 978-3-659-26691-1, by LAP Lambert Academic Publishing, imprint of AV Akademikerverlag GmbH & Co. KG Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, Germany, www.lap-publishing.com, November 2012.
3. Jasmine K.S, book Chapter titled 'SOA, Agile and Lean based Component Based Software Engineering - Future Solution For cloud computing' for the book 'Cloud Systems in Supply Chains' published by Macmillan Publishers Limited, a global trade book publishing company <http://us.macmillan.com/>. Hardcover ISBN 978-1-137-32423-8 , 2015, eBook :ISBN 978-1-137-32424-5, pp.66-83, DOI: 10.1057/9781137324245
4. Basudeo Singh, Jasmine K.S, book Chapter titled 'Secure End-To-End Authentication for Mobile Banking' for the book 'Software Engineering in Intelligent Systems', Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 349), published by Springer, Cham, January 2015, DOI: 10.1007/978-3-319-18473-9_22, Online ISBN 978-3-319-18473-9. pp.223-232, https://link.springer.com/chapter/10.1007/978-3-319-18473-9_22
5. Jasmine K.S, Sudha M, book Chapter titled 'Business transformation through cloud computing in sustainable business' for the book 'Business Transformation and Sustainability through Cloud System Implementation' published by IGI International, www.igi-global.com. ISBN13: 9781466664456|ISBN10: 1466664452|EISBN13: 9781466664463|DOI: 10.4018/978-1-4666-6445-6,

September, 2014. Copyright © 2015, pp.44-57. <http://www.igi-global.com/book/business-transformation-sustainability-through-cloud/108288>, May 2016, SCOPUS Indexed https://www.elsevier.com/data/assets/excel_doc/0016/91123/Scopus_books_01_03_16.xlsx.

6. Basudeo Singh, Jasmine K.S, book Chapter titled 'Security and privacy issues in Mobile Cloud Computing And Solution' for the book 'Security Management in Mobile Cloud Computing' published by IGI International, www.igi-global.com. ISBN13: 9781522506027|ISBN10: 1522506020|EISBN13: 9781522506034|DOI: 10.4018/978-1-5225-0602-7, August 2016, pp.148-168, <http://www.igi-global.com/book/security-management-mobile-cloud-computing/147337>
7. Basudeo Singh, Jasmine K.S, book Chapter titled 'Security and privacy issues in Mobile Cloud Computing And Solution' for the book "Cyber Security and Threats: Concepts, Methodologies, Tools, and Applications", by IGI International, www.igi-global.com, May 2018, ISBN13: 9781522556343|ISBN10: 1522556346|EISBN13: 9781522556350, pp. 1027-1043, DOI: 10.4018/978-1-5225-5634-3.ch050, <https://www.igi-global.com/book/cyber-security-threats/190539> SCOPUS Indexed
8. Dr. Jasmine K.S, Book chapter titled "A New Process Model for IoT Based Software Engineering," for the book "Integrating the internet of things in Software Engineering Practices" by IGI International, www.igi-global.com, January 2019, ISBN13: 9781522577904|ISBN10: 1522577904|EISBN13: 9781522577911|DOI: 10.4018/978-1-5225-7790-4, pp.1-13, <https://www.igi-global.com/book/integrating-internet-things-into-software/210211>
9. Dr. Jasmine K.S, Ajay D K, Aditya Raj Book Chapter titled 'Quality Assurance in Data science- Need, Challenges and Focus', for the book 'Data Engineering and data science: Concepts and Applications', Wiley-SP, Scrivener Publishing LLC Beverly, MA 01915-6106, USA, 05 September 2023, Print ISBN:9781119841876 |Online ISBN:9781119841999 |DOI:10.1002/9781119841999, pp1-22, <https://onlinelibrary.wiley.com/doi/epdf/10.1002/9781119841999.ch1> SCOPUS Indexed
10. Dr. Jasmine K S, Book chapter titled 'Thriving in Leadership- Essential Skills for the Millennial Generation' (090823-025806) for the book 'Considerations and Characteristics of the Millennial Leader in Today's Global Society', Copyright: © 2023, ISBN13: 9781668447116 | ISBN10: 1668447118 | EISBN13: 9781668447130, IGI Global publishers, DOI:10.4018/978-1-6684-4711-6.ch002, pp 22-34. <https://www.igi-global.com/chapter/thriving-in-leadership/331817>
11. Dr. Jasmine K S, Book chapter titled Unlocking the Power of Prompt Engineering: Diverse Applications and Case Studies for the book "Transforming Education With Generative AI: Prompt Engineering and Synthetic Content Creation", Release Date: March, 2024 | Copyright: © 2024 | Pages: 350, ISBN13: 9798369313510 | ISBN10: N/A | EISBN13: 9798369313527. DOI: 10.4018/979-8-3693-1351-0.ch020. <https://www.igi-global.com/chapter/unlocking-the-power-of-prompt-engineering/338548>.

Ongoing & Completed Research Projects

1. PI for National conference titled 'Critical Thinking For Gen Z – Multidisciplinary Approach' from AICTE under Grant For organizing Conference Scheme, November 2020 PI: Dr. Jasmine K S, CO-PI: Dr. Preethi N Patil. **Grant sanctioned: 2.3 Lakhs**. Completed 28th-29th October 2021.
2. PI for AICTE-ISTE sponsored one week refresher programme on 'Design thinking to augment 21st Century Skills' 7th-12th December 2021. **Grant Sanctioned: 93K for Phase I**.

Ongoing & Completed Consultancy Projects/ Training

1. A one month Project based internship workshop on Full stack development using 'Java/JavaScript' jointly organized by departments of Master of Computer Applications & Information Science and Engineering, RV College of Engineering from 28th October to 28th November 2022 in association

with VTU, Belagavi. **Amount gathered Rs.68.220/-**

Professional Memberships

1. Senior Member of The Institute of Electrical and Electronics Engineers (IEEE) -94808653(Year 2021-23)
2. Life member of Indian Society For Technical Education (LM-33408).
3. Life member of Computer Society of India (LM- 00113304).
4. Member of International Society for Computer and Their Applications (No-2006057).
5. Life Member of International association of Engineers (IAENG)(No.64847)
6. Life member of International Association of Computer Science and Information Technology (IACSIT) (No.80332325)
7. Member of The Institute of Doctors Engineers and Scientists (IDES).(No.1976) for the year 2014
8. Life Member of Institute for Engineering Research and Publication (IFERP).(No. 17178576).
9. Member of Association for Computing Machinery (ACM)-7948677(Year 20-21)
10. Life Member of the Institution of Electronics and Telecommunication of Engineers(IETE), New Delhi No.F -503480(Year 2023 onwards)
11. Life Member of AI-ML Innovative Entrepreneurs and Engineering Association(AMIEE), 2024. No.AMI/24/0654.

Awards & Recognitions

1. Received the award titled ‘ Most Innovative Professor’ organized by Golden Aim Awards for excellence and leadership in Education, Mumbai on 19th June 2020
2. Honored by Rashtreeya Sikshana Samithi Trust on 26th January 2020, for receiving the honour titled “100 Most dedicated professors -2019”, organized by World Education Congress, Mumbai on 4th July 2019
3. Received the award titled “100 Most dedicated professors”, organized by World Education Congress at Mumbai on 4th July 2019
4. Honored by Rashtreeya Sikshana Samithi Trust on 26th January 2019, for receiving the honour titled Prof. Indira Parikh 50 Women in Education Leaders-2018”, organized by 7th Edition of World Education Congress, Mumbai
5. Received the honour titled “Prof. Indira Parikh 50 Women in Education Leaders-2018”, organized by 7th Edition of World Education Congress at Mumbai on 5th July 2018
6. Received ‘Distinguished Woman in Science award’ organised by Venus International foundation, Centre For Advanced Research and Design, Chennai on 3rd March 2018 at Chennai.
7. Honored by Rashtreeya Sikshana Samithi Trust on 26th January 2018, for receiving Senior Women Educator & Scholar Award’ organised by National Foundation For Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu
8. Received ‘Senior Women Educator & Scholar Award’ organised by National Foundation For Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu on 8th March 2017.
9. Honored by Rashtreeya Sikshana Samithi Trust on 29th March 2016, for receiving the Outstanding faculty award- 2015' organised by Venus International foundation, Centre For Advanced Research and Design,Chennai
10. Received ‘Outstanding faculty award' organised by Venus International foundation (VIFFA), Centre For Advanced Research and Design,Chennai on 5th July 2015 at Chennai.
11. Honored by Rashtreeya Sikshana Samithi Trust on 26th January 2015, for receiving the “Excellence in Technology research” award organized by EET CRS Research & Branding Company, Noida, under ‘Technology achievement awards 2014’

12. Received the award for “Excellence in Technology research” organized by EET CRS Research & Branding Company, Noida, under ‘Technology achievement awards 2014’ in Delhi on 8th November 2014.
13. Honored by Rashtreeya Sikshana Samithi Trust on 26th January 2014, “Excellence in Education” for receiving the Global award for BEST ACADEMIC RESEARCHER -2012 organized by ASDF, Puducherry.
14. Received the Global award for BEST ACADEMIC RESEARCHER -2012 organized by Association of Scientists, Developers and faculties(ASDF) ,an international professional body at Puducherry, Tamilnadu on December 2012.
15. Received Peer Review Challenge Commenter’s prize conducted by elsevier.com, September 2012.
16. Honored by Rashtreeya Sikshana Samithi Trust on 26th January 2012, “Excellence in Education” for acquiring Ph.D degree.
17. Received certificate of appreciation for the outstanding contribution for SAP TECHED 2011 event during 18th to 21st October 2011 in SAP Labs, Whitefield, Bangalore
18. Award received for maximum number of research publications from Dept.of MCA,RVCE, year 2011
19. Honored by Rashtreeya Sikshana Samithi Trust on 26th January 2010, “Excellence in Education” for presenting publications in International conference
20. Received certificate of appreciation from ISTE, RVCE chapter for presenting papers in National/International Conferences/Journals during the year 2007-2008
21. Received certificate of appreciation from ISTE, RVCE chapter for presenting papers in National conferences during the year 2004-2005.

Student Supervision

- **Ph.D. Candidates: 3**

Professional Roles

- **Editorial Board:**

1. Journal of Computer Science and Applications (JCSA)
<http://www.ripublication.com/irph/jcsa.htm>
2. International Journal of Information and Computation Technology (IJICT)
<http://www.ripublication.com/irph/ijict.htm>
3. International Journal of Information Sciences and Application (IJISA)
<http://www.ripublication.com/irph/ijisa.htm>
4. International Journal of Computer and Information Technology(IJCIT)<http://www.academypublish.org/journal/show/title/journal-of-computer-and-information-technology>
5. Guest editorial board Member for Journals under Scientific Research Publishing, Irvine CA 92619-4821, USA <http://www.scirp.org/>
6. International Journal of Computer Science and Software Engineering (IJCSSE) , India
<http://www.irphouse.com>
7. International Journal of Embedded Systems, Robotics and Computer Engineering (IJESRCE),India <http://www.irphouse.com>
8. International Journal of Business Management and Economics Research (IJBMER),India <http://www.irphouse.com>
9. International Journal of Computer and Internet Security [IJCIS],India
<http://www.irphouse.com>
10. IJAR in Computer Science Engineering and Information, ISR Journals and Publications, www.isrjournals.org

11. IJAR in Computer Networks, Wireless and Mobile Computing, ISR Journals and Publications, www.isrjournals.org
12. International Journal of Machine Learning Technologies (IJMLT-130516-89737), Bioinfo Publications
13. International Journal of Engineering Trends and Technology, Published by Seventh Sense Research Group™. Copyright © 2016 IJETT indexed by Thomson Reuters EndNote, E –ISSN:2231-5381,P-ISSN: 2349-0918
14. International Journal of Computer Trends and Technology (Membership No. SSRG-IJCTT-1350) Published by Seventh Sense Research Group™. Copyright © 2016 IJCTT indexed by Thomson Reuters EndNote, E –ISSN:2231-2803,P-ISSN: 2349-0829,Impact Factor:1.494,December 2016, <http://www.ijcttjournal.org/editorial-board>
15. International Journal of Research in Engineering and Innovation (IJREI), indexed by Thomson Reuters, <http://www.ijrei.com> ISSN (Online): 2456-6934

● **Chair/Committee Member:**

1. International Journal of Computer Science and Information Security (IJCSIS), Pittsburgh, PA 15213, USA
2. 3rd International Conference on Machine Learning and Computing (ICMLC 2011) Singapore, February 26-28, 2011
3. International Symposium on Information System and Software Engineering: ISSE 2011, March 27th – 30th 2011, Orlando, Florida, U.S.A.
4. Reviewer for International journal on Computer Sciences and Technologies and International Transactions on Software Engineering under Association of Scientists, Developers & Faculties(ASDF), Pondicherry, India.
5. 3rd International Conference on Mechanical and Electrical Technology ICMET-2011, Dalian, China, August 26th-27th 2011.
6. Reviewer for International Journal of Emerging Technology & Advanced Engg. An ISO 9001:2008 Certified International Journal ISSN 2250–2459(Online) www.ijetae.com
7. International Association for Information Technology Communication and Development (IAITCD), U. S. A
8. Book Reviewer for Pearson Education, India. Reviewed book titled ‘Object oriented Programming with C++’,April 2013
9. Reviewer for Journal of Taibah University for Science, an international journal for basic sciences, Elsevier, April 2015 (Ref. No.: JTUSCI-D-15-00080) ISSN: 1658-3655. <http://www.elsevier.com>
10. Reviewer for the International Journal of Software Science and Computational Intelligence (IJSSCI),IGI – Global Publishers, 2015- till date
11. Reviewer for Springer Plus Journals (Ref No. SpringerPlus-PLUS-D-16-03137),May 2016
12. Reviewer for IEEE sponsored International Conference on Computational Systems and Information Technology for Sustainable Solutions(CSITSS2016) jointly organized by Departments of CSE,ISE & MCA during 6th to 8th October 2016 at RVCE, Bangalore
13. Reviewer for International Journal of Academic Studies (IJAS)Copyright©2016, IBI Factor 2016: 2.9, December 2016,<http://www.ijacademicstudies.com/p/editorialboard.html>
14. Reviewer for International Journal of Information System Modeling and Design (IJISMD), indexed by Scopus, IGI – Global Publishers, May 2017,

- <http://www.igi-global.com/journal/international-journal-information-system-modeling/1157>
15. Session Chair for 2nd International Conference on Computational Systems and Information Technology for Sustainable Solution [CSITSS] organized by Dept. of CSE, Dept. of ISE, Dept. of MCA, RVCE at R.V.College of Engineering, Bengaluru-560059, 21-23 Dec 2017
 16. Session Chair for 2nd National Conference on “Artificial Intelligence & Society” organized by Department of TC, RVCE at R.V.College of Engineering, Bengaluru-560059, 17-18 May 2018
 17. Finance and Sponsorship Chair for 3rd International Conference on Computational Systems and Information Technology for Sustainable Solutions [CSITSS] technically co-sponsored by IEEE on 20th – 22nd December 2018
 18. Reviewer for International Journal of End-User Computing and Development (IJEUCD), IGI Global publishers, <https://www.igi-global.com/journal/international-journal-end-user-computing/218209>, ISSN: 2640-4109|EISSN: 2640-4125, February 2019
 19. Reviewer & Session Chair for 2nd International Conference on Research in Business Management and Information Technology (ICRBIT-19) at RNS Institute of Technology, Bengaluru-98, 25th -26th , April 2019.
 20. Reviewer for 2nd International Conference on Research in Business Management and Information Technology, RNS Institute of Technology, Bangalore , 25th-26th April 2019
 21. Reviewer for 4th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT-2019) , GSSS Institute of Engineering and Technology for women. 13th -14th December 2019
 22. Session Coordinator for 4th International Conference on Computational Systems and Information Technology for Sustainable Solutions [CSITSS] technically co-sponsored by IEEE on 20th – 21st December 2019
 23. Reviewer for 1st IEEE International Conference entitled “International Conference on Convergence to Digital World - Quo Vadis”, Atharva college of Engineering, Mumbai , 18th– 20th Feb, 2020
 24. Reviewer for International Journal of Systems and Software Security and Protection (IJSSSP), IGI Global , March 2020
 25. Reviewer for ACM Transactions on Software Engineering and Methodology, July 2020
 26. Reviewer for ACM Transactions on Computer-Human Interaction, July 2020
 27. Reviewer for ACM Transactions on Modeling and Computer Simulation, July 2020
 28. Scientific Committee member for the International Conference on Advanced Computing and Communication Technology, ICACCT 2021 (virtual mode) organized by Francis Xavier Engg College, TN & IFERP, 6th-7th May 2021.
 29. Scientific Committee member for the 2nd International conference on futuristic trends in embedded systems and networking, ICFTEN-2021 (virtual conference), organized By Rao Bahadur Y Mahabaleswarappa Engineering College, Ballari & IFERP, 20th -21st May 2021
 30. Scientific Committee member/Review Committee Member of IEEE Mysore Sub Section International Conference (MysuruCon-2021) , 24-25 October 2021 at NAVKIS College of Engineering, Hassan organized by IEEE Mysore Sub Section.
 31. Reviewer for International Conference on Mobile Networks and Wireless Communications (ICMNBC-2021) organized by Department of Electronics and Telecommunication Engineering, Sri Siddhartha Institute Of Technology, Tumkur in

- association with IEEE Bangalore Section and Co-Sponsored by Technical Institute For Engineers (TIE) during 03-04 December, 2021.
32. Technical Chair and Reviewer for 5th International Conference on Computational Systems and Information Technology for Sustainable Solution [CSITSS] organized by Dept. of CSE, Dept. of ISE, Dept. of MCA, Dept. of ECE & Dept. of ETE, RVCE at R.V.College of Engineering, Bengaluru-560059, 16-18 Dec 2021
 33. Reviewer for IEEE Sponsored International Conference Distributed Computing and Electrical Circuits and Electronics ICDCECE-2022 organized by Ballari Institute of Technology and Management, Ballari, Karnataka during 23-24 April 2022 in association IEEE Bangalore Section and IEEE Information Theory Society Bangalore Chapter.
 34. Reviewer for IEEE Sponsored International Conference on Electronics, Computing and Communication Technologies, CONECCT 2022, flagship conference of the Bangalore Section, India. JULY 8-10, 2022.
 35. Reviewer for AICTE Sponsored 2nd International Conference AECE-2022 Advancement in Electronics & Communication Engineering organizing by Department of electronics and communication engineering 14th-15th JULY 2022 Raj kumar Goel Institute of Technology Ghaziabad U.P – 201003, India
 36. Session chair & Reviewer for IEEE Sponsored International Conference on Data Science and Information System (ICDSIS - 2022) during July 29-30, 2022 in association with IEEE Bangalore Section, IEEE Mysore Subsection and IEEE Information Theory Society Bangalore Chapter organizing by Malnad College of Engineering, Hassan
 37. Reviewer for Second International Conference on Computer Science, Engineering and Applications (ICCSEA) which will be held in the Department of Computer Science and Engineering, GIET University, Gunupur-765022, Odisha, India on 8th September 2022.
 38. Reviewer for 2nd Edition of Mysore Subsection flagship International Conference IEEE MYSURUCON 2022 Co-organized and hosted by JSS Science and Technology University (SJCE), Mysuru, 16-17 October, 2022.
 39. Reviewer for Second IEEE International Conference on Mobile Networks and Wireless Communications (ICMNBC-2022) at SSIT, Tumkur, 3-4 December 2022.
 40. Reviewer of International Conference on Knowledge Engineering and Communication Systems (ICKECS-2022) organized by Sri Jagadguru Chandrashekaranaatha Swamiji Institute of Technology (SJCIT), Chickballapur in association IEEE Bangalore Section, December 28th -29th, 2022
 41. Reviewer for International Journal of Cyber Behavior, Psychology and Learning (IJCBL), IGI-Global publishers, paper titled “Does usage of Cell Phone Applications build conflict behavior among students”., September 2022.
 42. Reviewer for Fourth International Conference on “Emerging Research in Electronics, Computer Science and Technology” (ICERECT – 2022), organized by PES College of Engineering, Mandya 26th-27th December 2022.
 43. Reviewer of International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE-2023) organized by BNM Institute of Technology, Bengaluru in association IEEE Bangalore Section, January 27th -28th, 2023
 44. Technical Chair and Reviewer for 6th International Conference on Computational Systems and Information Technology for Sustainable Solution [CSITSS] organized by Dept. of E&TE, E&IE, EEE, CSE, ISE & MCA, RVCE in association with Florida International University and technically co-sponsored by IEEE Bangalore Section at R.V.College of Engineering, Bengaluru-560059, 21-23 Dec 2022.

45. Reviewer of International Conference on “ Artificial Intelligence and Machine Learning in Applied Biotechnology 2022” jointly organized by RV College of Engineering and Bangalore Bio innovation Centre(BBC) 8-10 December 2022.
46. Reviewer of IEEE International Conference on “Intelligent and Innovative Technologies in Computing, Electrical and Electronics”(ICIITCEE-2023) organized by Department of Electronics and Communication Engineering, BNMIT, Bengaluru during 27th & 28th January 2023.
47. Session Chair for the International Conference on Expert Clouds and Applications (ICOECA 2023) organized by Dept.of MCA, RV College of Engineering, Bangalore 9-10 February 2023.
48. Reviewer of IEEE International Conference on Recent Trends in Electronics and Communication (ICRTEC 2023) organized by National Institute of Engineering, Mysuru, India 10th- 11th February 2023.
49. Reviewer of IEEE International Conference on Integrated Circuits and Communication Systems (ICICACS-2023) organized by H.K.E. Society's S.L.N. College of Engineering, Raichur, Karnataka in association with IEEE Bangalore Section and IEEE North Karnataka Subsection during 24th & 25th February 2023.
50. Reviewer for IEEE Sponsored International Conference Distributed Computing and Electrical Circuits and Electronics ICDCECE-2023 organized by Ballari Institute of Technology and Management, Ballari, Karnataka during 29-30 April 2023 in association IEEE Bangalore Section.
51. Reviewer and Session chair for International Conference on Applied Intelligence and Sustainable Computing (ICAISC-2023) organized by Shri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad during 16th-17th June 2023.
52. Session Chair on Hinweis Second International Conference on Advances in Software Engineering and Information Technology(ASIT-2023) on 17th June 2023(online mode).
53. Reviewer and session chair for IEEE International Conference on Data Science and Network Security (ICDSNS) organized by Kalpataru Institute of Technology, Tiptur, Karnataka in association with IEEE Bangalore Section during 28 and 29 July 2023.
54. Reviewer for the IEEE INDISCON-2023 organized by GSSS Institute of Engineering & Technology for Women, during 5th August -7th August 2023 in association with IEEE India Council and IEEE Bangalore Section.
55. Reviewer for 2nd International Conference on Smart Technologies For Smart Nation (SmartTechCon 2023), Amity Global Institute, Singapore from 18 - 19 August 2023.
56. Reviewer for AICTE Sponsored IEEE International Conference on Networks, Multimedia and Information Technology (IEEE NMITCON-2023) organized at Nitte Meenakshi Institute of Technology, Bengaluru, INDIA in association with IEEE Bangalore Section during 1-2 September 2023.
57. Scientific committee member for International Conference on Recent Advances in Engineering and Computer Applications-2023 (ICRAECA-2023) organized by LJ School of Computer Applications LJ University, Ahmedabad in association with IFERP, 14-15, July 2023. <https://www.iferp.in/icraeca/scientific-committee.php>
58. Reviewer for Book titled ‘Considerations and Characteristics of the Millennial Leader in Today’s Global Society’, Tymon M. Graham (TMGraham Consulting, LLC, USA) eds. Release Date: August 2023. Copyright © 2023, IGI-Global publishers.
59. Reviewer for International Conference on Evolutionary Algorithms and Soft Computing Techniques on (EASCT-2023) organized by RV Institute of Technology and Management (RVITM), Bangalore 20-21, October 2023.

60. Reviewer and Session Chair for International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics (AIKIIIE-2023) organized by Rao Bahadur Y. Mahabaleswarappa Engineering College (RYMEC), Ballari, Karnataka on 02 & 03 November 2023.
61. Technical Chair member, Session chair and Reviewer for IEEE Co-sponsored 7th International Conference on Computational Systems and Information Technology for Sustainable Solutions (CSITSS-2023) jointly organized by Departments of CSE, ISE, MCA, TCE & ECE during 2-4 November 2023 at RVCE, Bangalore.
62. Reviewer and Session Chair for the 3rd International Conference on Advancement in Electronics & Communication Engineering AECE – 2023, Technically sponsored by IEEE UP section in Collaboration with ECE & CSE Department, RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY, Ghaziabad, Uttar Pradesh, 23 - 24 November 2023.
63. Reviewer of 3rd Edition of Mysore Subsection Flagship International Conference (Mysurucon-2023) organized by IEEE Mysuru Subsection Co-organized and hosted by Malnad College of Engineering, Hassan in association with IEEE Bangalore Section will be held during 1-2 December 2023.
64. Reviewer for 3rd IEEE International Conference on Mobile Networks and Wireless Communications (ICMNWC-2023) at SSIT, Tumkur in association with IEEE Bangalore section, 4-5 December 2023.
65. Reviewer for 2nd IEEE International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (ICIITCEE2024), organized by BNMIT, Bengaluru, 24-25 January 2024.
66. Reviewer for the First International Conference on Emerging Research in Computing, Information, Communication, Artificial Intelligence and Machine Learning-ERCICAM 2024 organized by Nitte Meenakshi Institute of Technology, Yelahanka, Bangalore, Karnataka, India, 23-24 February 2024.
67. Reviewer for IEEE International Conference on Distributed Computing and Optimization Techniques (ICDCOT-2024) organized by SJB Institute of Technology, Bengaluru in association IEEE Bangalore Section, 15-16 March 2024.
68. Reviewer of International Journal of Systems and Software Security and Protection (IJSSSP), IGI Publishers, May 2024.
69. Member of the Editorial Review Board starting in 2024 to provide evaluations of submitted manuscripts for the double-blind, peer-review process for the IGI Global scholarly publication: . International Journal of Information System Modeling and Design (IJISMD). doi:10.4018/IJISMD, May 2024.
70. Reviewer for 4th International Conference :: AECE-2024 On Advancement in Electronics & Communication Engineering Jointly organized by ECE & CSE Department, RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY, Ghaziabad, Uttar Pradesh, 22nd-23rd November, 2024.
71. Reviewer for International Conference on Distributed Systems, Computer Networks, and Cybersecurity (ICDSCNC 2024) organized by Sri Krishna Institute of Technology, Bangalore, September 20-21, 2024.
72. Reviewer for 2nd International Conference on 6G Communications Networking and Signal Processing (SGCNSP), at Sharanbasva University, Kalaburagi, India, July 12-13, 2024.
73. Reviewer for International Conference on Software, Systems and Information Technology (SSITCON-2024) organized by Dept. of CSE, SSIT, Tumkur, 25th & 26th October 2024 in association with IEEE Bangalore Section.

74. Reviewer for 5th IEEE International Women in Technology Conference Wintechcon 2024 organized by IEEE Bangalore Section, IEEE CAS Bangalore Chapter, WIE AG Bangalore Section, 12th to 13th November 2024 ,Bengaluru, India.
75. Reviewer for International Journal of Information System Modeling and Design (IJISMD), IGI Global, August 2024.
76. Reviewer for 2025 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics organized by BNM Institute of Technology, Bengaluru, India on 16 and 17 January 2025.
77. Reviewer and Session Chair for 8th International Conference on Computational Systems and Information Technology for Sustainable Solution [CSITSS-2024] organized RVCE at R.V.College of Engineering in association with Florida International University, Fachhochschule Dortmund, Germany. Technically Co-Sponsored by IEEE Bangalore Section, India. 7-9 November 2024.

Teaching

Core Courses:

Object oriented Programming Using Java (MCA113IA)

Software Testing(MCA225C4)

Major Project (MCA491P)

Professional Roles

Responsibilities

- **Academic:** NAAC/NBA Coordinator
- **Administrative:** Director, Dept.of MCA

External Connect

Advisory board member , Dept.of MCA, SIT, Tumkur 2025-27