

Dr. SHRIHARI M R

Contact on: shrihari.mr@gmail.com
+919980019411

Career Objective:

Willing to be part of an organization where I can utilize my skills and work for the growth of the organization with committed spirit.

Technical Subjects Taught:

Object Oriented Programming with C++, System Software, Computer Networks ,Unix and Shell Programming ,Java and J2EE,Information and Network Security, Computer Graphics &Visualization Operation Research ,Compiler Design ,Web Technology and its Application, Managing Big Data, Machine Learning, Automata theory and compiler Design Data Structure and Application, Advanced Java, Big Data analytics and Data Science Management.

Personal Skills:

- Passionate to update my knowledge and skills through continuous self-learning.
- Able to handle stress and work pressure.

Educational Qualification:

Degree	Specialization	Name of the Institution	University
Ph.D	Computer Science and Engineering	BMSIT&M, Bangalore	Visvesvaraya Technological University
M. Tech	Computer Science and Engineering	BIT , Bangalore	Visvesvaraya Technological University
B.E	Computer Science and Engineering	SJCIT, Chickballapur	Visvesvaraya Technological University

Work Experience:

SN	Organization	Designation & Department	Duration
1	S J C Institute of Technology	Associate Professor, CSE	01/05/2023 to TILL DATE
2	S J C Institute of Technology	Assistant Professor, CSE	01/11/2011 to 31/04/2023
3	S J C Institute of Technology	Lecturer, CSE	22/07/2010 to 31/10/2011

Organizational Memberships:

SN	Organization Name	Membership Type	Membership No.
1	MIE	Member	AM1629754
2	Computer Society of India (CSI)	Life Member	I1504540

Researcher IDs

SN	Researchers Site	Researcher IDs
1	Google Scholar	https://scholar.google.com/citations?hl=en&user=Sr48fLgAAAAJ
2	ORCID	https://orcid.org/0000-0002-2296-3188

Question Paper Setting:

SN	University/College	Subject	Year
1	VTU	Big Data Analytics & Advanced Java	2024&2025
2	VTU	Managing Big Data	2020
3	SSIT	Data Structure and Application	2022

Students/Scholars Guided:

SN	Student Type	Guiding/Guided		Thesis Evaluated		Lab Examiner		Theory Evaluation	
		IN	EX	IN	EX	IN	EX	IN	EX
1	Undergraduate	24	-	10	10	16	14	10	04
2	Post Graduate	02	-	01	-	01	-	-	-
3	Doctor of Philosophy	01	-	-	-	-	-	-	-

Funded Projects Proposal:

SN	Funding Agency	Proposal Submitted/Sanctioned	Year
1	ATAL (AICTE)	Sanctioned =1lakh	2024
2	KSCST	Sanctioned (4000*2=8000/-) Sanctioned (5000*1=5000/-)	2024
3	KSCST	Sanctioned (4000*2=8000/-)	2023
4	KSCST	Submitted	2022
5	KSCST	Submitted	2021
6	KSCST	Submitted	2018
7	KSCST	Submitted	2017
8	KSCST	Submitted	2016

Books Publication:

SN	Subject Name	Year&ISBN
1	Computer Network and Cryptography	2025& ISBN: 9789364923026

Certification Courses:

SN	Subject Name	Year
1	Python for Data Science	2025
2	Cloud Computing	2024
3	Cryptography and Network Security	2022
4	Programming in Java	2022
5	Compiler Design	2020

Journal Publications:

- [1] "Exploring Threat Vectors and Countermeasures in Cloud Security" in [Journal of Information Systems Engineering and Management](#),2025, [Q3](#).
- [2]."A Systematic and Comprehensive Review of Literature on Security Threats, Mitigation Strategies and Optimization Techniques in Cloud Computing" in [International Journal of Intelligent Systems and Applications in Engineering](#),2024, [Q3](#).
- [3]."Development of Fragmentation to Create a Big Data Security Framework using Blockchain Innovation" in International [Journal of Intelligent Systems And Applications In Engineering](#) 2023, [Q3](#), [Scopus Indexed](#).
- [4]. "The Secured System for Continuous Improvement in Educational Institutes Using Big Data Analytics", IN ICT Analysis and Applications,2023 [Scopus Indexed](#).
- [5]. " Secure Data Education: Leveraging Big Data for Enhanced Academic Performance and Student Success in Educational Institutions" ICT Analysis and Applications,2023, [Scopus Indexed](#).
- [6]."A Compendious Study on Blockchain Technology in Healthcare Systems" in Grenze International Journal of Engineering and Technology,2023, [Scopus Indexed](#).
- [7]. "Ensuring Security and Energy Efficiency of WSN", in Grenze International Journal of Engineering and Technology,2023, [Scopus Indexed](#).
- [8]. "Novel Flood Prediction System based on Big Data and Machine Learning" in Grenze International Journal of Engineering and Technology,2023, [Scopus Indexed](#).
- [9]. Development Of Security Clustering Process For Big Data In Cloud" In ICT Analysis And Applications, 2021. [Scopus Indexed](#)
- [10].Protecting Big Data Sets From Unauthorized Users On Cloud In Communications In Computer And Information Science ([CCIS](#)), 2021. [Scopus Indexed](#)
- [11]. Enhancing Data Security In Cloud Using Cryptographic Technique, European Journal Of Molecular & Clinical Medicine ISSN 2515-8260 , 2020. [Scopus Indexed](#)
- [12]. Research Challenges In Big Data Security With Hadoop Platform" In Communications In Computer And Information Science ([CCIS](#)), 2018 [Scopus Indexed](#)
- [13]. A Review On Different Methods To Protect Big Data Sets", In Jour Of Adv Research In Dynamical & Control Systems, 2018. [Scopus Indexed](#)

- [14]. An Approach For Supervising The Security Threats Using Software Defined Networks In International Journal Of Recent Technology And Engineering ([IJRTE](#)) ISSN: 2277-3878,2019. [Scopus Indexed](#)
- [15]. A Key Management Of Security To Design Enhanced Apache And Rhino Utilities In Big Data Using Hadoop In International Journal Of Recent Technology And Engineering ([IJRTE](#)) ISSN: 2277-3878,Volume-8, Issue-1c, May 2019. [Scopus Indexed](#)
- [16] “An Alert System For Home Security Based On Internet Of Things”, In [IRJET](#), Volume 5, Issue 6, June 2018.
- [17] “Cost Effective Telemetry And Telecommand System For Small Satellite”, In [IJERT](#), Volume 6, Issue 5, May 2017.
- [18] ”Using Data Mining And Machine Learning Methods For Cyber Security Intrusion Detection”, In [IJRTER](#), Volume 3, Issue 4, April-2017.
- [18] “Exploring The Use Of Geographic Information Systems For Rural Development Under primary Healthcare” In [IJREAT](#), Volume 4, Issue 2, April-May, 2016.
- [19] “Open Flow: Innovating Campus Network”, In [IJCSIT](#) Volume 6, Issue 3, April-2015.
- [20]. “A Security Analysis Of Amazon’s Elastic Compute Cloud Service”, In [IJSER](#) Volume 6, Issue 4 April-2015.
- [21]. “Implementation Of Face Recognition In Cloud Vision Using Eigen Faces” In [IJERA](#), Volume 4, Issue 7, July-2014.
- [22]. “Context Based Dynamic Verbal Management System” In [IJERA](#), Volume 3, Issue 4, August 2013.

International Conference / National Conference Papers:

- [1].“3rd IEEE International Conference on Knowledge Engineering and Communication Systems” held at SJC Institute of Technology in Association with IEEE Bangalore Section on April 28 - 29, 2025, Presents “AgriChainSync: A Scalable and Secure Blockchain-Enabled Framework for IOT-Driven Precision Agriculture. 2025, [Scopus Indexed](#)
- [2].First international Conference on Sustainable & Intelligent Computing in Science and Technology (ICSICST-2025) held on 16th -17th May 2025 at Poornima Institute of Engineering & Technology ,Jaipur. Presents paper with title “Enhanced Access Management and Automatic Revocation for Outsourced EHR in Cloud Environment”. 2025, [Scopus Indexed](#)
- [3].Second international Conference on “Emerging Technologies in Science and Engineering” 19th & 20th June 2025 at Akshaya Institute of Technology, Lingapura, Tumukur, Presents research Paper titled “A Web -Based Research Management System” 2025, [Scopus Indexed](#)
- [4].Second international Conference on Advances in Information Telecommunication and Computing, AITC-2025 May 31, June 1-2025, Presents a Research paper titled “Integrated Multi -Object Tracking with Re-Identification. 2025, [Scopus Indexed](#)
- [5].”Organ Donation and Transplantation framework using Blockchain” in 2nd International conference on Knowledge Engineering and Communication Systems. Held at SJC Institute of Technology in 2024., 2022, [Scopus Indexed](#).
- [6] “Integrated Development of Frame TechZone Using IOT and Bigdata” in 2nd International conference on Knowledge Engineering and Communication Systems. Held at SJC Institute of Technology in 2024. 2022, [Scopus Indexed](#).
- [7].A Comprehensive Study on Security Concerns of Cloud Computing and Enhancing Security Using Kerberos Protocol” at the International Conference on Machine Learning Big Data Management Cloud and Computing(ICMBDC) held in New Delhi, India May, 2023
- [8]. A survey on Machine Learning Techniques Using Quantum Computing in the Fourth International Conference on “Emerging Research in Electronics, Computer Science and Technology” ICERECT – 2022, [Scopus Indexed](#).

- [9] “Enhanced Efficient and Security in Big Data Using TDES And Machine Learning Technique “ [ICDCECE-2022. Scopus Indexed.](#)
- [10] Access Control Framework in the Cloud based on Multi-Blockchain with Light Privacy Protection “[ICDCECE-2022. Scopus Indexed.](#)
- [11]Development Of Security Clustering Process For Big Data In Cloud, [ICT For Sustainable Development,Goa, India2020.](#)
- [12]. Enhancing Data Security In Cloud Using Cryptographic Technique, [SJCIT, ICETSE-2020.](#)
- [13] Protecting Big Data Sets From Unauthorized Users On Cloud In Communications In Computer And Information Science, [Dr Babasaheb Ambedkar Marathwadda University, RTIP2R-2020.](#)
- [14]. An Approach For Supervising The Security Threats Using Software Defined Networks, [Dept. Of CSE SJCIT, Chikballapur-2019.](#)
- [15]. A Key Management Of Security To Design Enhanced Apache And Rhino Utilities In Big Data Using Hadoop, [Dept. Of CSE SJCIT, And Chikballapur-2019.](#)
- [16]”A Review On Different Methods To Protect Big Data Sets” In International Conference On Topical Transcends In Science, Technology And Mangement([ICTTSTM -2018\) Organized By Svit,Bengaluru On 17th And 18th Aug-2018.](#)
- [17] “A Way To Determine The Disease And Suggest Remedies Using Machine Learning And Big Data” In National Conference On “Recent Trends In Computer Science And Engineering –[NCRTCS-2018” On May 2018 At SJCIT.](#)
- [18] “ A Security Model For Preserving Privacy Of Medical Data Using Cloud Computing” In National Conference On “Recent Trends In Computer Science And Engineering –[NCRTCS-2018” On May 2018 At SJCIT.](#)
- [19].”An Impact Of Psychology In Artificial Intelligence “ In International Conference On Emerging Trends In Science And Technologies For Engineering System([ICETSTES-2018\) Organized By Sjcit, Chickballapura On 11th And 12th January 2018.](#)
- [20]. “Research Challenges In Big Data Security With Hadoop Platform” [Solapur University, Solapur, 2018.](#)
- [21]. Machine Learning And Data Mining Methods For Cyber Security Intrusion Detection, [Dept. Of CSE, SJCIT,Chikballapur-2017.](#)
- [22]. “Virtual Desktop Infrastructure In Higher Education Institution” In National Conference On “Recent Trends In Computer Science And Engineering –[NCRTCSIT-2016” On April 2016 At SJCIT.](#)
- [23].”5g Technology Of Mobile Communication “In National Conference On “Recent Trends In Computer Science And Information Technology -[NCRTCSIT-2016” On April 2016 At SJCIT.](#)
- [24].”Emotion Aware Cloud Computing In 5g Networks“ In National Conference On “Recent Trends In Computer Science And Information Technology -[NCRTCSIT-2016” On April 2016 At SJCIT.](#)
- [25].”Secure Deduplication With Efficient And Reliable Convergent Key Management “In National Conference On “Recent Advances In Science, Engineering And Technology-[NCRASET-15 Organized By Department Of Computer Science And Engineering” On May 2015 AT SVCE, Bangaluru.](#)
- [26] “Context Based Dynamic Verbal Management Systems” [In RTCCIT On 29th April 2013 At MSEC.](#)
- [27]. “Implementation Of Face Recognition In Cloud Vision Using Eigen Faces” [In Rtccit On 29th April 2013 At MSEC.](#)
- [28] “Intercepting Mobile Communication White Space Unleashing The Fall Potential Of Mobile Internet” [Dept. Of CSE, NCET, Bangalore, 2012.](#)

Conference Organized:

- [1] Organized an talk on “[How to Plan for Start –Up and Legal & Ethical steps](#)” on 20/05/2025
- [2].ATAL Online 6days FDP with the title “[AI and Securitiy Current trends and Future Research](#), 2024-2025,
- [3].Organized a Three Days FDP on “[Technical Writing using LaTeX](#)” on 07/05/2024 to 09/05/2024
- [4]. Organized an expert talk on "[Process of innovation Development, Technology Readiness Level\(TRL\)](#)" on 12/01/2024
- [5]. Organized an talk on “[How to Plan for Start –Up and Legal & Ethical steps](#)” on 14/05/2024.
- [6].One day National Conference on “Recent Trends in Computer and Information Technology ([RTCIT-21](#))", SJCIT, Chickballapur, 28 August 2021.
- [7]. Two days International Conference on “International Conference on Emerging Trends in Science and Technologies for Engineering Systems ([ICETSE-2019](#))", SJCIT, Chickballapur, 17th and 18th of May 2019.
- [8]. One day National Conference on “[Recent Trends in Computer Science and Information Science](#)", SJCIT, Chickballapur, 10 May 2018.
- [9]. Two days International Conference on “International Conference on Emerging Trends in Science and Technologies for Engineering Systems ([ICETSTES-2018](#))", SJCIT, Chickballapur, 11 and 12 January 2018.
- [10]. Two days National Conference on “Recent Trends in Computer Science and Information Science Manthana-17", [SJCIT, Chickballapur](#), 3 and 4 May 2017.
- [11]. Two days National Conference on “Recent Trends in Computer Science and Information Science", [SJCIT, Chickballapur, 2016](#).

Faculty Development Programs:

- [1]. [NPTEL-AICTE](#) Faculty Programme “[Python for Data Science](#)” Jan-Feb-2025 .
- [2].Management Development program on a Topic “[Leadership and Teambuilding](#) organized from 28th Jan 2025 to 1st Feb 2025
- [3]. [NPTEL-AICTE](#) Faculty Programme “[Cloud Computing](#)” Jan-April-2024 .
- [4]._Faculty Development Program on “[GenAI and Prompt Engineering using Microsoft Copilot](#)” organized by P B Siddhartha College of Arts & Science, Department of CSE(DS) - Saraswati College of Engineering & CMR College of Engineering & Technology in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 15th April to 19th April 2024.
- [5]. Faculty Development Program on”[Latest Trends and Techniques in software Engineering](#)” organized by the Department of Computer Science,CHRIST , from 20th -27th Jan 2024

- [6]. Faculty Development Program on “[Cloud Infrastructure \(AWS\)](#)” Organized by SJCIT,Karnataka. In Collaboration with Brain vision Solutions PVT LTD 21st to 25th Aug 2023.
- [7] . Faculty Development Program on “[Generative AI and Cyber Security](#)” Organized by REVA University held from 24th to 28th July 2023.
- [8]. Faculty Development Program on “[Emerging Technologies](#)” organized by the Department of CSE(AI & ML), Vidyavardhaka College of Engineering in association with TCS (Tata Consultancy Services) held from 11-Dec-2023 and 15-Dec-2023.
- [9]. NPTEL-AICTE Faculty Programme “[Programming in Java](#)” Jul-oct-2022 .
- [10]. NPTEL-AICTE Faculty Programme“[Cryptography and Network Security](#)”, Jul-oct-2022 .
- [11]. 5 Days Workshop On “[IOT](#)” Conducted At SJCIT, Organized By Dept OF CSE, SJCIT, 13th Feb To 17th Feb 2019 SJCIT, Chickballapur.
- [12]. 5 Days FDP Program On Machine Learning With Python, [Dept Of ISE,BMSIT&M Bangalore](#), 23rd To 27th July 2018.
- [13]. 1 Day FDP On “[Agile Technologies](#)” Conducted AT [SJCIT, DEPT. OF CSE, SJCIT](#), 23th Jul 2016, SJCIT, Chickballapur.
- [14] “5 Days [VTU-VGST FDP Program](#) On” Power Issues In Multi Core Architecture And Green Computing” From [12-03-2012 To 16-03-2012](#) Organized By [Department Of CSE,C.B.I.T,KOLAR](#).

Workshops attended:

- [1]. Three Days Workshop On "[Building Dynamic Web Application with angular JS](#)" Organized By Dept. Of CSE, SJCIT During 23rd November – 25th November 2023.
- [2]. Three Days FDP On "[Mobile Application Development](#)" Organized By Dept. Of ISE, SJCIT During 18 – 20 March 2021.
- [3]. “2 Days Workshop On”[Innovations In Teaching & Learning In Higher Education](#)” Organized By Dept. Of ECE&TCE, SJCIT On 28th And 29th Dec-2018.
- [4] “[Agile Technologies](#)” Organized By Dept. Of CSE In Association With TCS On 23rd July 2016 At SJCIT.
- [5] “[Engineering Pedagogy](#)” Organized By The Dept. Of ECE On 15th & 16th Dec 2016 At SJCIT.
- [6] “[Principles Of Pedagogy For Effective Instructions Dissemination](#)” By Dept. OF CSE/ISE SJCIT On 19th July 2014.
- [7] “[Software Defined Data Centre](#)” By Dept Of CSE, SJCIT On 9th & 10th Jan 2014.
- [8] “[Mobile Application Development Using Android](#)” By Infosys Limited, Bangalore At SJCIT From 3rd To 5th January 2013.
- [9] “[ARM 9/11 Architecture And Its Applications](#)” By Dept ECE/TC In Association With SITECH ELECTRONICS & IETE BANGALORE CENTRE ON 27TH TO 29TH JAN 2011.
- [10] “[HR & Quality In Technical Education](#)” By Pre-Engineering Dept, SJCIT On 21st Jan 2011.

Appreciations:

- [1] As Resource person Expert Talk on [“Introduction to Machine Learning for Teaching and Research”](#) under AICTE Training & Learning (ATAL) Academy on 23rd July 2025
- [2] As Resource person Talk on the Topic : [”Usage of AI tools For Research Article Writing”](#) ,under the KMAP 14th March 2025.
- [3] As Resource person in one day workshop on [“Knowledge on Research Challenges “](#) Organized by the Department of Computer Science and Engineering, Under the BGS Memorial Lecture series on 4th July 2024
- [4] [To Achieve Excellence in Teaching, Research, and Institution /Department Developmental Activities September 2024](#)
- [5] Token of Appreciation [“contribution towards the guidance for the project entitled “Vehicle Control by Using Human Voice for Physically Disabled &Aged People”](#) For National Level Project Competition 2024, Organized by Dept Of CSE ,BIT Bangalore on 13th April 2024
- [7] Token of Recognition actively participated in the [23rd VTU Youth Festival “BLISSBEAT-2024”](#) held at SJC Institute of Technology ,March 27-30,2024.
- [8] Token of Achievement in Recognition of [Continued efforts in Research](#) during academic year 2022-23.
- [9] Token of appreciation for being a [Session Chair](#) in the Project Open House and National Conference on [“Innovation in Engineering, Science & Technology”](#) (NCIEST-2023) Mnthana-2023.
- [10] Appreciation Certificate for getting [100% result](#).
- [11] Token of [Appreciation Foundation for Advancement in Education in Research \(FAER\)](#).

Other Roles and Responsibilities handled at SJCIT:

- [1] Organized an talk on [“How to Plan for Start –Up and Legal & Ethical steps”](#) on 20/05/2025
- [2]. ATAL Online 6days FDP with the title [“AI and Security Current trends and Future Research](#), 2024-2025,
- [3] Department IQAC Coordinator.
- [4] Department BOE Member.
- [5] Department DAB Member.
- [6] Department PAC Member.
- [7]. Organized a Three Days FDP on [“Technical Writing using LaTeX”](#) on 07/05/2024 to 09/05/2024
- [8]. Organized an expert talk on ["Process of innovation Development, Technology Readiness Level \(TRL\)"](#) on 12/01/2024
- [9]. Organized an talk on [“How to Plan for Start –Up and Legal & Ethical steps”](#) on 14/05/2024.
- [10]. Session Chair & Reviewer on [“ ICKECS-2024”](#)

[11]. Coordinator for “functional Committees(Campus Decoration) of 23 rd VTU Youth Festival 2023-24.

[12].College Level Start –Up Coordinator.

[13]. Department VTU Examination Coordinator.

[14] Department Coordinator for NAAC during 2022-23 at SJCIT.

[15] Department Coordinator for NBA during 2022-25 at SJCIT.

[16] Department Coordinator for NAAC during 2017-22 at SJCIT.

[17] Department Coordinator for NBA during 2015-21 at SJCIT.

Personal details:

Full Name	:	Dr. Shrihari.M.R
Father’s Name	:	Ramakrishnappa.H
Date of Birth	:	23 July 1984
Mobile No	:	+91- 9980019411
Email	:	Shrihari.mr@gmail.com
Address	:	Melur ,Sidlaghatta(Tlq), Chickballapur(Dist)-562102

Yours sincerely
Dr. Shrihari M R