


| Department of Computer Science and Engineering | | | | | |
|---|---|------------------------|-------------|----------|---|
| Name | Dr. S. Kurshid Jinna | | | |  |
| Date of Birth | 17 th February 1964 | | | | |
| Unique ID | 1419282825 | | | | |
| Educational Qualifications | Professor | | | | |
| Designation | M.E, Ph.D | | | | |
| Email ID | kurshidjinna@gmail.com | | | | |
| Alternate Email ID | kurshidjinna@gmail.com | | | | |
| Experience | Industry | Teaching | Others | Total | |
| | - | 40 Years | - | 40 Years | |
| Date of Joining the Institution | 02.07.2025 | | | | |
| Area of Specialization | | | | | |
| Courses Taught | 1. Object oriented programming 2. Internet of things 3. Big data Analytics 4. Software testing 5. Computer Architecture 6. Fundamentals of computer Programming 7. Information storage Management 8. Computer Networks 9. Digital Electronics | | | | |
| Research Focus | Machine Learning, Deep Learning, Emotion Recognition | | | | |
| Research guidance (Number of Scholars) | - | | | | |
| Subject Competency | 1. Object oriented programming-3 2. Internet of things-2 3. Software testing-2 4. Computer Architecture-4 5. Fundamentals of computer Programming-3 6. Information storage Management-3 7. Computer Networks-4 8. Digital Electronics-2 | | | | |
| No. of papers published | National Journals | International Journals | Conferences | | |
| | - | 18 | 10 | | |
| PG Specialization | Software Engineering | | | | |

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|---|--|
| <i>Ph.D.Specialization</i> | Faculty of Computer Science and Information Engineering |
| <i>ProjectsCarriedout</i> | ReceivergrantofRs.5,00,000fromMSME2.0fortheprojecttitled "IOTandAIbased smartshoppingTrolley" |
| <i>Patents(Filed &Granted)</i> | |
| <i>TechnologyTransfer</i> | - |
| <i>No.ofBookspublished with details (Name of the book,PublisherwithISBN, yearofpublication,etc.)</i> | |

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Academic Credentials

| Level | Degree | Specialization | Name of the College | University | Year of Completion |
|--------------|---------------|--|---|----------------------------|---------------------------|
| UG | B.E | Electronics and Communication Engineering | Thiagarajar College of Engineering | Madurai Kamaraj University | 1981-1985 |
| PG | M.E | Computer Engineering | Veermata Jijabai Technological Institute Matunga Mumbai | University of Mumbai | 1998-2000 |
| Ph.D. | Ph.D | Faculty of Information and Communication Engineering | Alagappa Chettiar Government College of Engineering and Technology, Karaikudi | Anna University Chennai | 2003-2011 |

Details of Journal Publication:

1. A topic on “An enhanced EZW Compression using morphological Dilation” by S.Kurshid Jinna published in the book, “Computational Mathematics” - K. Thangavel, Balasubramaniam”– Hardcover Publisher: MORGAN / CLAYPOOL ISBN-13:9788173196195, cited in amazon.com.

The following papers are published in International Journals:

2. “Lossless Image Watermarking using Lifting Wavelet Transform” S.Kurshid Jinna¹, Dr. L. Ganesan² IJRTE –International Journal of Recent Trends in Engineering , IJRTE Vol. 2, No. 1-6, Nov2009.
3. “Reversible Image Watermarking using Bit Plane Coding and Lifting Wavelet Transform” S. Kurshid Jinna[†], Dr. L. Ganesan^{††} IJCSNS International Journal of Computer Science and Network Security, VOL.9 No.11, November 2009.
4. “Reversible Image Watermarking using Lifting Wavelet Transform and Histogram Shifting” S. Kurshid Jinna¹, Dr. L. Ganesan² IJCSIS International Journal of Computer Science and Information Security, IJCSIS March issue .Vol. 7 No. 3, 2010.
5. “Performance of Reversible Image Watermarking Algorithm using Histogram Shifting under Noisy Conditions” 1S. Kurshid Jinna 2Dr. L. Ganesan 1Professor, Dept of Computer Science & Engineering, PET Engineering College

Vallioor, Tirunelveli, India 2Professor, Dept of Computer Science & Engineering, A.C College of Engineering & Technology, Karaikudi, India, International Journal of Computer Science and Emerging Technologies Published in issue (vol.1, issue 2) August, 2010.

6. "Re-authentication in Wireless Sensor Network. International Journal of Computer Applications" Pon T Selvalingam, Siva Mahalakshmi and Kurshid S Jinna. Article: 55(8):32-41, October 2012. Published by Foundation of Computer Science, New York, USA.
7. "Efficient Rendezvous Points Tracking for Mobility Enabled Wireless Sensor Networks" S. Kurshid Jinna, R. Sahila Devi , M. Anoop published in International Journal of Computer Networking, Wireless and Mobile Communications (IJCNWMC) ISSN 2250-1568 Vol. 3, Issue 1, Mar 2013, 87-94.

The following papers are published in International Conferences.

8. "Reversible image watermarking using Histogram Shifting" S. Kurshid Jinna, Dr. L. Ganesan Accepted for International Conference on Computer Applications, 2010
9. Paper titled "Analysis of Reversible Image Watermarking using Bit Plane Coding and Lifting Wavelet Transform with Attacks"- S. Kurshid Jinna, Dr. L. Ganesan IEEE Communications Society. International Conference on Communication, Control and Computing Technologies (ICCCCT 2010), IEEE International Conference, India. Reference: 978-1-4244-7769-2©2010 IEEE.
10. International Conference on Advances in Computing, Control, and Telecommunication Technologies, 2009 "Wavelet Based Image Compression: a Comparative Study" S.P.Raja, N.Narayanan Prasanth, S.A. Abdul Rahuman, S. Kurshid Jinna, S.P.Princess5 2009 IEEE DOI 10.1109/ACT.2009.139

The following papers are published in National Conferences.

11. Papers titled Reversible Data Hiding –Dual Pair Expansion Method S. Kurshid Jinna , Dr. L. Ganesan in National Conference on "Hi-Tech Trends On Emerging Computational Technologies" in Sethu Institute Of Technology" April 2010
12. Paper titled A Novel Data Hiding Algorithm using Watermarking Based on Histogram S. Kurshid Jinna, Dr. L. Ganesan in the Proceedings of the IETE sponsored National Conference on Communication Computation, Control and Automation in Sri Ramakrishna Institute of Technology, April 2010 pages 209-213.
13. M.M. Gowthul Alam and Dr S. Kurshid Jinna "Data Retrieval from Cluster based System using SSL Backend Forwarding Scheme", National Conference on Emerging Trends in Applications of Computing – NACETAC' 12, 10th Mar 2012, FX Engineering College, Tirunelveli, Tamil Nadu.

14. “ Authentication watermarking in Wavelet Domain with Time stamping” S. Kurshid Jinna, Dr. L. Ganesan in the National Conference on “Computational Intelligence in Computer and Communications-NCCICC’05” in PET Engineering College, Vallioor, 2005.
15. “Efficient Implementation of Blind signature” in the Conference”Computational Intelligence in Computer and Communications NCCICC’05. PET Engineering College, Vallioor, 2005.
16. A paper on “A Memory efficient Image Compression” using Discrete Wavelet Transform in the UGC sponsored National Conference on “RECENT TRENDS IN COMPUTATIONAL MATHEMATICS” held during March 18-19, 2004 at the Gandhigram Rural Institute, Tamil Nadu.
17. Listed and referred in many Springer Research Publications.
18. “A Secure and Reliable watermarking Technique ” P.Agarwal, A.Kumar ICCCS – 2015- ieeexplore.ieee.org ... 1525 of Lecture Notes in Computer Science, (Berlin), pp. 169–190, Springer- Verlag, 1998 ... [33] S. Kurshid Jinna, Dr. L. Ganesan, “Lossless Image WatermarkingUsing Lifting Wavelet Transform”, International Journal of Recent Trends in Engineering, vol-2, No.1, Nov 2009 ...