**NAME : Dr. K. S. Jeyalakshmi** 

**POSITION : Assistant Professor**

**FACULTY OF : Computer Applications**

**EMAIL ID :** [**jeyal2007@gmail.com**](mailto:jeyal2007@gmail.com)

[**jeyalakshmiks@vvvcollege.org**](mailto:jeyalakshmiks@vvvcollege.org)

**LANGUAGES PROFICIENCY**

**READ : Tamil, English & Hindi**

**WRITE : Tamil, English & Hindi SPEAK : TAMIL & ENGLISH**

1. **QUALIFICATION**

| **S. NO.** | **DEGREE / DIPLOMA / CERTIFICATE** | **DISCIPLINE** | **NAME OF THE INSTITUTION** | **YEAR OF PASSING** |
| --- | --- | --- | --- | --- |
| **1.** | **UG** | **COMPUTER SCIENCE** | **N.M.S.Sermathai Vasan College for Women, Madurai** | **1998** |
| **2.** | **PG** | **COMPUTER APPLICATIONS** | **Madurai Kamaraj University, Madurai** | **2001** |
| **3.** | **M.PHIL.** | **COMPUTER SCIENCE** | **Madurai Kamaraj University, Madurai** | **2007** |
| **4.** | **PH.D.** | **COMPUTER SCIENCE** | **Madurai Kamaraj University, Madurai** | **2020** |
| **5.** | **NET** | **COMPUTER SCIENCE & COMPUTER APPLICATIONS** | **UGC, New Delhi** | **2012** |
| **6.** | **SET** | **COMPUTER SCIENCE & COMPUTER APPLICATIONS** | **Bharathiar University, Coimbatore** | **2012** |

1. **TEACHING EXPERIENCE**

| **S. NO.** | **INSTITUTION** | **FROM – TO** |
| --- | --- | --- |
| **1.** | **P.K.N. Arts & Science College, Tirumangalam** | **19.06.2001 – 18.07.2006** |
| **2.** | **N.M.S.S.Vellaichamy Nadar College, Madurai** | **24.07.2006 – 01.08.2022** |
| **3.** | **V.V.Vanniaperumal College For Women, Virudhunagar** | **03.08.2022 – TILL DATE** |

1. **AREAS OF SPECIALIZATION**
   * **PATTERN RECOGNITION**
2. **ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED**

| **S. NO.** | **PROGRAMMES** | **THEME** | **ORGANIZED BY** | **DATE** |
| --- | --- | --- | --- | --- |
| **1.** | **REFRESHER PROGRAM** | **-** | **Gandhigram Rural Institute** | **16.11.2005 – 06.12.2005** |
| **2.** | **ORIENTATION PROGRAMME** | **-** | **MADURAI KAMARAJ UNIVERSITY** | **01.11.2006 – 28.11.2006** |
| **3.** | **ORIENTATION PROGRAMME** | **Effective Teaching** | **N.M.S.S.Vellaichamy Nadar College, Madurai** | **11th August 2007** |
| **4.** | **ORIENTATION PROGRAMME** | **For Science Faculty Members** | **N.M.S.S.Vellaichamy Nadar College, Madurai** | **11th to 14th February 2009** |

1. **FACULTY DEVELOPMENT PROGRAMS ATTENDED**

| **S. NO.** | **NAME OF THE WORKSHOP** | **PLACE** | **DATE** |
| --- | --- | --- | --- |
| **1.** | **“Image Processing Algorithms & its Applications”** | **Department of Master of Computer Applications, KLN College of Engineering, Sivagangai.** | **11th & 12th February 2011** |
| **2.** | **‘Enhancing students engagement, enhancing rigour in learning and value creation through relevance”** | **N.M.S.S.Vellaichamy Nadar College, Madurai.** | **6th February 2010** |
| **3.** | **-** | **Internal Quality Assurance Cell, N.M.S.S.Vellaichamy Nadar College, Madurai.** | **22nd March 2014** |
| **4.** | **Python Programming** | **K.L.N. College of Engineering, Madurai.** | **2nd & 3rd August 2017** |
| **5.** | **Coreldraw** | **Department of Commerce CA, N.M.S.S.Vellaichamy College** | **2nd and 3rd May 2018.** |

1. **NATIONAL/INTERNATIONAL WORKSHOP**

| **S. NO.** | **PROGRAMMES** | **THEME** | **ORGANIZED BY** | **DATE** |
| --- | --- | --- | --- | --- |
| **1.** | **State Level Technical Seminar Cum Workshop** | **"image processing"** | **The Standard Fireworks Rajarathinam College for Women, Sivakasi.** | **16th September 2009** |
| **2.** | **An One Day National Level Workshop** | **“Free and Open Source Software”** | **Department of Computer Applications, N.P.R. Arts and Science College, Natham** | **2nd December 2010** |
| **3.** | **An Two Days Workshop** | **“Image Processing Using MATLAB”** | **Department of ECE, Kamaraj College of Engineering & Technology** | **10th & 11th February 2012** |
| **4.** | **An Two Days Workshop** | **“ASP.Net”** | **VHNSN College, Virudhunagar** | **8th & 9th August 2012** |
| **5.** | **Two Day Workshop** | **“Android Programming”** | **VHNSN College, Virudhunagar** | **20th &21st February 2017** |
| **6.** | **One Day Hands On Training Programme** | **Reference Management Tools for Research Scholars** | **IQAC and Reserve of wings of VHNSN College, Virudhunagar.** | **9th March 2018** |

1. **RESEARCH GUIDANCE**
   * **NO. OF M. PHIL. GUIDED : -**

**M. PHIL. GUIDANCE COMPLETED/ONGOING**

| **S. NO.** | **TITLE OF THESIS** | **STUDENT NAME** | **INSTITUTION** | **YEAR** |
| --- | --- | --- | --- | --- |
|  | **-** |  |  |  |

1. **PAPERS PRESENTED**

| **S. NO.** | **PROGRAMMES** | **ORGANIZED BY** | **DATE** | **PARTICIPATED / PRESENTED** | **TITLE OF THE PAPER** |
| --- | --- | --- | --- | --- | --- |
| **1.** | **Third International Conference, MIKE 2015** | **International Institute of Information Technology (IIIT), Hyderabad, India** | **December 9 - 11, 2015** | **PRESENTED** | **Optimal Core Point Detection Using Multi-scale Principal Component Analysis** |
| **2.** | **17th International Conference on Intelligent Systems Design and Applications (ISDA 2017)** | **South Asian University, Delhi, India** | **December 14-16, 2017** | **PRESENTED** | **Fingerprint Image Enhancement Using Steerable Filter in Wavelet Domain** |
| **3.** | **7 International Conference on CURRENT TRENDS IN ADVANCED COMPUTING** | **Department of Computer Science (PG), , Kristu Jayanti College, Bengaluru** | **March 12 & 13, 2019** | **PRESENTED** | **A Survey of the State-of-the-Art of Fingerprint Classification** |
| **4.** | **7th International Conference, MIKE 2019** | **National Institute of Technology (NIT), Goa, India** | **December 19–22, 2019** | **PRESENTED** | **Haralick Features from Wavelet Domain in Recognizing Fingerprints Using Neural Network** |
| **5.** | **National Seminar on Dynamic Cost Excellence** | **Department of Commerce(Professional Accounting), V.V.Vanniaperumal College, Virudhunagar** | **January 19, 2023** | **PRESENTED** | **A Study on Cost Effectiveness in HEIs through Technology Advancement** |
| **6.** | **One-day National Level Conference on Institutional Values and Best Practices** | **IQAC, V.H.N.Senthikumara Nadar College, Virudhunagar, March 2023** | **March 24, 2023** | **PRESENTED** | **A Generic Approach to Institutional Values and Best Practices of Higher Education Institutions** |
| **7.** | **National Conference on Emerging Issues in Service Sectors (NESS-2023)** | **Department of Commerce, Government Arts College, Sivakasi, April 2023** | **April 06, 2023** | **PRESENTED** | **Impact of Artificial Intelligence On Accounting Profession** |
| **8.** | **One-Day Virtual National Conference on Emerging Trends in Business and Technology** | **Department of Commerce and Management, HKBK Degree College, Bengaluru, May 2023** | **May 27, 2023** | **PRESENTED** | **Perception of Academicians on the Role of Artificial Intelligence in the Accounting Profession** |

1. **PAPERS PUBLISHED**

| **S.**  **NO.** | **NAME OF THE JOURNAL / MAGAZINE / BOOK/PROCEEDINGS** | **TITLE OF THE ARTICLE** | **MONTH**  **/ YEAR** | **VOL. NO.** | **ISS. NO.** | **PAGE NO.** | **ISSN / ISBN/DOI** | **PUBLISHER** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1.** | **Lecture Notes in Computer Science** | **Optimal Core Point Detection Using Multi-scale Principal Component Analysis** | **MIKE 2015** |  | **9468** | **194-203** | **ISBN: 978-3-319-26831-6**  **doi:10.1007/978-3-319-26832-3\_19** | **Springer, Cham** |
| **2.** | **International Journal of Engineering Research and Applications** | **Fingerprint Image Classification using Singular Points and Orientation Information** | **2017** | **7** | **9** | **33-42** | **ISSN:2248-9622** |  |
| **3.** | **Advances in Intelligent Systems and Computing** | **Fingerprint Image Enhancement Using Steerable Filter in Wavelet Domain** | **ISDA 2017** | **Springer, Cham** | **736** | **315-325** |  | **Springer, Cham** |
| **4.** | **Journal of Advanced Research in Dynamical and Control Systems. Institute of Advanced Scientific Research** | **A Survey of the State-of-the-Art of Fingerprint Classification** | **2019** | **11** | **4** | **1593 - 1602** | **ISSN 1943-023X** |  |
| **5.** | **Lecture Notes in Computer Science** | **Haralick Features from Wavelet Domain in Recognizing Fingerprints Using Neural Network** | **MIKE 2019** | **11987** |  | **120-130** |  | **Springer, Cham** |
| **6.** | **NAAC Sponsored Proceedings of the National Conference on "Institutional Values and Best Practices"** | **A Generic Approach to Institutional Values and Best Practices of Higher Education Institutions** | **March 2023** | **First** |  | **182 - 188** | **ISBN No: 978-81-951746-4-5** | **VHNSN College** |
| **7.** | **South India Journal of Social Sciences** | **Impact of Artificial Intelligence On Accounting Profession** | **April 2023** | **XXI** | **18**  **January – June 2023** |  | **ISSN: 0972 – 8945** | **A. P. Academy of Social Sciences** |
| **8.** | **South India Journal of Social Sciences** | **A Study on Cost Effectiveness in HEIs through Technology Advancement** | **May 2023** | **XXI** | **19**  **January – June 2023** |  | **ISSN: 0972 – 8945** | **A. P. Academy of Social Sciences** |

1. **PROJECT UNDERTAKEN**

| **S. NO.** | **TITLE OF PROJECT** | **POSITION** | **SPONSORED BY** | **DATE** | **SANCTIONED AMOUNT** |
| --- | --- | --- | --- | --- | --- |
| **1.** | **An Impact of Artificial Intelligence and Blockchain Technology on the Accounting Profession in Virudhunagar and Madurai District** | **Co-PRINCIPAL INVESTIGATOR** | **VVVC Managing Board** | **March, 2023** | **21,000/-** |