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#  A person wearing glasses  Description automatically generated with low confidenceBIODATA

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. | LecturerLecturer (SS) | M.V.M.Govt.Arts College, Dindigul. | 1998-20032003-2004 | 6 |
| 4. | Lecturer (SS)Assistant ProfessorAssociate Professor | Sri Meenakshi Govt. Arts College for Women, Madurai. | 2004-till date25.10.2011 | 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 | AnnaUniversity, 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 BasedClassifier 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 ApplicationsElsevier, 41(18):8225-8233 | 2014 |
| 3. | International Journal | Semantic News Finder : A SemanticRetrieval from News Items. | International Journal of ComputerApplications and Information Technology, 6(1):99-107,  | June-July 2014 |
| 4. | International Journal | Smart Cloud Environment throughSemantic Retrieval.  | International Journal of Engineering Research AndManagement (IJERM),  | August 20141(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–JARASJournal 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 ofAdaptive 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 BarodaISSN : 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 BarodaISSN: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 | NOVAPublisher | 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 UniversityMay 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 Person2010 |  Data Mining & Semantic Web | Meenakshi  Pioneer College, Poovanthi. 2010 |
| 2. | Resource Person1.2.2016 | Graphics & C | VVV College for Women, Virudhunagar |
| 3. | Resource Person9.2.2017 | Information Retrieval | VVV College for Women, Virudhunagar |
| 4. | Resource Person7.9.2018 | 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 PersonJune 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 YadhavaWomens 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 InfowayMadurai. | 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 &23rdFeb-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 o17.03.2016 |
| 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 Trainingas 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 SeminarActed 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 SeminarActed 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 | 1998-20042004-2006,2008-2010,2017-2019 |
| 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 | 2005-20072015-2016 |
| 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 StudiesSubject ExpertSubject ExpertMemberUniversity Nominee | Fatima College, Yadhava College, Sourashtra CollegeE.M.G. Yadava Women’s College, Madurai.Madurai Kamaraj UinversityAyya Nadar Janaki Ammal College, Sivakasi.Yadhava Women’s College, Madurai.GTN College DindigulMannar Thirumalai Nayakar College Madurai | 201727.12.20182018 to Tilldate31.7.2018 to 30.7.20202019 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, July2019 |
| 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. | InternationalConference on Challenges and | IoT based intelligent habitat monitoring | Sri MeenakshiGovt. Arts College for Women, | Apr 5th -6th 2016 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 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 | AnnaUniversity, 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 usingMachine 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 LearningTechniques 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 BasedClassifier 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 |