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| C:\Users\Administrator\Desktop\6013287246134886902.jpg**DR. SIVARAM RAJEYYAGARI****TEACHING ~ RESEARCH ~ CURRICULUM DEVELOPMENT~ ADMINISTRATION***Industry Preference: Academics*  **dr.r.sivaram@gmail.com**  **+966-592332071(KSA), +91-7569884505 (IND)** |
|  Profile Summary |
| * A dynamic Academician with nearly **20 years of commendable experience** in **Teaching and Research & Development**
* Awarded **Ph.D. in Computer Science in** 2007
* Successfully **supervised 1 Ph.D. Research, 4 M.Phil. research work** andmany **Postgraduates**
* **Written & Published** several **Research Papers** in renowned Journals in Computer Science & Engineering
* Successfully completed the **CyberArk Trustee** certification requirements and is recognized as a **CyberArk certified Trustee**
* Areas of **Current Research Interest** include Computer Network, Cyber Security, Image Processing, Big Data and AI
* **Authored 16 Books** as per the syllabus prescribed by State Board of Technical Education and Training
* Associate with international Organization as **Senior Research Fellow, Honorary Adjunct Scientist**
* Successfully **accomplished various Accreditation and Inspection works**
* Excellent communication and presentation skills and motivating teams towards achieving organizational goals
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| Significant Achievements:* Played a key role in contributing in designing the curriculum and in writing books
* Contributed in introducing innovating ways of learning
* Recognized for taking various initiatives to enhance morale, knowledge of students
* Contributed exceptionally in Research & Development in Computer Science and Engineering and took the institute to growing levels
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|  Education* **Ph.D**. (Computer Science) from Magadh University, Bodh Gaya, Apr’07
* **M.Phil.** (Computer Science) from Madurai Kamraj University, Madurai, Nov’04
* **M. Tech.** (Computer Science and Engineering) from JNTU, Hyderabad, Dec’11
* **MCA** from Bharathiar University, Coimbatore, Dec’99
* **B.Sc.** (Computer Science) from Sri Venkateswara University, Tirupati, Sept’94

ThesisTopic: ***‘Keyword Search Technique for Peer-to-Peer Network’*** from Magadh University, India (Jan’05 to Apr’07) |
|  Professional Associations |  Areas of Excellence |
| * Ph.D. Guide/Supervisor for JJT University, Jhunjhunu, Rajasthan (JJT/2K9/SC/1764) and Lincoln University college Malaysia
* Life Member of Indian Society for Technical Education (ISTE), New Delhi
* Life Member of Advanced Computing & Communication Society (ACCS), Bangalore (L010M0900217)
* Senior Member of International Association of Computer Science and Information Technology (IACSIT), Singapore (SM-80336512)
* Adjunct Distinguished Scientist of Genius Singulars, a IT-Electronics Company in Udaypur, Rajasthan, India
* Associated with NeuroLabs International under Dana Brain Health Institute, Iran as Honorary Adjunct Scientist and Senior Research Fellow
* Member of Institute of Electronics and Telecommunication Engineering (IETE)

 Soft Skills **Change Agent Team Player  Analytical** **Collaborator  Communicator  Planner** |

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| Educational Program Planning |
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|  Teaching & Tutoring |
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|  Distribution Management |
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|  Educational Administration  |
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|  Student Orientation & Management |
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|  Laboratory Operations |
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|  Accreditation & Inspection |
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|  Research & Development |
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|  Team Management |
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| Post-PhD* Short Term Post-PhD\* Pilot Research Project 2021 under the guidance of Dr Bui Thanh Hung, Director of Data Analytics & Artificial Intelligence Laboratory – DAAI Lab, Institute of Engineering – Technology, Thu Dau Mot University, Vietnam, September 2021.

Awards and Recognitions * *‘****Best Teacher*** *Award’*, 2009 from Jawaharlal Technological University Kakinada (JNTUK), Kakinada, AP, India
* *‘****Thanks and Appreciation****’ Certificate 2019 from Shaqra University, Shaqra, Kingdom of Saudi Arabia (KSA)*
* *Cash awards* for securing **100% of pass percentage** in various subjects for Diploma, UG and PG

 Career TimelineSachdeva Engineering College for Girls, Chandigarh, India as Professor in CSE and PrincipalTechnical Teacher Training Institute, ASDP, DMTVET, Ministry of EducationKabul, Afghanistan as ProfessorSri Vani Educational Society Group of Institutions, Krishna District, Andhra Pradesh, India as Professor in CSEShaqra University, Ministry of Higher Education,Kingdom of Saudi Arabia as University Professor**Since Sep’17****Feb’16 - Sep’17****Jan’15 – Feb’16****Apr’14 – Jan’15** |
|  Work Experience |
| **Since Sep’17 with Shaqra University, Ministry of Higher Education, Kingdom of Saudi Arabia as University Professor.** **Feb’16 to Sep’17 with Sri Vani Educational Society Group of Institutions, Krishna District, Andhra Pradesh, India as Professor in Computer Science and Engineering****Jan’15 to Feb’16 with Technical Teacher Training Institute, ASDP, DMTVET, Ministry of Education (Funded by World Bank), Kabul, Afghanistan as Professor****Apr’14 to Jan’15 with Sachdeva Engineering College for Girls, Chandigarh, India as Professor in CSE and Principal****Sep’12 to Mar’14 with St. Mary’s Women’s Engineering College, Guntur, AP, India as Professor in CSE and Principal** **Jan’12 to Sep’12 with Amara Institute of Engineering and Technology, Narasaraopeta, Guntur, AP, India as Principal and Associate Professor in CSE** |
| **Key Result Areas:*** Delivering lectures on Computer Science and Engineering subjects as per academic curriculum to students and recognizing, respecting & nurturing the creative potential of each student
* Guiding Ph.D. Research Scholars in Computer Science
* Preparing exercises and assignments for students at various levels; setting & marking assignments and tests
* Responding to student queries in a spontaneous manner
* Assessing students' work; preparing & maintaining records
* Keeping up to date with curriculum changes and assessment methods
* Providing leadership & guidance to the Teaching and Administrative Staff; imbibing discipline in students
* Developing instructional methods and content for educational and student activity programs
* Coordinating activities of teachers, administrators, support staff of the institutions
* Evaluating curricula, teaching methods & programs to determine their effectiveness
* Setting educational standards & goals and establishing policies and procedures to carry them out
* Managing the process of curriculum review including course content, methods of delivery & assessment
* Administering periodic teaching quality assessments including and making recommendations for improvement
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| * Previous Experience
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| **Jul’09 to Jan’10** with E V M College of Engineering and Technology, Narasaraopeta, AP, India as Guest Lecture**Jul’07 to Jun’09** with St. Martin’s Engineering College, Dulapalli, Telangana, India as Associate Professor & HOD**Aug’96 to Aug’97** with Sri Gopala Swamy Degree College, Siddavatam, Kadapa, AP, India as Teaching Faculty & Dept. I/c**May’95 to Apr’96** with Blue Chip Info Tech Ltd., Kadapa, AP, India as Faculty |
| Trainings/ Programs & Seminars Organized* 2 days National Level Seminar, Amara Institute of Engineering & Technology, Narasaraopet on 18th & 19th Feb’11
* 2 days National Level Technical Symposium at AIET, NRT on 16th and 17th March 2012
* 2 week Refresher Course on “Computer Fundamentals and Office Automation” for in-service Engineering teachers of Loyola Polytechnic [YSRR], Pulivendula from 15th to 30th Jun’00
* 2 week Training Program on “Computer Hardware and Networking” sponsored by IEG, Hyderabad in Loyola Polytechnic from 8th to 21st Oct’00
 |
|  Personal Details**Date of Birth:** 11th September 1972**Address:** #3-2-46-1, Reading Room Street, Pulivendula, Kadapa, AP, India-516390**Languages Known:** English, Hindi, Telugu, Kannada, Tamil, Urdu and Dari**Marital Status:** Married**Passport No.:** P0193640; **Validity:** 30-03-2026**Driving License:** 1. Indian Union Driving License No.: DLFAP004172822007, **Validity:**10-09-2022 2. KSA Driving License No.: 2443225442, **Validity**: 03-08-2023**Nationality:** Indian**Official Email:** dr.sivaram@su.edu.sa**Researcher ID**: H-6615-2018**Scopus Author ID**:57201085259**Google Scholar**:  https://scholar.google.com/citations?user=55dweD8AAAAJ&hl=en**ORCID:** 0000-0002-3893-447X**Website**: https://www.su.edu.sa/en/faculty-members-62***Please refer Annexure for Research & Publications, Additional Academic Services and Other Academic Initiatives*****ANNEXURE*****Research and Publications******Journal Publications:***1. **“Omicron Virus Data Analytics Using Extended RNN”,** Asadi Srinivasulu, Anand Kumar Gupta, Kamal Kant Hiran, Tarkeswar Barua, Goddindla Sreenivasulu, **Sivaram** **Rajeyyagari**, Madhusudhana Subramanyam in International Journal of Cancer Research & Therapy, Vol.07, Issue 3, Pages 122-129, July 2022, Published by Opast Publishing Group USA, ISSN: 2476-2377. Journal DOI : doi.org/10.33140/IJCRT, Indexed in Google Scholar, Crossref, Publons Etc., https://opastpublishers.com/open-access/omicron-virus-data-analytics-using-extended-rnn-technique.pdf
2. **“Nonlinear Cosine Neighborhood Time Series-Based Deep Learning for the Prediction and Analysis of COVID-19 in India”,** Ashok Kumar Munnangi; Ramesh Sekaran; **Sivaram Rajeyyagari**; Manikandan Ramachandran; Suthendran Kannan; Subrato Bharati; Kalidoss Rajakani in Wireless Communications and Mobile Computing, Vol.2022, 11 Pages, Special Issue, June 2022, Published by Hindawi, ISSN: 1530-8669; 1530-8677(online). https://doi.org/10.1155/2022/3180742, Indexed in Clarivate Analytics (Web of Science core collection **SCIE**), **Q2**, https://www.hindawi.com/journals/wcmc/2022/3180742/
3. **“Early prediction and analysis of mammary glands cancer through deep learning approaches”,** Anand Kumar Gupta, Asadi Srinivasulu, Kamal Kant Hiran, Tarkeswar Barua, Goddindla Sreenivasulu, **Sivaram Rajeyyagari** and Madhusudhana Subramanyam in World Journal of Advanced Engineering Technology and Sciences, Vol.06, Issue. 01, Pages: 018-024, May 2022, Published by Magna Scientia, ISSN: 2582-8266(online). DOI: https://doi.org/10.30574/wjaets.2022.6.1.0056, Indexed in Thomson Reuters, Google Scholars etc., https://wjaets.com/sites/default/files/WJAETS-2022-0056.pdf
4. **“COVID-19 Virus Prediction Using CNN and Logistic Regression Classification Strategies”,** Asadi Srinivasulu, Tarkeshwar Barua, Srinivas Nowduri, Madhusudhana Subramanyam, **Sivaram Rajeyyagari** in Journal of Data Analysis and Information Processing, Vol. 10, Issue.01, Pages: 78-89, February 2022, Published by Scientific Research Publishing (SCIRP), ISSN: 2327-7211(print); 2327-7103(web). DOI: 10.4236/jdaip.2022.101005 , Indexed in Clarivate Analytics (Web of Science), https://www.scirp.org/pdf/jdaip\_2022022513404352.pdf,https://www.scirp.org/journal/paperinformation.aspx?paperid=115531
5. **“Artificial Intelligence-Based Smart Comrade Robot for Elders Healthcare with Stait Rescue”,** Golda Dilip, Ramakrishna Guttula, **Sivaram Rajeyyagari**, Hemalatha S, Radha Ramana Pandey, Ashim Bora, Pravin R Kshirsagar, Khanapurkar M M, and Venkatesa Prabhu Sundramurthy in Journal of Healthcare Engineering, Vol. 2022, Special Issue, 12 Pages, January 2022, Published by Hindawi, ISSN: 2040-2295(print); 2040-2309(web). DOI: https://doi.org/10.1155/2022/9904870, Indexed in Clarivate Analytics (Web of Science core collection **SCIE**), **Q2**, <https://www.hindawi.com/journals/jhe/2022/9904870>
6. **“Early Prediction of Covid-19 Using Modified Recurrent Neural Networks”,** Asadi Srinivasulu, Tarkeswar Barua, Srinivas Nowduri and Sivaram R in Journal of Infectious Diseases and Treatment, Vol.07, Issue 8:7623, 6 Pages, Sept 2021, Published by Prime scholars, ISSN: 2472-1093. Indexed in Google Scholar, Publons Etc., https://www.primescholars.com/articles/early-prediction-of-covid19-using-modified-recurrent-neural-networks-97020.html
7. **“Threat detection in Internet of Things using Cuckoo search Chicken Swarm optimisation algorithm”, Sivaram Rajeyyagari,** in Journal of Experimental and Theoretical Artificial Intelligence, Vol.33, issue 6 September 2021, Published by Taylor & Francis, ISSN: 0952-813X (print); 1362-3079 (web).DOI: https://doi.org/10.1080/0952813X.2021.1970824, Indexed in Clarivate Analytics (Web of Science core collection **SCIE**), **Q2**, https://www.tandfonline.com/doi/full/10.1080/0952813X.2021.1970824
8. **“Ant colony resource optimization for Industrial IoT and CPS”,** Ramesh Sekaran, Ashok Kumar Munnangi, **Sivaram Rajeyyagari,** Manikandan Ramachandran, Fadi Al‐Turjmanin International Journal Intelligence System (IJIS), August 2021, Published by Wiley Periodicals, LLC, ISSN:1098-111X.DOI: <https://doi.org/10.1002/int.22636>, Indexed in Clarivate Analytics (Web of Science core collection **SCIE**), **Q1**, https://onlinelibrary.wiley.com/doi/epdf/10.1002/int.22636
9. **“Accuracy enhancement in mobile phone recycling process using machine learning technique and MEPH process”,** A.Senthilselvi, v. Sellam, Saad Ali Alahmari, **Sivaram** **Rajeyyagari** in Journal Environmental Technology & Innovation (ET&I), Vol.20 November 2020, Pages:101137, Published by Elsevier, DOI: https://doi.org/10.1016/j.eti.2020.101137, ISSN:2352-1864. Indexed in Clarivate Analytics (Web of Science core collection **SCIE**), **Q1**, https://www.sciencedirect.com/science/article/pii/S2352186420314371
10. **“Automatic Speaker Diarization using Deep LSTM in Audio Lecturing of e-Khool Platform”, Sivaram** **Rajeyyagari** in Journal of Networking and Communication Systems (JNACS), Vol.3, Issue 4, October 2020, Pages: 17-25, Published by Resbee Publications, DOI: [10.46253/jnacs.v3i4.a3](https://dx.doi.org/10.46253/jnacs.v3i4.a3) , https://publisher.resbee.org/jnacs/archive/v3i4/a3.html, ISSN:2582-3817.
11. **“A novel mechanism for dynamic multifarious and disturb e d human face recognition using advanced stance coalition (ASC)”,** M. Ashok Kumar, **Sivaram** **Rajeyyagari** in Journal Computers and Electrical Engineering (CEE), Vol. 84, September 2020, Pages:106642, Published by Elsevier, DOI: https://doi.org/10.1016/j.compeleceng.2020.106642, ISSN:0045-7906, eISSN:1879-0755. Indexed in Clarivate Analytics (Web of Science core collection **SCIE**), **Q1,**

https://www.sciencedirect.com/science/article/pii/S0045790620304973?via%3Dihub1. **“QoS aware cross layer paradigm for urban development applications in IoT”,** Shalli Rani, N.Saravana kumar, **Sivaram** **Rajeyyagari** , V.Porkodi, Sasdar Hussain Boukin Journal Wireless Networks (WN), Vol.26, Issue 8, July 2020, Pages:6203-6214, Published by Springer, DOI: https://doi.org/10.1007/s11276-020-0243-z, eISSN:1022-0038, ISSN:1572-8196. Indexed in Clarivate Analytics (Web of Science core collection **SCIE**), **Q2**,https://link.springer.com/article/10.1007/s11276-020-02430-z
2. **“A Review Methodology for COVID-19 using Enhanced Technologies”,** Regonda Nagaraju, Saad Ali Alahmari, P. Satosh Kumar Patra, **Sivaram** **Rajeyyagari,** Omaia Mohammad Al-Omariin Journal of Critical Reviews (JCR), Vol.7 Issue 18, July 2020, Pages:2116-2122, DOI: https://doi.org/10.31838/jcr.07.18.264, ISSN:2394-5125http://www. jcreview.com/fulltext/197-1597157572.pdf?1606119663
3. **“Amalgamative Multipath Routing in Wireless Sensor Network”,** Abdullah S. Alotaibi, **Sivaram** **Rajeyyagari** in Journal of Mechanics of Continua and Mathematical Science (JMCMS), Vol.14 Issue 6, (Nov-Dec 2019), Pages:316-321, Published by: Institute of Mechanics of Continua and Mathematical Sciences, DOI: [https://doi.org/10.26782/jmcms.2019.12.00021](http://www.journalimcms.org/journal/amalgamative-multipath-routing-in-wireless-sensor-network/), ISSN:2454-7190(Online), ISSN:0973-8975(Print). Indexed in Clarivate Analytics (Web of Science)http://www.journalimcms.org/wp-content/uploads/21-Amalgamative-Multipath-Amravathi-2.pdf
4. **“Enhanced Cyber security for Software Applications”, Sivaram** **Rajeyyagari** in Journal of Mechanics of Continua and Mathematical Science (JMCMS), Vol.14 Issue 3, (May-June 2019), Pages:419-425, Published by: Institute of Mechanics of Continua and Mathematical Sciences, DOI: https://doi.org/10.26782/jmcms.2019.06.00031, ISSN:2454-7190(Online), ISSN:0973-8975(Print). Indexed in Clarivate Analytics (Web of Science)http://www.journalimcms.org/journal/enhanced-cyber-security-for-software-applications/
5. **“Analysis of Image Segmentation of Magnetic Resonance Image in the Presence of Inhomongeneties”, Sivaram** **Rajeyyagari,** Gopitoti Anand Babu, Mohebbanaaz, G.Bhavana, in International Journal of Recent Technology and Engineering (IJRTE), Vol.7 Issue 5, (January 2019), Pages:17-21, Published by: Blue Eyes Intelligence Engineering & Science Publications, Retrieval Number: EI926017519, ISSN:2277-3878 https://www.ijrte.org/wp-content/uploads/papers/v7i5/E1926017519.pdf (SCOPUS Indexed), **Q4.**
6. **“Investigation on Processing of Real-Time Streaming Big Data”** Bhavani Buthukuri, **Sivaram** **Rajeyyagari** in International Journal of Engineering & Technology (IJET), Vol.7, No.3.13 (July 2018), Pages:79-83, Published by Science Publishing Corporation, DOI:10.14419/ijet.v7i3.13.16329, ISSN:2227-524X https://www.sciencepubco.com/index.php/ijet/article/view/16329/6928 (SCOPUS Indexed),**Q4**.
7. **“A study on cyber-crimes, threats, security and its emerging trends on latest technologies: influence on the Kingdom of Saudi Arabia”,** Abdullah S. Alotaibi, **Sivaram** **Rajeyyagari** in International Journal of Engineering & Technology (IJET), Vol.7, No.2.3(March 2018), Pages:746-753, DOI:10.14419/ijet.v7i2.3.9969, ISSN:2227-524X https://www.sciencepubco.com/index.php/ijet/article/view/9969 (SCOPUS Indexed), **Q4.**
8. **“Twitter Streaming Analysis using Spark Engine for Real Time Application”,** Bhavani Buthukuri, S.K.Yadav, **Sivaram** **Rajeyyagari** in International Journal for Developing of Computer Science and Technology (IJDCST), Vol.5, Issue.4(May-June 2017), Pages:1-6, Paper ID: IJDCST/05/V-5/I-4/01, ISSN:2320-7884(Online), ISSN:2321-0257(Print)

http://www.ijdcst.com/pdf/v5-i4-01.pdf1. **“Reducing the Approximations using Map Reduce”** with Bhavani Buthukuri, **Sivaram** **Rajeyyagari** in International Journal of Renewable Energy Exchange (IJREE), Vol.4, Issue 2(Feb 2017), Pages:114-120, ISSN:2321-1067https://www.rexjournal.org/JournalsFiles/19ac2658-5911-4bc3-aab6-931bfc498d59114-120.pdf (SCOPUS Under Review)
2. **“Warehouse Management System based on Enterprise Framework”** with Bhavani Buthukuri, **Sivaram** **Rajeyyagari** in International Journal of Research in Computer Science & Engineering (IJRCSE) Special Issue of IRCSE 2016 – NCRTIAC2K16, 30th April 2016. Article ID: IJRCSE/SP/1-36

http://www.ijrcse.com/Archives.aspx?MName=Special,%20Issue1. **“Skyline Data Computation Using INC Experiments”** with Bhavani Buthukuri, **Sivaram** **Rajeyyagari,** S.K.Yadav, in International Journal for Development of Computer Science and Technology (IJDCST) Special Issue of IJDCST 2016, Pages: 130-137, ISSN: 2321-5585(online), 2321-0338(Print). A two-day national conference on next generation computing (NCNGC-2016) Held during 23rd – 24th December, 2016 in NRI Institute of Technology, Andhra Pradesh, India. Paper ID: NCNGC-19<http://www.ijdcst.com/pdf/NCNGC-19.pdf>
2. **“Design and implementation of Human Computer Interactive system using Gesture Recognition”** Proceedings of International Journal of Science and Applied Information Technology (IJSAIT), Vol.4 , No.5, Pages : 20-25 Special Issue of ICCTE 2015 - Held during 23 – 24 November, 2015 in Hotel Crowne Plaza, Dubai http://warse.org/IJSAIT/static/pdf/Issue/iccte2015sp04.pdf (ISSN 2278-3083)
3. **“An Efficient K-Means and C-Means Clustering Algorithm for Image Segmentation”** with SK. John Saida, L. Srinivas, in International Journal of Science & Applied Information Technology, Vol.: 1, No.: 3 (Jul-Aug’12) (ISSN: 2278-3083)
4. **“Salt and Pepper Noise Detection and Removal by Modified Decision Based Unsymmetrical Trimmed Median Filter for Image Restoration”** with Medida Amulya Bhanu, Gopichand Nelapati, in International Journal of Advanced Trends in Computer Science & Engineering, Vol.:1, No.: 3, (Jul-Aug’12 ) (ISSN: 2278-3091)
5. **“Design and Verification of Performance of 32 Bit High Speed Truncation- Error- Tolerant Adder”** with Ratna Deepthi, L. Srinivas, in International Journal of Science & Applied Information Technology, Vol.:1, No.: 3, (Jul-Aug’12) (ISSN: 2278-3083)
6. **“High Throughput Image Compression using SPIHT with Huffman Encoding”** with S. Vijayadheeswar Reddy, I. V. G. Manohar in International Journal of Advanced Trends in Computer Science & Engineering, Vol.:1, No.: 3, (Jul-Aug’12) (ISSN: 2278-3091)
7. **“Skin Tone Based Secret Communication using DWT”** with Ashok Kumar, L. Srinivas in International Journal of Science & Applied Information Technology, Vol.:1, No.: 3, (Jul-Aug’12 ) (ISSN: 2278-3083)
8. **“Minimizing Interference in Multi-radio Wireless Mesh Networks Through Channel Assignment”** with U. Punnareddy in International Journal of Advances in Knowledge Engineering & Computer Science, Vol.:1, Issue:1, (Jan’12), Pages: 68-75 (ISSN 2277-6923)
9. **“An Analysis and Comparison of Multi-Hop Ad-Hoc Wireless Routing Protocols for Mobile Node”** with S. Tamilarasan, in International Journal of Science & Applied Information Technology, Vol.:1, No.: 1, (Mar- Apr’12)
10. **“Detection of Defects using Eigen Values of Image Processing”** with V. S. Giridhar, Usha Sri in International Journal of Image Processing & Applications, Vol.:2, No.:2, (July- Dec’11) (ISSN: 0975-8178)
11. **“Novel Approach for Designing Accurate Images using GPU”** with Y. Gangadhar, A. Giridhar, M. Mohan Kumar in World Journal of Science & Technology, Vol.:1, No.:12, (2011) (ISSN: 2231-2587); Published by Academic Journals Database.
12. **“Design of Accurate Images using Graphic Processing Unit”** with Dr. A. Giridhar, Mr. A. V. N. Kumar, and Dr. N. Kalpalatha in International Journal of Computer Applications in Engineering, Technology and Science(IJ-CA-ETS), Vol.: 03, Issue 02, (Apr-Sep’11), Pages: 163-164 (ISSN:0974-3596)<https://aessangli.in/IJ-CA-ETS/6....april%2011%20-sept%2011%20volume%203%20isssue%201.pdf>
13. **“Data Hiding and Water Marking Security Based on Nested Lattices”** with V. S. Giridhar Akula and P. Chandrasekhar Reddy in International Journal of Advanced Networking and Applications, Vol.:01, Issue 06, Pages: 367-370 (May-Jun 2010), ISSN: 0975-0282 (Online), ISSN: 0975-0290 (Print); Published by Eswar Publications <https://www.ijana.in/papers/6.5.pdf>
14. **“SRGM with Imperfect Debugging by Generic Algorithms”** with D. Pavan Kumar and J. Nagaraju in International Journal of Computer Science and Information Technology, Vol.:01, Issue 04, (ID: IJCSIT-2010-7-1-32), Feb’10, Published by TechScience Publications
15. **“The Concept of Markers Used in the Watershed Transform”** with Giridhar in Indian Journal of Computing Technology, Vol.: 1, Issue 1, Pages: 37-41, May’06

***Conference Publications:*** 1. **“Managing Information and Network Security using Chaotic Bio Molecular Computing Technique”** Proceedings by **IEEE** of International Conference on Intelligent Computing and Control Systems [ICICCS 2022], 25-27, May 2022, Madurai, India.
2. **“Applications of Artificial Intelligence in Biomedical Image Processing”** Proceedings by **IEEE** of International Conference on Artificial Intelligence and Smart Systems (ICAIS - 2022), organized by JCT College of Engineering and Technology, Coimbatore, India, 23-25 February 2022
3. **“Amalgamative Multipath Routing in WSN”** Proceedings of International Conference on Emanate and Ingenious Trends Engineering Management and Sciences (ICEITEMS - 1019), organized by Malla Reddy Institute of Technology, Hyderabad, India, 8th and 9th Nov’19
4. **“Various Accident Detection Technologies and Recovery Systems with Victim Analysis”** Proceedings of International Conference on Computer science and Information Engineering (ICCSIE, 2013), organized by the World Academy of Research in Science and Engineering, Bangalore, 24th May’13
5. **“A Comprehensive Study on Data Mining Process with Distribution”** Proceedings of International Conference on Computer Science and Intelligent Systems, 2011 (CSIS’11), organized by Coimbatore Institute of Information Technology (CiiT) and International Neural Network Society (INNS), Coimbatore, 21st and 22nd Oct'11
6. **“Organizational Management and Technology”** Proceedings of National Conference on Managing Technology for organizational Excellence, Published by Faculty of Management Studies, Swamy Vivekananda Group Of Institutions (SVGOI), Chandigarh, 23rd Jan’09
7. **“KST: An Effective Keyword Search Technique using Distributed Inverted Index for Peer-to-Peer Network”** in Proceedings of Conference on Emerging Trends and Technologies, Published by Department of Computer Science, Sri Padmavathi Mahila Viswavidyalayam, Tirupati, 13th and 14th Mar’08
8. **“IIDS: An Intelligent Intrusion Detection and Prevention System for Computer Networks”** Proceedings of International Conference on ICETAET – 2008, (ISBN: 978-81-906220-1-1, Vol.: II) Published by Saurashtra University, Rajkot, 13th and 14th Jan’08
9. **“Algorithms of Packet Classification for the Firewall Software”** Proceedings of IETE International Conference on Emerging Technologies in Telecommunications Convergence (ICETT 07), Published by IETE Mumbai Centre, 10th to 12th Jan’07
10. **“Digital Image Processing”** Proceedings of National Conference on Emerging Technologies and Applications (ETA – 2006), Published by Saurashtra University, Rajkot, 1st and 2nd October 2006
11. **“The Role of Markers in the Watershed Transform”** Proceedings of National Conference on Emerging Technologies and Applications (ETA – 2006), Published by Saurashtra University, Rajkot, 1st and 2nd Oct’06
12. **“Data Mining in Business Applications”** Proceedings of Conference on Applications of Data Mining, Published by Department of Computer Science, Sri Padmavathi Mahila Viswavidyalayam, Tirupati, 24th and 25th Apr’06
13. **“Data Mining on Digital Images”** Proceedings of Conference on Applications of Data Mining, Published by Department of Computer Science, Sri Padmavathi Mahila Viswavidyalayam, Tirupati, 24th and 25th Apr’06
14. **“Social Impact of Data Mining”** Proceedings of Conference on Applications of Data Mining, Published by Department of Computer Science, Sri Padmavathi Mahila Viswavidyalayam, Tirupati, 24th and 25th Apr’06
15. **“OSS/BSS Systems for Business Improvement”** Proceedings of IETE International Conference on Next Generation Networks (ICNGN ‘06), Published by IETE Mumbai Centre, 9th to 11th Feb’06
16. **“Next Generation Networks Customer Service & Marketing”** Proceedings of IETE International Conference on Next Generation Networks (ICNGN ‘06), Published by IETE Mumbai Centre, 9th to 11th Feb’06
17. **“Optical Access”** Proceedings of IETE International Conference on Next Generation Networks (ICNGN ‘06), Published by IETE Mumbai Centre, 9th to 11th Feb’06
18. **“Next Generation Switching Architecture”** Proceedings of IETE International Conference on Next Generation Networks (ICNGN ‘06), Published by IETE Mumbai Centre, 9th to 11th Feb’06
19. **“GIS and Remote Sensing Integration on Watershed Management”** Proceedings of ICORG 2006 Geo-informatics for Rural Development – Achieving Synergy between Technical and Social Systems, published by JNTU, Hyderabad and NIRD, Hyderabad, 5th to 8th Jun’06
20. “**Markers used in the Watershed Transform”** Proceedings of ICORG 2006 Geo-informatics for Rural Development – Achieving Synergy between Technical and Social Systems, published by JNTU, Hyderabad and NIRD, Hyderabad, 5th to 8th Jun’06
21. **“Geo Morphological Mapping Techniques by GPS”** Proceedings of ICORG 2006 Geo-informatics for Rural Development – Achieving Synergy between Technical and Social Systems, published by JNTU, Hyderabad and NIRD, Hyderabad, 5th to 8th Jun’06

***Patents*** **Intellectual Property Australia** 1. ApplicationNumber: 2020101787, Status: FILED & PUBLISHED, Title: DATA SECURITY FOR DISTRIBUTED STREAMING DATA COLLECTION SYSTEM USING PROVENANCE MODEL, Inventor(s): **Dr Sivaram Rajeyyagari**, Mr. Nayyar Ahmed Khan, Mr. Mohammad Ahmad, Mr. Mahammad Nadeem Khalid, Mr. Ahmed Masih Uddin Siddiqi, Mr. Khan Asif Rashid, Mr. Danish Ahamad, Dr. Adbullah Shawan Alotaibi.

 Term of Patent: Patent Granted for the tenure of 8 Years from 12 August 2020**.** http://pericles.ipaustralia.gov.au/ols/auspat/quickSearch.do?queryString=2020101787&resultsPerPage=1. Application Number: 2020101211, Status: FILED & PUBLISHED, Title: LARGE SCALE IoT PILOT STRUCTURE FOR SMART CITY PLAN AND DEVELOPMENT, Inventor(s): Dr Suresh Kallam, Mr Ashok Kumar Munnangi**, Dr Sivaram Rajeyyagari**, Dr. Ramesh Sekaran, Dr Rizwan Patan.

 Term of Patent: Patent Granted for the tenure of 8 Years from 1 July 2020**.**http://pericles.ipaustralia.gov.au/ols/auspat/quickSearch.do?queryString=2020101211&resultsPerPage=**Intellectual Property India**1. Application Number: 202141013761, Status: PUBLISHED on 2nd April 2021, Title: PROCESSOR IMPLEMENTED METHOD FOR WATERMARKING AND CYBER PROTECTION OF DEEP LEARNING MODELS, Inventor(s): Dr C. Kailasanathan, Dr. Balachandran Krishnan, Sujatha A K, Dr. Boppunuru Rudra Prathap, Dr. K. Balasubramanian, Dr. Regonda Nagaraju, Dr. Bhavani Buthukuri, **Dr Sivaram Rajeyyagari**, V Vinay Kumar, Dr. K. Vinayagar, Dr. A. Perumal, Dr. G. Venkatesan. The Patent Office Journal No. 14/2021 Dated 02/04/2021 Page No.17048

https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1\_4965\_1/Part-1.pdf1. Application Number: 202141019150, Status: PUBLISHED on 7th May 2021, Title: A SYSTEM BASED ON NETWORK TO REFINE THE HEURISTIC DATA WITH IMAGE PROCESSING TECHNIQUES, Inventor(s): Dr Mandadi Srinivas, Dr. T. Muthumanickam, Dr. K.S.Raghuram, **Dr Sivaram Rajeyyagari**, Dr. Pankaj Varshney, Dr. Keerthika T, Mr. Abhishek Singhal, Mr. Tarun Jaiswal, Dr. sushma Jaiswal. The Patent Office Journal No. 19/2021 Dated 07/05/2021 Page No.22401

https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1\_4975\_1/Part-1.pdf1. Application Number: 202241007571, Status: PUBLISHED on 25th February 2022, Title: ONLINE DEPRESSION DETECTION USING MACHINE LEARNING, Inventor(s): Dr.R. Nagaraju, Dr. P. Santosh Kumar Patra, Dr.N.Krishnaiah, Kallepalli Rohit Kumar, Prof.Prajakta Ajay Khadkikar, Rajiv Katare, Dr.G.Shivakanth, Dr. V. Sridhar Reddy, **Sivaram** **Rajeyyagari**, K. Samatha, K. Divyavani, R.Anushanjali. The Patent Office Journal No. 08/2022 Dated 25/02/2022 Page No.10940

https://search.ipindia.gov.in/IPOJournal/Journal/Patent**Intellectual Property Germany** 1. ApplicationNumber (IPC): G 06V 20/60, Status: FILED & PUBLISHED, Title: A SYSTEM FOR CROP COUNTING BASED ON ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, Inventor(s): Bhaumik Amiya, Chakrabarti Prasun, Ghantasala G S Pradeep, Mishara Richa, Narayanan Sreekumar, Pai Karnire Baba, **Rajeyyagari** **Sivaram**, Ramadass Sudhir, Subramanian Siva Shanker, Vidyulatha Pellakuri, Vijayalakshmi Sasidhar.

 Term of Patent: Patent Granted for the tenure of 8 Years from 16 May 2022**.** **Textbook** “Computer Networks” with ISBN: 978-93-91373-66-5, published by Shanlax Publications on January 2022. Authors: Dr. Ashok Kumar Munnangi, **Dr. Sivaram Rajeyyagri**, Mr. S. Senthil Pandi https://isbn.gov.in/v2/Recently\_Published\_Books.aspx**Book Chapter:** **Rajeyyagari Sivaram**, Vulapula Sridher Reddy, Regonda Nagaraju, G Prasadu, “An Artificial Network Methodology to Detect Fake Profiles: A Study” in the Book “Disruptive Technology, Industry 4.0, Advances in Management, Information Technology, and Social Science” Published by INSC International Publishers,USA, Volume1-2021. ISBN: 978-1-68576-209-4, 1685762093, Page No. 160-166.https://www.flipkart.com/disruptive-technology-industry-4-0-advances-management-information-social-science/p/itm7e03f47211111?pid=9781685762094 ***Book Publications: (http://www.rphhyd1.com/)***1. Visual Basic Programming
2. Artificial Intelligence and Visual Programming
3. Unix and C
4. Computer Hardware and Maintenance
5. Data Structures through C
6. OOPS Through C++
7. Information Technology and C Language
8. Programming in C++
9. Mobile Computing
10. Embedded Systems
11. Computer Hardware and Networking
12. Operating System
13. Web Designing
14. Advanced Database Management
15. Java Programming
16. Programming Methodology

***Workshops and Trainings Attended***[1] Participated in the training program conducted by the **CyberArk** on “Introduction to CyberArk Privilaged Access Management Course” on April 1st, 2021.[2] Workshop on “Accreditation, Course Credit System and Teaching Methodologies” jointly organized by Ball State University, USA and National Institute of Management and Administration. Kabul, Afghanistan on 23rd to 25th February 2015.[3] Workshop on “Redesigning of Engineering Curriculum in the Context of Outcome Based Learning” organized by JNTUK, Kakinada on 24th and 35th February 2013.[4] An International Program on ”Indo Global Education Summit & Expo 2012” organized by The Indus Foundation Hyderabad on 8th , 9th September 2012.[5] Workshop on ”System Integration: The Microsoft way” organized by Microsoft & IEG/JKC” through MANA TV on 20th February 2009.[6] Faculty Development Program on “Improving Academic Performance in professional institutions” organized by CMIM, Malla Reddy Group of Institutions, Hyderabad, on 14th February 2009.[7] Workshop on “High Impact Teaching Skills” (Mission10X) attested by Dale Carnegie & Associates, Inc. Trainer and Wipro at MLRIT, Dundigal, Secunderabad. 2nd to 6th February 2009.[8] National Information Technological Colloquium (NITC-08) organized by S.V. University, Tirupati 06th to 8th March 2008.[9] National Workshop on “J2EE Technologies” organized by department of MCA, GPR Engg. College, Kurnool, 14th and 15th February 2007.[10] National Workshop on “Embedded Systems and Applications” organized by Department of Electronics and Instrumentation, Sri Krishnadevaraya University, Ananthapur, 8th to 10th March 2006.[11] National Seminar on “Disaster – Prediction, Prevention & Management” organized by ISTE and Bapuji Institute of Engineering & Technology, Davanagere, 15th to 17th December 2005.[12] AICTE – ISTE sponsored Short Term Training Program on “WEB Based Applications” organized by VLB Janaki Ammal Polytechnic College, Coimbatore, 15th to 28th March 2004.[13] National Training Program on “Emerging Technologies for Effective Management of Library Services” jointly organized by DELNET & RGUHS, Bangalore, 8th to 10th July 2002.***Additional Academic Services*** **Ph.D. Supervisor for:** Bhavani Buthukuri (Rg.no.19715130) from Shri Jagadishprasad Jhabarmal Tibrewala University (JJTU) Rajasthan, India in Computer Science & Engineering with the thesis title “Improving and optimizing real time stream data workflow transformation for Big data” and awarded Ph.D. on Feb 2019.https://shodhganga.inflibnet.ac.in/handle/10603/256048 **Advisory Board Member of** “World Academy of Research in Science and Engineering (WARSE)”; <http://warse.org/members.html>)**Editorial Board Member**1. International Journal of Image Processing and Applications

Published by: Serials Publication/International Science Press; ISSN: 0975-8178; Frequency: Bi-annual(<http://www.serialspublications.com/journals1.asp?jid=552>)1. International Journal of Advances in Knowledge Engineering & Computer Science

Published by: Pritham Publications; ISSN: 2277-6923; Frequency: Bi-annual<http://www.prithampublications.com/editorsboard.php?jid=72>1. International Journal of Science & Applied Information Technology (IJSAIT)

Published by: The World Academy of Research in Science and EngineeringISSN: 2278-3083 & GIF: 0.503; Frequency: 6 issues per year (Online Journal)<http://www.warse.org/ijsait.html>1. International Journal of Computing, Communications& Networking (IJCCN)

Published by: The World Academy of Research in Science and EngineeringISSN: 2319-2720 & GIF: 0.465; Frequency: 6 issues per year (Online Journal)http://www.warse.org/ijccn.html 1. International Journal of Wireless Communications& Network Technologies (IJWCNT)

Published by: The World Academy of Research in Science and EngineeringISSN: 2319-6629 & GIF: 0.544; Frequency: 6 issues per year (Online Journal)<http://www.warse.org/ijwcnt.html> 1. International Journal of Advances in Computer Science and Technology (IJACST)

Published by: The World Academy of Research in Science and EngineeringISSN: 2320-2602 & GIF: 0.499; Frequency: 12 issues per year (Online Journal)<http://www.warse.org/ijwcnt.html> 1. International Journal of Computer Science and Business Informatics (IJCSBI)

Published by: IJCSBI.ORGISSN: 1694-2108; Frequency: 6 issues per year (Online Journal)<http://ijcsbi.org/index.php/ijcsbi/about/editorialTeam>1. Kuwait Journal of Science (KJS)

Published by: Academic Publication Council, Kuwait University; ISSN: 2307-41081. International Journal of Academic Research and Development (IJARD), ISSN: 2455-4197; Frequency: 6 issues per year (Online Journal) www.academicsjournal.com/Board

**Program Chair for** 2nd International Conference on Computing, Engineering and Information Technology (ICCEIT 2013), held in The Solitaire Hotel, Bangalore, India during September 20, 2013; http://warse.org/conference/icceit2013/icceit2013-home.htm**Conference Chair** 1. “International Conference on Advances in Computer Science & Engineering (ICACSE 2013)” in Lords Institute of Engineering and Technology, Hyderabad, India , January 7 - 8, 2013
2. “International Conference on Advances in e-Education, e-Government, e- Technology and e-Learning (ICA4E 2013)” PARKROYAL on Kitchener Road, Singapore, April 15-16, 2013; http://warse.org/conference/ica4e/program-commitee.html

**Editorial Advisory Board Member** 1. “Network Security Technologies: Design and Applications” USA and Australia

Release Date: Nov’13; Copyright © 2014; Pages 330([http://www.igi-global.com/pdf.aspx?tid=105794&ptid=78264&ctid=15&t=editorial %20advisory %20board %20and%20list%20of %20reviewers](http://www.igi-global.com/pdf.aspx?tid=105794&ptid=78264&ctid=15&t=editorial%20%20advisory%20%20board%20%20and%20list%20of%20%20reviewers))1. “Mobile Computing Technologies in Emerging Markets: Systems, Applications and Services”

Published by IGI Global; Release Date: Jan’12; Copyright © 2012; Pages 376(<http://www.igi-global.com/pdf.aspx?tid> =79363&ptid= 56034&ctid=15&t=editorial %20advisory %20board)**Review Member** 1. Science Alert ([www.scialert.com](http://www.scialert.com))

International Journal of Computers & Applications, Canada (<http://review.actapress.com>) 1. Journal of Computer Technology & Applications, STM Journals (<http://www.stmjournals.com/index.php?journal=JoCTA>)
2. The Science One

(<http://thescienceone.com>)**Peer Reviewer** for ICMLC 2011, a conference co-sponsored by IEEE, Singapore, February 26-28, 2011; review code: VIP-ICMLC-C00706**Program Committee (PC) Member**1. Fourth International Conference on Computer Science and Its Applications (CIIA 2013), May 4-6, 2013, Saida, Algeria; Published by SPRINGER International Publishing Switzerland 2013, (ISBN 978-3-319-00559-1, ISSN 1860-949X);

<http://ciia2013.lewebpro.net/articles.php?lng=en&pg=2>1. World Congress on Information and Communication Technologies (WICT-2011), Singapore
2. 2nd World Congress on Information and Communication Technologies (WICT-2012), Trivandrum, India
3. International Conference on Computer Applications and Advanced Communications (ICCAAC 2012), Singapore
4. International Conference on Advanced Computing, Engineering & Technology (ICACET 2012), Malaysia
5. International Conference on Computing, Engineering & Information Technology (ICCEIT 2012), Bangalore
6. CFC-IGI-Global-2013, International Conference on Computing, Technology and Engineering (ICCTE 2013) - ISBN : 978-93-5104-634-9 in Dubai, UAE during March 11-12,2013;

www.warse.org/conference/iccte/1. International Conference on Emerging Trends in e-Education, e-Learning, e-Management and e-Business (ICET4E 2013)-ISBN: 978-93-5104-622-6 in Dubai, UAE during March 11-12, 2013; [www.warse.org/conference/icet4e](http://www.warse.org/conference/icet4e)
2. International Conference on Advances in Computer Science and Information Technology (ICACSIT 2013) in Kuala Lumpur, Malaysia during May 9 -10, 2013;

<http://warse.org/conference/icacsit/icacsit-program-committee.html>1. International Conference on Communications, Electrical, Electronics and Computer Engineering (ICEEC 2013), Kuala Lumpur, Malaysia, May 9 -10, 2013;

<http://warse.org/conference/iceec/iceec-home.html>1. International Conference on Computer Science and Information Engineering (ICCSIE 2013), Bangalore, India, May 24, 2013;

<http://warse.org/conference/iceec/iceec-program-committee.html>1. International Journal of Engineering Research and Technology (IJERT). ESRSA Publication. (ISSN: 2278-0181);<http://www.ijert.org/about-us/review-board>
2. 3rd International Conference on Communications, Electrical, Electronics and Computer Engineering (ICEEC 2015), Royal Orchid Sheraton Hotel & Towers, Bangkok, Thailand, May 18, 2015; http://warse.org/conference/iceec/iceec2015/iceec-home.html
3. 2nd International Conference on Computing, Technology and Engineering (ICCTE 2015) Dubai, UAE, November 23-24, 2015

www.warse.org/conference/iccte2015/iccte-home.html***Other Academic Initiatives**** Designed and developed the following websites:
* (www.aids-ahcc.org) and IVRS (1800-425-4357 and 1800-425-5439) for “Akshatha Health Care Centre”, Belgaum, Karnataka (2007-2008)
* (www.smec.ac.in) for SM Engineering College (2008-2009)
* Involved in preparation of the following documents for the Deanship of IT and E-Learning, **Shaqra** **University**
* Strategic Plan 2019-2020
* Information Technology Policy
* Business Continuity Plan
* Digital Transformation Plan
* Data Governance Plan
* Ensuring the software quality assurance Plan
* Secure Software Development Standards
* Software Development Quality and Security Standards
* Information Technology Risk Management
* Standard Operating Procedures for Deanship of IT
* Information Security Awareness Campaign Strategic Plan

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