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Research Area-Image based Query Processing.

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REVIEWER

3 International Journals

BOOKS PUBLISHED

S.No	ISBN	Name of Book	Author Name	Publication
1.	9789386176615	Java and J2EE	Dr.C.S Pillai B.S.Shankunthala	Bonfring, Coimbatore Tamil Nadu ,India
2.	9789386176646	Advanced Computer Architecture	Dr.C.S Pillai S S.T.Kiran Aradhya	Bonfring, Coimbatore Tamil Nadu ,India
3.	9789386176622	Software Engineering	Dr.C.S Pillai A Latha	Bonfring, Coimbatore Tamil Nadu ,India
4.	9789386176608	Information and Network Security	Dr.C.SPillai B.S.Shankunthala	Bonfring, Coimbatore Tamil Nadu ,India
5.	9789386176592	Embedded Computing Systems	Dr.C.SPillai A.Latha	Bonfring, Coimbatore Tamil Nadu ,India
6.	978-93- 6260-052-3	Problem solving and python programming	Dr.C.SPillai Dr.T.Srihari	Charulatha publications chennai Tamil Nadu ,India

RESEARCH DETAILS/Committees Faced.

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LIC/AICTE/NBA/NAAC/ISO/Internal Audit etc.As a HOD-CSE

RESEARCH	
Guided-3 under VTU	Guiding-4 Under VTU
PAPER PUBLISHED	

2008

1. **C.S.PILLAI**, NLTPM-08 A National Level Technical Paper Meet at Sambhram Institute Of Technology, Bangalore. "Design Of Efficient Methodology For Query Processing" 5th April 2008.

2012

2. **C.S.PILLAI**, FCST'12 National Conference On Frontiers Of Computer Science & Technology at rajarajeshwari college of engineering, Bangalore. "Internet Technology in Mobile Data system" 14th Feb 2012.

3. **C.S.PILLAI**, FCST'12 National Conference On Frontiers Of Computer Science & Technology at rajarajeshwari college of engineering, Bangalore. "Dynamic Buffer sizing for 802.11 Based Network" 14th Feb 2012.

4. **C.S.PILLAI**, (RATE 2012) National Conference On recent advances in technology and engineering at T. John institute of technology, Bangalore. "Secure Network Coding Against Traffic Analysis" 21st March 2012.

5. **C.S.PILLAI**, (RATE 2012) National Conference On recent advances in technology and engineering at T. John Institute Of Technology, Bangalore. "Communicating With A Millimeter Computer" 21st March 2012.

6. **C.S.PILLAI**, (cluse-2012) International conference on cloud computing and service engineering at Rajarajeshwari college of Engineering, Bangalore. "Cloud Computing Architecture and Development Trends" 12th April 2012.

2013

7. **C.S.PILLAI**, A Survey of Shape Descriptors for Digital Image Processing, International Journal of Computer Science and Information Technology, & Security, 3(1), February 2013. ISSN: 2249-9555. <http://www.ijcsits.org/vol3no1.htm>. Pages: 44-50.

2014

8. **C.S.PILLAI**, A Framework for Multicloud Environment Services, Int. J. Advanced Networking and Applications Volume: 6 Issue: 3 Pages: 2338-2341 (2014) ISSN : 0975-0290

2015

9. **C.S.PILLAI**, Secured Sharing Of Personal Health Records In Cloud Computing Using Attribute Based Encryption (Abe), ijarcse, Volume: 5 Issue: 2 Pages: 991-996 (2015) ISSN : 2277128X

2016

10. R. Jaya, **C.S. Pillai** and R. Jagadeesh Kannan, "Ontology based Decision Support System for Identifying the Physical Constituents of a Human Body", International Journal of Control Theory and Applications, Volume 9, Number 51, 2016

11.R.Jaya ,**C.S. Pillai** and R. Jagadeesh Kannan,” A Narrative Review of Research on Traditional Indian Medicine and Role of Prakriti in Lifestyle Recommendation “, International Journal of Control Theory and Applications ,Volume 9 , Number 51 , 2016

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12.R.Jaya ,**C.S. Pillai** and R. Jagadeesh Kannan ,”Ontology Based Optimization with Adaptive Network Based Fuzzy Inference System Based Health Maintenance System”, International Journal of Current Research,, Volume 9 , Issue 23 , 2017 .

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13.Shakuntala.B.S., **Pillai.C.S.** “Survey on Techniques of Segmentation” reviewed and accepted by HBRP Publication Journal of Advancement in Parallel Computing
Volume 1 Issue 3 Page 6-11 2018.

<http://hbrppublication.com/OJS/index.php/JAPC/article/view/494/0>

14.Shakuntala.B.S., **Pillai.C.S.** ,”Novel Approach for Segmentation” reviewed and accepted by HBRP Publication Journal of Advancement in Parallel Computing
Volume 1 Issue 3 Page 12-15 2018.

2019

15.R.Jaya , **C.S. Pillai** and R. Jagadeesh Kannan,” Hybrid Fuzzified Fish School Search Based Learning Method For Prakriti Analysis “, Journal of Advanced Research in Dynamical and Control Systems ,Volume11 ,Issue2,Pages1777 ,2019

16..R.Jaya ,**C.S. Pillai** and R. Jagadeesh Kannan (In press),” Query Optimization With Weighted Fish School Search In Ontological Database With Application Of Bioinformatics”, International Journal of Medical Engineering and Informatics ,Special Issue Health Engineering and Informatics ,2019

17.Shakunthala B. S,**C S Pillai**,‘Unconstrained Handwritten Text Line Segmentation for Kannada Language’ reviewed and accepted by the board of ‘Blue Eyes Intelligence Engineering and Sciences Publication’ which has published in ‘International Journal of Innovative Technology and Exploring Engineering (IJITEE)’, ISSN: 2278–3075 (Online), Volume-8 Issue-12, October 2019, Page No.953-956

18. Shakunthala B. S,**C S Pillai**, “Robotic Handwritten Kannada Character-Recognition using Neural Network, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10,pages 2498- 2502 August 2019.

19.Raviprakash M L, **C S Pillai**” Histogram Specification and Kalman Filter with Euclidian distance Technique for identification of Human in the video Surveillance systems” International Journal of Research and Analytical Reviews 2019 IJRAR March 2019, Volume 6, Issue 1 Pages 977- 987.

20. Raviprakash M, **C S Pillai**, Ananda babu J, “Object Recognition using Lucas-Kanade Technique and Support Vector Machine Based Classification in Video Surveillance Systems”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019, Pages 2219- 2224

21. Raviprakash M, **C S Pillai** “REAL TIME OBJECT DETECTION USING CONVOLUTION NEURAL NETWORK BASED CLASSIFICATION IN VIDEO SURVEILLANCE SYSTEMS” International Journal of Recent Scientific Research, Vol. 10, Issue, 10(F), pp. 35536-35541, October, 2019

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22.Shakunthala B S , **Dr.C S Pillai.**,”Deskewing Method for Unconstrained Handwritten Kannada Language Leading to Text line Segmentation and its Skew Estimation”, Solid State Technology Volume: 63 Issue: 2s ,2020.

2021

22.Shakunthala B S, **Dr.C S Pillai.**, “Comparison between kannada and English handwritten word recognition”, Turkish journal of physiotherapy and rehabilitation, August 2021.

23.Shakunthala B S , **Dr.C S Pillai.**,”Comparison between kannada and English handwritten word recognition” international conference on Global convergence in technology, entrepreneurship, computing and value engineering: principles and practices, July 2021.

24.Shakunthala B S, **Dr.C S Pillai.**,”Chaincode processing for handwritten word recognition” international conference on computational intelligence and data science, elsevier February 2021.

25.Shakunthala B S ,**Dr.C S Pillai.**,”Enhanced Text Line Segmentation and Skew Estimation for Handwritten Kannada Document”, Journal of Theoretical and Applied Information Technology, January 2021.

2022

26. Shakunthala B S ,**Dr. C S Pillai.**, “Handwritten character recognition through feature extraction using Artificial Neural Network”, International Conference on VLSI, Communication and Computer Networks, AMCE, Bangalore, 3RD TO 4TH November 2022.

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27..SHAKUNTHALA B S, **Dr. C S PILLAI**, ASHA T K, MALATHI N, “HAND WRITTEN TEXT RECOGNITION BY IMAGE PROCESSING” Journal of Xidian University, VOLUME 17, ISSUE 1, 2023 ISSN No:1001-2400, <https://doi.org/10.37896/jxu17.1/004>

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SCOPUS INDEXED CONFERENCE PAPER

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29.KUMAR S,PILLAI CS ,Security Enhancement and Attack Detection using Humboldt Squid Optimized Extended Paillier AES Encryption Scheme and Guided Attentional GAN over Internet of Things,Journal of Information Systems Engineering and Management
[Vol. 10 No. 18S \(2025\)](#)

30.KUMAR S,**PILLAI CS**, IOT-Based Malware Detection Framework Using Polymorphic AES and Blockchain with Proof of Work Mechanism,Journal of Information Systems Engineering and Management [Vol. 10 No. 33S \(2025\)](#).

2026

31.2 -papers Awaiting for the acceptance from Scopus indexed journal