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1. NAME                     : Dr. G. Sujatha

1. QUALIFICATION                : M.C.A.,M.Phil.,Ph.D.,

1. DESIGNATION &DEPARTMENT        : Associate Professor  in Comp.Science

1. AGE & DATE OF BIRTH            :  48 Yrs. 14.7.71

1. SEX                        :  Female

1. PERMANENT ADDRESS             :    -

1. ADDRESS FOR COMMUNICATION    : Dr. G.Sujatha,

 Associate Professor in Computer Science,

                                                          Sri Meenakshi Govt. Arts College for Women(A),

Madurai.

# **8.EDUCATIONAL QUALIFICATION:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **COURSES** | **SUBJECT** | **YEAR OF COMPLETION** | **INSTITUTION** |
| 1. | Ph.D. | Computer Science | 2016 | Madurai Kamaraj University |
| 2. | M.Phil. | Computer  science | 2000 | Mother Teresa University |
| 3. | M.C.A. | Computer Applications | 1994 | Alagappa University |
| 4. | B.Sc. | Physics | 1991 | APSA College, Thirupathur. |
| 5. | UGC Net | Computer Science | 1997 | NA |
| 6. | SLET | Computer Science | 1997 | NA |

Research Work /Experience **:** Completed Ph.D. in Computer Science,

Madurai Kamaraj University on the Topic “**An**

**Architectural Design For Effective Information**

**Retrieval in a Semantic Web”**

  Five scholars Registered.

Recognized Research guide :  yes , **Five scholars Registered.**

Area of Specialization  : Information Retrieval, Big Data Analytics,

Web Mining, Data Mining, Machine Learning

1. **TEACHING EXPERIENCE:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **DESIGNATION** | **PLACE** | **DURATION** | **NO.OF YEARS** |
| 1. | Resource Person | M.K.University | 1994-1996 | 2 |
| 2. | Lecturer | RVS College of Engg. & Tech. | 1996-1998 | 2 |
| 3. | Lecturer  Lecturer (SS) | M.V.M.Govt.Arts College, Dindigul. | 1998-2003  2003-2004 | 6 |
| 4. | Lecturer (SS)  Assistant Professor  Associate Professor | Sri Meenakshi Govt. Arts College for Women, Madurai. | 2004-till date  25.10.2011 | 19 |
| Total Teaching Experience | | | | 29 |

1. **ORIENTATION/REFRESHER COURSES/OTHER PROGRAMMES & TRAINING:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME OF THE COURSE** | **TOPIC** | **PLACE** | **PERIOD** |
| 1. | Orientation | Educational Technology | Bharathidasan University | 25.8.99 – 21.9.99 |
| 2. | Refresher | Educational Technology | Bharathidasan University | 25.2.03 - 17.3.03 |
| 3. | Refresher | Advanced Computing | M.K.University | 22.2.09 – 20.3.09 |
| 4. | Refresher | Recent Trends in advanced computing | M.K.University | 3.12.09 – 23.12.09 |
| 5. | QIP | Computer Science | Fatima College | 17.1.05- 23.5.05 |
| 6. | AICTE Sponsored Staff Development Programme (SDP) | Current Trends in Information Retrieval with Research Perspective | PSG College of Technology, Coimbatore. | 9.5.2011-21.5.2011 |
| 7. | NPTEL Online Certification | Introduction to Modern Application Development | IIT, Chennai | Sep 16 - Oct 2016 |
| 8. | FDP | Best Practices of IQAC-Towards Better Achievement at NIRF and NAAC | NMS SVN College, Madurai. | 19.03.2019 |
| 9. | Faculty Development Programme | Python Programming | ICT Academy, LDC, Madurai. | 26.8.19 -30.8.2019 |

1. **INTERNATIONAL PUBLICATIONS  IN CONFERENCES :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **SEMINAR /CONFERENCE** | **TITLE** | **PLACE** | **PERIOD** |
| 1. | IEEE International Conference | A Ranking Technique with Semantic Relationships of Keywords for Semantic Search in Web. International Conference of Intelligent Information Technology | Anna  University, Chennai. | Dec 11th-13th  2014. |
| 2. | International Conference on Innovations in computer science and Technology | A review of Big Data Clustering Information Retrieval in Health Informatics | Alagappa University | Apr 4th-5th 2016 |
| 3. | International Conference on Challenges and Opportunities on Life Sciences | IoT based intelligent habitat monitoring | Sri Meenakshi Govt. Arts College for Women, Madurai | Apr 5th -6th 2016 |
| 4. | International Conference KMO’16 | Agent based Semantic Internet of Things (IoT) in Smart Health care | Hagen,Germany | July 25-28 2016 |
| 5. | International Conference on Big Data Analytics and Intelligent Technologies | Domain Independent Smart Agent Based Semantic Web of Things | Madurai Kamaraj University, Madurai. | March 1,2 – 2018 |
| 6. | International Conference on Recent Trends in Engineering Science and Management | Anatomizing the Influence of the Screen States and Radio Signaling in Energy Consumption of Smartphone | Reva University, Bengaluru. | 23rd & 24th April 2018 |
| 7. | IEEE International Conference on Advances in Information Technology | Building a Data Mining Based Software Reliability Estimation Model | Adichunchanagiri Institute of Technology, Chikkamagaluru, Karnataka. | 25 - 27, July 2019 |
| 8. | International Conference on Digital Transformation -2020 | Machine Learning Approaches for Air Quality Prediction – A Review | American College Madurai. | 3/5/2020 |
| 9. | AICTE sponsored National level Two Days E-Conference on Machine Learning as a Service for Industries -MLSI 2020 | Air Quality Indexing System-A Review | CMR Institute of Technology, Bangalore | 9/4/2020 |
| 10. | International Conference on Recent Trends and Technologies in Soft Computing(ICRTSC 20) | Deep Learning in Agricultural Domain - A Survey | St. Peter’s Institute of Higher Education and Research Chennai | 9/28/2020 |
| 11. | International Conference on Digital Transformation – 2020 | Machine Learning Approaches for Air Quality Prediction – A Review | American College Madurai. | 3/5/2020 |
| 12. | International Conference on Digital Transformation – 2020 | Deep Learning Approaches for Paddy Disease Recognition and Classification - A Review | American College Madurai. | 3/5/2020 |
| 13. | 4th International E-Conference on Incipient Research in Information Technology, Commerce, Management and Linguistics-2021 | Opinion Mining to Forecase the Demand of Hypermarket using Sentiment Analysis | The Quaide Milleth College for Men in collaboration with Dambi Dollo University, Ethiopia | 17th and 18th September 2021 |
| 14. | International conference on Recent Trends and Advances in Communication Technology and Data Science 2022 | Air Quality Prediction using Machine Learning Feature Extraction | RVS Engineering college, Coimbatore | 14.10.2022 |
| 15. | International Conference on intelligent Computing Systems | A Comparative study on Air Quality Index Classifier using Machine Learning | Mother Teresa University | 28.10.2021 |
| 16. | A Comparative Experiment on Machine Learning based AQI Prediction System | MIKE 2021 (The 8th International Conference on Mining Intelligence & Knowledge Exploration) | Hammamet, Tunisia | 1.11.2021 |
| 17. | A Comparative Study on Machine Learning Based  Classifier Model for Wheat Seed Classification | MIKE 2021 (The 8th International Conference on Mining Intelligence & Knowledge Exploration) | Hammamet, Tunisia | 2.11.2021 |
| 18. | An Experimental Comparison on Machine Learning based Air Quality Prediction | The International Conference on Artificial Intelligence for Sustainable Applications |  | 17.12.2021 |
| 19. | A Comparative Experimental investigation on Machine Learning Techniques for Educational Stress Detection by the impacts of Pandemic Periods(ESDPP) | ICCMMI 2021 Third International Conference on Information Management and Machine Intelligence | Poornima College of Engineering, Jaipur | 23.12.2021 |

**15. PAPERS PUBLISHED IN INTERNAIONAL JOURNALS:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **Journal Level** | **TITLE** | **PLACE** | **PERIOD** |
| 1. | International  Level Journal | A Study on Semantic Search Techniques | International Journal of Computer Science & Emerging Technologies | Feb 2011 Volume 2,Issue 1, |
| 2. | International Journal | An architectural design for effective information retrieval in semantic web. | Expert Systems with Applications  Elsevier, 41(18):8225-8233 | 2014 |
| 3. | International Journal | Semantic News Finder : A Semantic  Retrieval from News Items. | International Journal of Computer  Applications and Information Technology, 6(1):99-107, | June-July 2014 |
| 4. | International Journal | Smart Cloud Environment through  Semantic Retrieval. | International Journal of Engineering Research And  Management (IJERM), | August 2014  1(5):156-160. |
| 5. | International Journal | A review of Big Data Clustering Information Retrieval in Health Informatics | International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) | Vol. 3, Special Issue 20, April 2016 |
| 6. | International Journal | Agent based Semantic Internet of Things (IoT) in Smart Health care | ACM | 2016 |
| 7. | International Journal | A Survey on the Application of Data Mining Techniques for Software Quality Enhancement | International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)  . | Vol 4, Issue 2, February 2017 |
| 8. | International Journal | Big Data: Big Challenges and Opportunities | IAETSD–JARAS  Journal for Advanced Research in Applied Sciences | Vol 5, Issue 3, March 2018 |
| 9. | International Journal | Anatomizing the Influence of the Screen States and Radio Signaling in Energy Consumption of Smartphone | International Journal of Advance Research in Science and Engineering IJARSE | Vol. 7, Special Issue 07, April 2018 |
| 10. | International Journal | Analysis of Radio Resource Energy Consumption Pattern in Cellular Network | International Journal of Computer Sciences and Engineering  E-ISSN: 2347-2693 | Vol.-6, Issue-7, July 2018 |
| 11. | International Journal | Energy Efficient Developments of Smartphone Environment and Cellular Network –Opportunities and Challenges | International Journal of Computer Sciences and Engineering | Vol.-6, Issue-7, July 2018 |
| 12. | International Journal | Study and Analysis of User Interaction Patterns in a Smartphone Environment | International Journal of Innovative Knowledge Concepts (IJIKC) ISSN: 2454-2415 | Vol 6 No 10  October 2018 |
| 13. | International Journal | PS Energy Optimization: A Proposed Model of  Adaptive Radio Connection Management | International Journal of Management, Technology And Engineering | Vol 8, Issue XII, December 2018 |
| 14. | International Journal | Refining Software Code Quality Metrics Extraction in SVS Model | International Journal of Applied Engineering Research ISSN 0973-4562 | Volume 14, Number 20 (2019) pp. 3841-3849 |
| 15 | International Journal | Software metric selection in svs model using feature selection methodologies | International journal of research and analytical reviews   (IJRAR)  E-ISSN 2348-1269, P- ISSN 2349-5138 | Impact factor: 5.75 | | Accepted. |
| 16. | International Journal | Overview On Air Quality Index (AQI) | Journal of the Maharaja Sayajirao University of Baroda  ISSN : 0025-0422 | Volume-54, No.2 (X) 2020 |
| 17. | International Journal | Stress Management Using Machine Learning: A Survey Secrets Revealed | Sambodhi  (UGC Care Journal) | Vol-45 No.-02(XII) : 2021 |
| 18. | International Journal | Deep Learning in Agricultural Domain – A Survey | Journal of the Maharaja Sayajirao University of Baroda  ISSN:0025-0422 | Volume-54, No.2 (V) 2020 |
| 19. | International Journal | Opinion mining to forecast the demand of hypermarket using sentiment analysis: a review | Kanpur Philosophers: International Journal of humanities, Law and Social Sciences, ISSN 2348-8301 (UGC Care Approved, Group I, Peer Reviewed and Referred Journal) | Vol. VIII, Issue No 9 : 2021 |
| 20 | International Journal | A Novel Approach to Identify the Promotion of Sales in Supermarket using Machine Learning Algorithm | International Journal of Business Analytics and Intelligence, Publisher: Publishing India Group, ISSN Number: 2321-1857, | Issue(s) Available: 17  <http://www.publishingindia.com/ijbai/> |
| 21 | Web of  Science | Prediction of Cyberspace Shopper’s Buying Pattern – a Machine Learning Approach | Indian Journal of Natural Sciences www.tnsroindia.org.in ©IJONS | Vol.13 / Issue 71 / April / 2022, ISSN: 0976 – 0997 |

**BOOK CHAPTER PUBLICATIONS :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.NO | BOOK TITLE | CHAPTER NAME | PUBLISHER | PERIOD |
| 1. | Internet of Everything:Smart Sensing Technologies 2022 | IoT Based Machine Learning Approach for Rice Plant Disease Detection | NOVA Publisher | 15.12.2021 |
| 2. | Lecture Notes in Artificial Intelligence | AComparative Experimental Investigation on Machine Learning Based Air Quality Prediction System (MLBAQPS): Linear Regression, Random Forest, AdaBooster Approaches | Springer | Jan 2023 |
| 3. | Lecture Notes in Artificial Intelligence | A Comparative Study on Machine Learning Based Classifier Model for Wheat Seed Classification | Springer | Jan 2023 |
| 4. | Intelligent Computing with Drones and Robotics Technology | Crop and Fertilizer Recommendation System for Sustainable Agricultural Development | NOVA  Publisher | March 2023 |

**NATIONAL PUBLICATIONS:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **SEMINAR /CONFERENCE** | **TITLE** | **PLACE** | **PERIOD** |
| 1. | National Conference | An Efficient Locking Model for Concurrency Control in OODB | National Engr. College, Kovilpatti | 9.2.01-10.2.01 |
| 2. | National Seminar | An Efficient Algorithm for Stenography,- A Complex Model of Cryptography | KSR College, Tiruchengodu | 6.8.05 |
| 3. | National Conference | A Comparative Study on Security Protocols in Wireless Networks | Fatima College | 15.2.08 |
| 4. | National Conference | An Improved Architecture for Semantic Information Retrieval | Arul Anandar College, Karumathur, Madurai. | 10th and 11th March, 2011 |

**STATE LEVEL PUBLICATIONS:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **SEMINAR /CONFERENCE** | **TITLE** | **PLACE** | **PERIOD** |
| 1. | State Level Seminar | An Efficient Indexing Technique for OODB | Vivekananda College, Tiruchengodu | 23.2.07 |

**16. REVIEWER FOR INTERNATIONAL/NATIONAL.STATE LEVEL CONFERENCES:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Conference** | **Title** | **Place** |
| .1. | Preview Expert and Reviewer | MOOCs Course on Data Mining Educational Multimedia Research Centre | Madurai Kamaraj University  May 2019 to July 2019 |
| 2. | Reviewer | 4th International Confernece on Information Management & Machine Intelligence (ICIMMI 2022) | Poornima Institute of Engineering and Technology, Jaipur, India. |

**17. TECHNICAL TALKS DELIVERED:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Resource Person** | **Title** | **Place** |
| 1. | Resource Person  2010 | Data Mining & Semantic Web | Meenakshi  Pioneer College, Poovanthi. 2010 |
| 2. | Resource Person  1.2.2016 | Graphics & C | VVV College for Women, Virudhunagar |
| 3. | Resource Person  9.2.2017 | Information Retrieval | VVV College for Women, Virudhunagar |
| 4. | Resource Person  7.9.2018 | Machine Learning and its Applications | VVV College for Women, Virudhunagar |
| 5. | Resource Person 7.12.18 | Machine Learning | Nadar Saraswathi College of Arts & Science, Theni.` |
| 6. | Resource Person  June 19-20 2020 | Mathematics behind Machine Learning | APA College , Palani. |

**18. SPECIAL AWARDS**

|  |  |  |  |
| --- | --- | --- | --- |
| **SNO** | **AWARD NAME** | **ISSUING AUTHORITY** | **PERIOD** |
| **1.** | **AWARD OF EXCELLENCE IN TEACHING** | **SRI KARUNANDAR CHARITABLE TRUST** | **29.11.2021** |

**18. SEMINAR/ SYMPOSIA / WORKSHOP ATTENTED:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME & LEVELOF THE PROGRAMME** | **TITLE** | **PLACE** | **PERIOD** |
| 1. | State Level | Theme Cantered Interaction, NSS | M.K.University | 12.10.2000 |
| 2. | National Conference | Mobile computing & Data Mining | EMG Yadhava  Womens College | 22.12.05-23.12.05 |
| 3. | National Level | Current Trends in Image Processing & Algorithms | The American College, Madurai. | 22.4.2006 |
| 4. | Technical Seminar | Mobile computing | Dotcom Infoway  Madurai. | 22.7.06 |
| 5. | UGC State Level Seminar | Recent Trends in IT | SVN College Madurai. | 25.9.08-26.9.08 |
| 6. | National Seminar | Recent Trends in Semantic Web and Web Services | Madurai Kamaraj University, Madurai. | 21.08.2009 |
| 7. | National Level | HOMI BHABHA Centenary Year | American College | 30.11.2009 |
| 8. | National Level Seminar | Research Issues in Computer Applications | Sri Meenakshi Govt. Arts College for Women, Madurai | 8.01.2011 |
| 9. | State Level Workshop | Spatial Data Analysis and Mapping using GIS | Sri Meenakshi Govt. Arts College for Women, Madurai | 28.01.2011 &  29.01.2011 |
| 10. | National Level Seminar | Recent Trends in Semantic Web & Knowledge Systems | Velammal College of Engineering & Technology, Madurai. | 11.03.2011 |
| 11. | National Level Workshop | Improving Research Documentation with LaTeX | Madurai Kamaraj University, Madurai. | 23.09.2011 |
| 12. | National Level Workshop | Research Tools and Techniques in Computer Applications | Sri Meenakshi Govt. Arts College for Women, Madurai | 14.02.2013 |
| 13. | International Level | International colloquium on research quality publication | Mother Teresa Women’s University, Kodaikanal | 6th,7th Aug 2014 |
| 14. | National Seminar | Recent Developments in Space Technology and Astrophysics | Sri Meenakshi Govt. Arts College for Women, Madurai | 5.01.2015 |
| 15. | Workshop | Research Methodology in Computer Science & Information Technology | Madurai Kamaraj University, Madurai. | 16.12.2016 |
| 16. | Seminar | Enhancement of Quality of Curricula for Chairpersons and Members of UG/PG BOS | Madurai Kamaraj University, Madurai. | 20.12.2017 |
| 17. | International Level | Machine Learning Algorithms and Implementation Approaches | Madurai Kamaraj University, Madurai. | 1st - 2nd March 2018 |
| 18. | State Level | Research Trends in Machine Learning | Lady Doak College, Madurai. | 28.9.2018 |
| 19. | International Seminar | Bigdata Analytics | Madurai Kamaraj University, Madurai. | 21.2.2019 |
| 20. | Workshop | ICT Enablement in Higher Education | MasterSoft ERP Solutions Pvt. Ltd | 3.05.2019 |

**19. SEMINAR/ SYMPOSIA / WORKSHOP CONDUCTED:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S No** | **NAME & LEVELOF THE PROGRAMME** | **TITLE** | **PLACE** | **PERIOD** |
| 1. | National Level IQAC Seminar | Quality in Higher Education | Sri Meenakshi Government College for Women, Madurai | 22nd &23rd  Feb-2010 |
| 2. | Extension Activity Workshop | Internet & MS Office for Govt. School Children | Sri Meenakshi Government College for Women, Madurai |  |
| 3 | Extension Activity Workshop | Internet & MS Office for  Govt Officials( Asst. Educational officers and Head Masters) | Sri Meenakshi Government College for Women, Madurai |  |
| 4. | National Level | National level UGC Sponsored Seminar on     ” Research issues in Computer Applications” | Sri Meenakshi Government College for Women, Madurai | 8th January 2011 |
| 5. | International Conference | Big data Analytics and Intelligent Technologies | Madurai Kamaraj University | March 1 & 2,2018 |
| 6. | Workshop | Advanced Tools in Computer Science | Department of Computer Science, Sri Meenakshi Govt Arts College for Women (A), Madurai. | 15.03.2016  t o  17.03.2016 |
| 7. | Motivational Seminar | Vetri Mugam Malarattum | IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai. | 17.09.2018 |
| 8. | State Level Exhibition as IQAC Co-Ordinator | College Connect with Society | IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai. | 4.10.18 &  5.10.18 |
| 9. | QIP as IQAC Co-Ordinator | ICT Enabled Training on Teaching and Learning Tools | IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai. | 12.01.19 |
| 10. | Awareness Programme as IQAC Co-Ordinator | Udalae  Maruthuvar and Unavae Marandhu | IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai. | 22.01.19 |
| 11. | Awareness Programme as IQAC Co-Ordinator | Cyber Crime Issues and Cyber Security | IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai. | 23.01.19 |
| 12. | Orientation Training  as IQAC Co-Ordinator | Unlock Your Potential | IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai. | 2.2.19 |
| 13. | Orientation  as IQAC Co-Ordinator | Twenty First Century Teachers Trait | IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai. | 2.2.19 |
| 14. | National Level Seminar  Acted as Organizing Secretary | Artificial Intelligence and the Future of IT in Machine Learning Age | Department of Computer Science, Sri Meenakshi Govt Arts College for Women (A), Madurai. | 1.4.19 |
| 15. | State Level Seminar  Acted as Convenor | Opportunities and Challenges in the Emerging Spaces in the Higher Education | IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai. | 4.9.19 |

**20. GUIDANCE FOR M.Phil. :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME OF THE STUDENT** | **TITLE** | **UNIVERSITY** | **YEAR** |
| 1. | J.Lourdhu  Xavier | Database Monitoring –  A Novel approach | Manonmaniam Sundaranar University | 2003 |
| 2. | P.Kavitha Devi |  | Bharathidasan University | 2003 |
| 3. | M.R.Sudha | S/W Architectural Design of Agent Based Specs | Mother Teresa University | 2004 |
| 4. | K.P.Ghanesh | An Efficient Algorithm for Steganography | Manonmaniam Sundaranar University | 2005 |
| 5. | T.V.Thivya Sindhu | Data Preprocessing for Efficient Classification | Bharathidasan University | 2007 |
| 6. | K.Kavitha | Indexing technique for OODB | M.K.University | 2007 |
| 7. | R.Baby Muniarathnam | A Survey on Semantic Web Mining | M.K.University | 2008 |
| 8. | Kathir | Neural Networks | Vinayaka Mission University | 2006 |
| 9. | Vani |  | M.K.University | 2008 |
| 10. | Sudha Mythili |  | M.K.University | 2009 |

**21. OTHER RESPONSIBIITIES HOLD IN SERVICE (CURRENT/ PREVIOUS):**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **NAME OF THE SERVICE/COMMITTEE** | **PLACE** | **PERIOD** |
| 1. | Admission committee | MVM,SMGAC | 1998-2004  2004-2006,  2008-2010,  2017-2019 |
| 2. | NSS Programme Officer | MVM,  SMGAC | 2000,  2006 |
| 3. | UGC X Plan Committee | MVM | 2004 |
| 4. | Discipline Committee | SMGAC | 2004-2009 |
| 5. | Curriculum Development Committee | SMGAC | 2004-2009 |
| 6. | PART IV D Coordinator CBCS | SMGAC | 2004-2009 |
| 7. | Placement Officer | SMGAC | 2006-2009 |
| 8. | Library In charge – PG | SMGAC | 2004-2007 |
| 9. | UG System In charge | SMGAC | 2007-2009 |
| 10. | Board of Studies | SMGAC | 2005-2007  2015-2016 |
| 11. | CLP Committee Member | SMGAC | 2006-2008 |
| 12. | Techblog Intercollegiate Completions | SMGAC | 2007-2009 |
| 13. | Extension Activity | SMGAC | 2009-2010 |
| 14. | PG System Incharge | SMGAC | 2010-2013 |
| 15. | UG Library Incharge | SMGAC | 2013-2016 |
| 16. | NAAC Peer team Member SSR Preparation | SMGAC | 2014 |
| 17. | End Semester Examination Chief Superintendent | SMGAC | April 2015 |
| 18. | Valuation Coordinator | SMGAC | Nov 2015 |
| 19. | Net Committee Coordinator | SMGAC | 2015-2017 |
| 20. | IQAC Coordinator | SMGAC | 2017-2021 |
| 21. | NIRF Nodal Officer | SMGAC | 2017-2020 |
| 22. | Pudhumai Penn Scheme Phase II Nodal Officer | SMGAC | 2021-tilldate |

**22. OTHER RESPONSIBILITIES HOLD IN OTHER INSTITUTIONS:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **NAME OF THE SERVICES/COMMITTEE** | **PLACE** | **PERIOD** |
| 1. | Examination Board | MKU, MTU,Bharathiyar University, Bharathidasan University, Madura College, Fatima Colleges College, ANJA College, SFR College, The American College, VVV College, Chandrasekara University, Yadhava College, Gandhigram University | 1998 – till date |
| 2. | Board Of Studies  Subject Expert    Subject Expert  Member  University Nominee | Fatima College, Yadhava College, Sourashtra College  E.M.G. Yadava Women’s College, Madurai.    Madurai Kamaraj Uinversity  Ayya Nadar Janaki Ammal College, Sivakasi.  Yadhava Women’s College, Madurai.  GTN College Dindigul  Mannar Thirumalai Nayakar College Madurai | 2017    27.12.2018    2018 to Tilldate  31.7.2018 to 30.7.2020  2019 to 2022 |
| 4. | Interview Panel | Pannikadu Veerammal Paramasivam College | 2006 |
| 5. | Selection Committee for Assistant Professor | Thiagarajar College, Madurai. | 5.06.2019 |
| 6. | External Academic Audit | GTN College Dindigul | 2019-2020 |

## DECLARATION

I hereby declare that all the information provided above are true to my knowledge.

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# Dr. G.SUJATHA

**Papers Presented in National and International level**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.NO | SEMINAR  /CONFERENCE | TITLE | PLACE | PERIOD |
| 1. | International Conference on Digital Transformation | Machine Learning Approach for Air quality prediction | American College, Madurai | March 5th- 6th,2020 |
| 2. | International Conference on Digital Transformation | Deep Learning Approach for paddy disease Recognition and Classification – A review | American College, Madurai | March 5th- 6th,2020 |
| 3. | IEEE International Conference on Advances in Information Technology | Building a Data Mining Based Software Reliability Estimation Model | Adichunchanagiri Institute of Technology, Chikkamagaluru, Karnataka. | 25 - 27, July  2019 |
| 4. | International Conference on Recent Trends in Engineering Science and Management | Anatomizing the Influence of the Screen States and Radio Signaling in Energy Consumption of Smartphone | Reva University, Bengaluru. | 23rd & 24th April 2018 |
| 5. | International Conference on Big Data Analytics and Intelligent Technologies | Domain Independent Smart Agent Based Semantic Web of Things | Madurai Kamaraj University, Madurai. | March 1,2 –  2018 |
| 6. | International Conference KMO’16 | Agent based Semantic Internet of Things (IoT) in Smart Health care | Hagen,Germany | July 25-28 2016 |
| 7. | International  Conference on Challenges and | IoT based intelligent habitat monitoring | Sri Meenakshi  Govt. Arts College for Women, | Apr 5th -6th 2016 |

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| --- | --- | --- | --- | --- |
|  | Opportunities on Life Sciences |  | Madurai |  |
| 8. | International Conference on Innovations in computer science and Technology | A review of Big Data Clustering Information Retrieval in Health Informatics | Alagappa University | Apr 4th-5th 2016 |
| 9. | IEEE International Conference | A Ranking Technique with Semantic Relationships of Keywords for Semantic Search in Web. International Conference of Intelligent Information Technology | Anna  University, Chennai. | Dec 11th-13th 2014. |
| 10. | National Conference | An Improved Architecture for Semantic Information Retrieval | Arul Anandar College, Karumathur, Madurai. | 10th and 11th March, 2011 |
| 11. | National Conference | A Comparative Study on Security Protocols in Wireless Networks | Fatima College | 15.2.08 |
| 12. | State Level Seminar | An Efficient Indexing Technique for OODB | Vivekananda College, Tiruchengodu | 23.2.07 |
| 13. | National Seminar | An Efficient Algorithm for Stenography,- A Complex Model of Cryptography | KSR College, Tiruchengodu | 6.8.05 |
| 14. | National Conference | An Efficient Locking Model for Concurrency Control in OODB | National Engr. Colleg Kovilpatty | 9.2.01-  10.2.01 |
| 15. | International Conferences on Intelligent Computing Systems | A Comparative Study on Air Quality Index classifier using  Machine Learning Classification Techniques |  | 2021 |
| 16. | The International Conference on “Artificial Intelligence For Sustainable Application” | An Experimental Comparison on Machine Learning Based Air Quality Prediction System: Lasso Regression, Random Forest, Support Vector Regression | `` | 2021 |
| 17. | International Conference on ICIMMI 2022 | A Comparative Experimental Investigation on Machine Learning  Techniques for Educational Stress Detection by the Impacts of Pandemic Periods (ESDPP) | Pornima college of Insitute and Technology | 2021 |
| 18. | MIKE'21 | A Comparative Study on Machine Learning Based  Classifier Model for Wheat Seed Classification |  | 2021 |
| 19. | "4th International E-Conference on Incipient Research in Information Technology, Commerce, Management and Linguistics-2021" Organized by The Quaide Milleth College for Men (Shift – II) & Internal Quality Assurance Cell, Medavakkam, Chennai, India  Collaboration with Dambi Dollo University, Dambi Dollo, Oromia Region, Ethiopia | Opinion mining to forecast the demand of hypermarket using sentiment analysis: a review |  | 2021 |
| 20 | International Conference on Recent Trends in Artificial Intelligence 2021 | A Novel Approach to Identify the Promotion of Sales in Supermarket using Machine Learning Algorithm" | Adi Shankara Institute of Engineering and Technology, Kalady | 2021 |
| 21 | International Conference on Science & Technology Computational Intelligence | Prediction of Cyberspace Shopper’s Buying Pattern – a Machine Learning Approach | Kristu Jayanti College, Bangaluru | 2022 |