


Dr. JAYASIMHA S.R M.C.A., M.Tech, PhD 8904200327 jayasimha.sr@gmail.com	
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GENERAL INFORMATION

1.	Name (in Block Letters):	Dr. JAYASIMHA S R			
2.	Father's / Spouse's Name:	RAJAKUMAR S A			
3.	Date of Birth: 19/05/1988	4.	Gender: MALE		
5.	Address for correspondence: Religion & Caste:	#488, SONDEKOPPA, TAVAREKERE(VIA), BANGALORE NORTH 562130, HINDHU & SADARU (LINGAYATH)			
6.	Telephone/Mobile No: 8904200327	7.	E-mail: jayasimha.sr@gmail.com		
8.	Google Scholar ID: 1vGARCAAAAAAJ	9.	Scopus ID: 57201049516		

10. ACADEMIC QUALIFICATIONS

Degree	Name of University	Year of Passing/Date of award	Percentage of marks	Division Class / Grade	Subject/ Title of thesis
B. E/BCA	Bangalore University	2008	70%	First Class	
M.E / M.Tech /MCA	VTU	2012	80%	First Class with Distinction	
Ph.D	VTU	2020		Awarded	Development of an Energy Efficient Algorithms for Cloud Environment
Others	M.Tech	2014	70%	First Class	

11. DETAILS OF WORK EXPERIENCE

Sl. No.	Designation	Institution / Organization / Name of the Employer	Period of Service		
			From	To	Total Period (years)
1.	Associate Professor	JSS Academy of Technical Education Bengaluru	3 rd August 2024	Till Date	00.01
2.	Assistant Professor	RV College of Engineering	20 th May 2013	2 nd August 2024	11.02

3.	Lecturer	Sambhram Institute of Technology	30 th July 2012	20 th May 2013	00.10
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12. RESEARCH EXPERIENCE

International Journal

1. Jayasimha SR, et.al., “**Android Application Development: Working on Native and Progressive Web Application**”, Grenze International Journal of Engineering and Technology, June Issue, Grenze ID: 01.GIJET.10.2.504_3, © Grenze Scientific Society, 2024, PP 471-476.
2. Jayasimha SR, et.al. "Implications of COVID 19 on Indians: A Perspective", Gradiva Review Journal, Volume 9, Issue 1, 2023, ISSN NO : 0363-8057, pp 35-41, DOI:10.37897.GRJ.2022.V8I12.22.50624 ,
3. Divya TL, Chandrani C, Saravanan C, Savita S, Jayasimha SR, published a paper titled “Study On The Various Software Application Design And Testing Strategies For Development of Good Quality Software”, International Journal Of Creative Research Thoughts - IJCRT (IJCRT.ORG), 10,ISSN: 2320-2882, Issue 5, May 2022 | ISSN: 2320-2882, 641-645,
4. Jayasimha and Usha J published a paper title “ Modified Best Fit Decreasing Method for optimum Power Consumption in Cloud Data Centers” in RVJSTEAM in Vol. No 2, Issue . 2, July 2021, PP 67-76.
5. S. R. Jayasimha, J. Usha, and S. G. Srivani Iyengar “Analysis of Energy Efficient Load Balancing of Virtual Machine in Cloud Environment” published in Journal of Computational and Theoretical Nanoscience, Vol. 17, ISSN: 1546-1955, pp 4073–4077, 2020
6. Jayasimha S R, Usha J and Srivani Iyengar S G, "A Comprehensive review of Energy Efficiency in Cloud Computing Environment" in International Journal of Engineering and Technology UAE (Scopus Indexed) Journal Vol 7. No.3.29 , 2018.
7. S. R. Jayasimha, Usha.J and S. G. Srivani, “Minimizing Power Consumption and Improve the Quality of Service in the Data Center”, Indian Journal of Science and Technology (Scopus Indexed Journal) DOI: 10.17485/ijst/2016/v9i43/104389, November 2016 ISSN (Print) 0974-6846 ISSN (Online): 0974-5645
8. Jayasimha S.R, Narasimha Prasad D, Hamsa K, Dr. Sumithra Devi K.A, "Prevention of Data from the Data Leakage in Cloud Computing" at International Journal of Recent Advance in Science and Engineering (IJRASE), a wing of (ISRASE) First International Conference on Recent Advances in Science and Engineering, on 30th October 2014 at Bengaluru (Trinity Hotel) ISBN: 978-93-83083-89-3
9. Jayasimha S.R, Anusha S, Hamsa K, "Minimizing Latency in Cluster with Cloud Computing" Paper Published in International Journal of Research in Engineering & Technology (IJRET) Vol. 1, Issue 2, July 2013, 105-110
10. "An effective usage of cloud application deployment in mobile computing environment." (2020). (ISSN-2349-5162) 2020 JETIR May 2020, Volume 7, Issue 5 PP 214-220.
11. “An Overview of Event-Driven Architecture of spinnaker System” published in IJIRCCE, Volume 9, Issue 5, May 2021, e-ISSN: 2320-9801, p-ISSN: 2320-9798, **DOI: 10.15680/IJIRCCE.2021.0905079**
12. “Mailbox Management to Auto Sort and Process Inbound Reports and Classify Documents” published in IJIRCCE, Volume 9, Issue 5, May 2021, e-ISSN: 2320-9801, p-ISSN: 2320-9798, **DOI: 10.15680/IJIRCCE.2021.0905081**
13. “Implementation of Energy Efficient Load Balancing in Cloud Environment” published in IJIRCCE, Volume 9, Issue 5, May 2021, e-ISSN: 2320-9801, p-ISSN: 2320-9798, **DOI: 10.15680/IJIRCCE.2021.0905085**
14. “Development of Standalone Application using Electron Framework” published in Journal of Current Research in Engineering and Science, Bi-Annual Online Journal (ISSN: 2581-611X),

Volume 7- Issue 1, January 2024, PP 1- 7.

15. “Enhancing Real-Time Data Management through Software Architecture Development”, Journal of Current Research in Engineering and Science, Bi-Annual Online Journal (ISSN: 2581-611X), Volume 7- Issue 1, January 2024, PP 1- 10.
16. “An efficient file system with Multi-Factor Authentication using Cryptography” International Advanced Research Journal in Science, Engineering and Technology, Vol. 9, Issue 6, | Impact Factor 7.105 | ISO 3297:2007 Certified, ISSN (O) 2393-8021, ISSN (P) 2394-1588, June 2022, PP 665-668.
17. “Study on the various software application design and testing strategies for development of good quality software” Published In IJCRT (www.ijcrt.org) & 7.97 Impact Factor by Google Scholar Volume 10 Issue 5 May 2022 ,ISSN: 2320 – 2882.
18. “Telemetry Based Anomaly Detection and Correlation in Data Center” published in ‘International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878 (Online), Volume-9 Issue-1, May 2020. Page No.:2146-2148.
19. “Monitoring of Cloud Resources through Dashboard” published in ‘International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878 (Online), Volume-9 Issue-1, May 2020. Page No.:2053-2056.
20. “Data Cleaning in Cloud Platform” published in ‘International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878 (Online), Volume-9 Issue-1, May 2020. Page No.:2535-2539.
21. “Detection of Phishing Attacks using Content Analysis in the Cloud” published in ‘International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878 (Online), Volume-9 Issue-1, May 2020. Page No.:2622-2625.
22. “Network Device Inventory Management System published in ‘International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277- 3878 (Online), Volume-9 Issue-1, May 2020. Page No.:2287-2290.

International Conferences:

1. Presented a paper title” Android Application Development: Working on Native and Progress Web Application” in Thirteenth International Conference on Advances in Computer Science and Application – CSA 2024.
2. Jayasimha S R, Usha J and Srivani S G, “Efficient Power Management using Fuzzy Logic for Cloud Computing Environment” in 3rd IEEE International Conference on Computational Systems and Information Technology for Sustainable Solutions CSITSS 2018 Jointly Organized by Department of MCA, CSE, ISE, R V College of Engineering, Bengaluru from 20th to 22nd December 2018 page number 35 to 40
3. Usha J, Jayasimha S.R, Srivani S G, “Automata Approach to Reduce Power Consumption in Smart Grid Cloud Data Center”, in Third International Conference on Cognitive Computing and Information Processing” December 15-16, 2017
4. Jayasimha S.R, Dr. Usha J and Dr. Srivani S.G, “Analysis of Power Consumption under Different Workload Conditions in the Data Center” in IEEE Sponsored 3rd International Conference on Electronics and Communications (ICECS 2016) on 26th February 2016 conducted by the Department of Electronics and Telecommunication Engineering, Karpagam College of Engineering, Coimbatore ISBN: 978-1-4673-7832-1/16/\$31.00©2016 IEEE, pp:1036-1040
5. Jayasimha S.R, Sumithra Devi K.A, Shivacharan C, Suhail, presented a paper “Nuclear Energy Conservation and Sustainable Development” in 7th International Congress of Environmental Research (ICER-14) on 28th December 2014 at R.V. College of Engineering, Bangalore, Paper Id- T493, pp 656

6. Jayasimha S.R, Sumithra Devi K.A, Hamsa K, “A Survey on Efficient Broadcast, Geocasting and Scalability Recital in MANET’S” Paper Presented in International Conference held at HKBK College of Engineering, Icon RFW 14, on 10th May 2014 Bangalore

Book/Book Chapter Publications

1. Jayasimha S R published a book chapter title “Development of a location tracker app for a patient tracking system” book title” IoT and Cloud Computing-Based Healthcare Information Systems” Apple Academic Press, 2023. PP129-141.
2. Jayasimha S R served as Editor Member of book title: "Advances in Industry 4.0 concepts and Applications" publisher: DE GRUYTER, ISBN 978-3-11-072536-0 ISSN: 2700-6239 on 2022
3. Jayasimha S R published book title "Analysis and Design of Algorithms" , published by LAP LAMBERT Academic Publishing, International Book Market Service Ltd. (E-Publication) , ISBN-978-613-9-93396-9 on 2019.
4. Jayasimha S R, Dr. Usha J and Dr. S G Srivani, published a book chapter titled “Design and use of virtualization technology in cloud computing”, D-Book Interline publishing on April 2017.

National Conferences:

1. Dr. Jayasimha S R, and Dr. Usha J presented a paper title “ Development of Cloud Applications through Location Tracker for Healthcare” organized AICTE sponsored National Conference on Critical Thinking for GenZ-Multidisciplinary Approach (CTGZMA) in Association with ISTE, New Delhi, during 28 - 29 October 2021 organized by department of MCA, RVCE.
2. Jayasimha S.R, Kumaraswamy K.S, UmaShankari S, Dr. Sumithra Devi K.A, presented a paper titled "Cloud Performance Measure on Virtual Environment" in International E - Publication Third National Conference on advances in modern computing and application Trends (TECHMAN-14) on 5th December 2014 at Acharya Institute of Technology, Bangalore, ISBN: 978-93-84648-45-9 Paper Id- 23, pp 75-79
3. Jayasimha S.R, Hamsa K, "Packets Performance in Sockets" at National Conference on Wireless, Signal Processing and Embedded Systems on 21st & 22nd of June-2013 at BMSCE, (WiSE-2013) Bangalore PP 73-76
4. Jayasimha S.R, Srinivasan Rao T "The Future Development of Women's Role in Statistical Education" Paper Presented in International Conference on Role of women in achieving a sustainable future an economic perspective held at SRN Adarsh College on March 15th 2013 , Bangalore
5. Jayasimha S.R, Hamsa K, "Data Storage in Cluster Cloud Computing" Paper Presented at National Conference on Information Advanced in Computer Application on 17th & 18th of May 2013 at SSIT, (NCACA-13) Tumkur PP 89-94
6. Jayasimha S.R, Hamsa K, "Service Provide in Multi-Cloud Computing" Paper Presented at National Conference on information and communication technology on 28th March 2013 in New Horizon College of Engineering (NCICT-13) Bangalore, PP 5
7. Jayasimha S.R, Hamsa K, Prathibha S.B, "IT Enabled Platforms with Cloud Computing" Paper Presented at 2nd National Conference on Recent advances in technology and Engineering on 27th of March 2013 in T-John Institute of Technology(RATE-13) Bangalore, PP 4
8. Jayasimha S.R, Hamsa K, "Security and dependable services in Cloud Computing" Paper Presented at National Conference on Emerging Trends in Engineering and Management Research on 1st and 2nd March 2013 in PES Institute of Technology & Management, (ETEM – 13) Shivamoga, PP 43
9. Jayasimha S.R, Hamsa K, Venkatesh, "Challenges And Security Issues of Cloud Computing" Presented at National Conference on Convergences & Cross-Currents in Management & Information Technology on Feb 2013 Organized by SFGC Bangalore, PP 107-112
10. Jayasimha S.R, Krupa Rani, Srinivas Rao T "Oriented view of Cloud Platforms" Paper Presented at the National Conference on Emerging Trends in ICT & Management , IT Enabled Education in Engineering and Management Research on 7th and 8th of September 2012 in Acharya Institute of Technology, (TECHMAN-12) Bangalore, PP 9-13
11. Jayasimha S.R, Srinivas Rao T, "Cloud Computing with Wireless Devices" Paper Presented at the National Conference on Emerging Trends in ICT & Management , IT Enabled Education in Engineering and Management Research on 7th and 8th of September 2012 in Acharya Institute of Technology, (TECHMAN-12) Bangalore, PP 34-39
12. Jayasimha S.R, Srinivas Rao T, Hamsa K, "Cloud Computing for Mobile World" Paper Presented at National Conference on Computer Communication and Advanced Computing(NCCCAC-2012) on 24th & 25th of August 2012 Bangalore, organized by Department of Computer science & Engineering, Sambhram Institute of Technology Bangalore-97, PP 108-113
13. Jayasimha S.R, "Cloud Computing and Relevance Impact" Presented at National Conference on Convergences & Cross-Currents in Management & Information Technology on Feb 2012 Organized by SFGC Bangalore, PP 75-78

14. Jayasimha S.R, Hamsa K, "Knowledge economy" Paper presented at National Conference on "Knowledge Economy paradigm-panacea for Organization's high Performance" held on 3rd March 2012 Organized by Soundarya Institute of Management and Science Bangalore
15. Jayasimha S.R, "Enterprise Resource Planning" Paper presented in National Conference on "Software project design" (PROSEM – 2012) held on 02 June 2012 at Acharya Institute of Technology, Bangalore

Short Term Course and Training Programme Attended

Cloud Infrastructure (AWS) by Dept. of CSE, JNTUK, University College of Engineering Andhra Pradesh from 21st to 25th August 2023.

One week FDP on "Amazon Web Services" BRAINOVISION SOLUTIONS INDIA PVT.LTD-AICTE from 22nd to 27th August 2022.

"IP Awareness/Training program" under national Intellectual Property Awareness Mission, organized by Government of India on 11th August 2022.

ANTIC-2021: International Conference on Advanced Network Technologies and Intelligent Computing, Department of Computer Science, Institute of Science, Banaras Hindu University, Varanasi, India, December 17-18, 2021.

"Train The Trainer Program on Java Programming" conducted by Infosys Limited from 16 - 18 June 2021.

"5G Colloquium" hosted by VIIT Pune from 27 – 31 July 2021.

"Mobile Application Development" organized by AJIET, Mangaluru from 14 – 18 June 2021.

"Diversified Applications of Machine learning Algorithms" hosted by BMSIT 21 – 22 September 2021.

"Blockchain Technology & Cloud Computing using AWS" TEQIP-3 sponsored conducted by PESCE, mandya 21 – 25 January 2019.

"SELENIUM WEBDRIVER USING PYTHON" organized by the Department of Master of Computer Applications, M S Ramaiah Institute of Technology, Bangalore, 20-26 December 2020.

"PHP & Mysql" organized by IIT Bombay from 24 – 30 April 2020.

Short Term Course and Training Programme Conducted

Resource person for the "Workshop on Simulation of Computer Networks" conducted by TUMKUR UNIVERSITY for MCA/M.Sc Students on 6th March 2024.

Resource person for hands-on Workshop " Mobile Application Development" at by Sitadevi Ratanchand Nahar Adarsh College, Bengaluru on 28th June 2024.

Fundamentals of Microsoft Azure & services and Use-Cases sessions, Internship on Cloud Technologies by Women in Cloud, Center of Excellence in India hosted by RV College of Engineering during 29th June to 17th August 2023.

Delivered Guest Lecturing on Object Oriented Modeling & design patterns, Computer Networks at Vidya Vahini First Grade & PG College, Tumkuru during 2023.

Session Speaker for FSDP “Cloud Computing & its Industrial Applications” organized by Dept. of CSE, Dr.TTIT, KGF, from 27th – 29th April 2023.

Fundamentals of Microsoft Azure & services and Use-Cases sessions, Internship on Cloud Technologies by Women in Cloud, Center of Excellence in India hosted by RV College of Engineering for RVITM students during 11th to 15th June 2022.

Resource person for hands-on Workshop “Computer Networks Lab Orientation” for faculties hosted by SINDHI College, Bengaluru from 8th – 9th December 2022.

Delivered Expert talk on “Computer Applications with Current Technology” for Gnana Priya PU College, PU students on August 2019.

Conference Coordinator

Organizing Committee member for Series of Conference conducted for every year from 2016 to 2023 Computational Systems and Information Technology for sustainable Solutions (CSITSS) organized by RV College of Engineering, Florida International University & IEEE Bangalore Section.

International Conference on “Artificial Intelligence and Machine Learning in Applied Biotechnology 2022” hosted by RVCE & Bioinnovation center (BBC) on 8 – 10 December 2022.

Session Chair

National Conference on "Recent Trends of Computing Applications" organized by the Department of Master of Computer Applications, Dayananda Sagar College of Engineering (DSCE), Bengaluru on 28th July 2023.

National Conference on “Shaping the Future : Trends and Insights for Tomorrow in the field of Commerce, Management and Computer Science” organized by Sitadevi Ratanchand Nahar Adarsh College, Bengaluru on 21st December 2023.

International Conference “Mobile Networks & Wireless Communication” organized by SSIT&IEEE Bangalore section, Tumakuru on 2nd & 3rd December 2022.

Reviewer

“The open public health journal”, the paper title “under-five mortality: comparative study of kenya and other three east African developing countries” at bms-topjhj-2023-171.

“Heliyon” Elsevier recognizes reviewers, the paper title “A novel approach to control cloud center energy usage for predictability in neuro-fuzzy systems” HELIYON-D-23-51072.

“AECE-2022” International Conference sponsored by AICTE, held on 14 – 15 July 2022 being organized by Department of ECE, R.K.G.I.T, Ghaziabad, U.P., India.

“IEEE Region 10 Humanitarian Technology Conference, organized by IEEE Bangalore section during October 2021.

Advisory Board & BoE Member

Advisory Board Committee member for Department of MCA at Acharya Institute of Technology, Bengaluru during 2023 – 2024 Academic year.

Board of Examination member at The National College (Autonomous), Jayanagar, Bangalore- 70.

Research Contribution

Team Member towards the completion of IEEE HTB | IEEE SIGHT Funded Project during 2023 IEEE Humanitarian Technologies Board humanitarian technology and sustainable development funded project, “Awareness Creation and Detection of Vector Borne Disease -Dengue for Public Health” worth \$5000.

Consultancy

Computer networks Hands-on session workshop conducted for RV University, Bengaluru Rs.85,000/- during 2023-2024.

Low Code Developer Training & Certification program connection with (Powered by Wizergos and RV College of Engineering, Bengaluru Rs. 20,000/- during 2022-2023.

Workshop conducted on “AWS Cloud Technology” for QUAINTSOCIENCE TECHNOLOGIES PVT LTD Rs. 15,000/- during 2021-2022.

Patent Details

Application No: 202241032957

Title: YOGA POSTURE CORRECTION SYSTEM

Date of Publication: 09/06/2022

FER Reply Filed: 17/06/2022

Application Status: Published

Professional Course

Mentor for the NPTEL online certification program for the courses during July to December 2023.

“Design and Analysis of Algorithms” organized by VKIT, Bengaluru during 2021.

“Oracle Cloud Infrastructure Foundations” organized by Oracle Certified Associates during May 2020.

Updated as on August 2024- Dr. Jayasimha S R