

Department of Information Technology

| S.No | Name of the Supervisor & Department | Supervisor No | Name of the Scholar | Date of Registration | Name of the University | Full Time / Part Time | Title of Research | Name of the Organization (if scholar is employed) | Pursuing / Completed (Month & Year) |
|------|---|---------------|-----------------------|----------------------|-----------------------------|-----------------------|---|---|-------------------------------------|
| 1. | Dr.J. Akilandeswari Professor & HOD / Information Technology | 2741005 | Ms. Sathiyapriya V | July 2023 | Anna University, Chennai | Part Time | Artificial Intelligence based Clinical Decision Support System | Knowledge Institute of Technology | Pursuing |
| 2. | | | Mr. Krishna Prakash R | July 2023 | Anna University, Chennai | Part Time | Machine Learning Approaches For Optimized Disease Diagnosis Combining Structured, Semi-Structured And Unstructured Knowledge Base | Sona College of Technology | Pursuing |
| 3. | | | Mr. Velusamy A | January, 2023 | Anna University, Chennai | Part Time | Optimized Machine Learning Model for Real-Time Fall Prediction using Wireless Sensor based Gait Analysis | Sona College of Technology | Pursuing |
| 4. | | | Ms. J. Deepika | January 2021 | Anna University, Chennai | Part Time | Experimental Analysis of efficacy among machine learning computational techniques | Sona College of Technology | Pursuing |
| 5. | | | Mr. A. Naveen Kumar | July 2019 | Anna University, Chennai | Part Time | Design of an effective algorithm for object detection in an automated navigation system` | Sona College of Technology | Pursuing |

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| 6. | | Ms. R.Sangeethapriya | June 2017 | Anna University, Chennai | Part Time | Detection on of forest fire using Data mining and wireless sensor Networks | Sona College of Technology | Pursuing |
| 7. | | Mr. M. Marimuthu | June 2017 | Anna University, Chennai | Part Time | Design and Development of an Automated Cloud Brokerfor Recommending Trustworthy Services | VIT Chennai | Completed Mar - 2023 |
| 8. | | Ms. G. Sumathi | July 2012 | Anna University, Chennai | Part Time | An efficient web ontology post processing algorithm in data mining for query recommendation in health care sector | Muthayammal Engineering College | Completed Jan - 2022 |
| 9. | | Mr. A.Prabhu | July-2012 | Anna University, Chennai | Part Time | A hybrid approach for data security in cloud data centres | Jain University, Bengaluru | Completed Dec- 2021 |
| 10. | | Mr. J. Dhayanithi | January 2012 | Anna University, Chennai | Part Time | An evolutionary computing framework to cluster heterogenous data by incorporating fusing of attributes based on importance | Sona College of Technology | Completed July- 2020 |
| 11. | | Ms. S. Anita Elavarasi | April 2008 | Anna University, Chennai | Part Time | Clustering categorical data by integrating data centric and data association approach | Sona College of Technology | Completed Aug- 2016 |
| 12. | | Ms. R. Subhashini | April 2008 | Anna University, Chennai | Part Time | A hybrid approach to rank ontologies for reuse | Sona College of Technology | Completed Sep - 2016 |
| 13. | | Ms. V. Anitha | Sep 2009 | Anna University, Chennai | Part Time | Self-adaptive secure and stable associativity based routing protocols for MANET | Fairleigh Dickinson University, Vancouver | Completed Sep - 2015 |

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| 14. | | | Mr. Pon Harshavardhanan | Oct 2009 | Anna University, Chennai | Part Time | Design of methods for discovery, selection, matching and composition of web services | VIT Bhopal | Completed Sep - 2018 |
| 15. | | | Ms. R.Subatra | January-2012 | Anna University, Chennai | Part Time | Human authentication using biometric gaits | SNS College of Engineering | Completed Sep - 2014 |
| 16. | Dr.V. Mohanraj Professor / Information Technology | 2340199 | Mr. Parameswari M | July 2023 | Anna University, Chennai | Part Time | Integration of Deep Learning Model and Cross Domain Knowledge to Alleviate Cold Strat Problem in Recommender System | Knowledge Institute of Technology, Salem | Pursuing |
| 17. | | | Mr. Galeebathullah B | July 2023 | Anna University, Chennai | Part Time | Task Scheduling for improving the user experience in edge computing | Madanapalle Institute of Technology & Science, | pursuing |
| 18. | | | Mr. Selvanathan N | July 2023 | Anna University, Chennai | Part Time | Developing an NLP based algorithm to evaluate communication skills and provide recommendation for improvement. | Sona College of Technology | Pursuing |
| 19. | | | Ms. Lydia D.Issac | July 2022 | Anna University, Chennai | Part Time | Enhancing QoS in IOT Ecosystem by using a framework of adaptive intelligence and software defined networks | Sona College of Technology | Pursuing |
| 20. | | | Mr. S. David Samvel Azariya | July 2016 | Anna University, Chennai | Part Time | A Mathematical Model for Data pre-processing and visualization | Sona College of Technology | Pursuing |
| 21. | | | Ms. N.Jagadesswari | January | Anna University, | Part Time | Performance | Thanthai | Pursuing |

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| | | | | 2015 | Chennai | | Optimization using Modified Static Memory Deduplication in Cloud Computing | Periyar Government Engineering College, Vellore | |
| 22. | | Ms. D.Vidhyabarthi | January 2015 | Anna University, Chennai | Part Time | Enhancing Generalization of Deep Learning Models With Adaptive Teaching Learning Optimization Technique and T-HTR Learning Rate Scheduler | Sona College of Technology | Completed 2023 | |
| 23. | | Ms. K. Saraswathi | January 2016 | Anna University, Chennai | Part Time | A Hybridized Deep Learning Model for Enhancing Accuracy of Recommendation System by Eliminating Cold Start Issue and Biased Reviews on Products | Government College of Engineering, Salem | Completed 2023 | |
| 24. | | Mr. S.Sivanantham | July 2014 | Anna University, Chennai | Part Time | Association Rule Based Classifier with Novel Interest Measure for Intrusion Detection | Saveetha School of Engineering , Chennai | Completed 2023 | |
| 25. | | Mr. M.Hemakumar | July 2014 | Anna University, Chennai | Part Time | Real time two hop neighbour strategic localized routing with class based blockchain encryption standard for improved security in WSN | Sona College of Technology | Completed 2022 | |
| 26. | | Mr. D.Karthikeyan | July 2014 | Anna University, Chennai | Part Time | Ensemble wrapper filter based feature selection and stacking model with significant rule power | IT ,VIT,Vellore | Completed 2022 | |

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| | | | | | | | factor classifier for intrusion detection system | | |
| 27. | | | Ms. S.Anusha | January 2015 | Anna University, Chennai | Full Time | Enhancing quality of service in wireless sensor network by using forager bees intelligence based cognitive spectrum sensing and allocation | Entrepreneur | Completed 2022 |
| 28. | | | Mr. G.Mohanraj | January 2015 | Anna University, Chennai | Part Time | A hybrid deep learning model for predicting and targeting the less immunized area to improve childrens vaccination rate | VIT, Vellore | Completed 2021 |
| 29. | | | Mr. M.Venkatesh | July 2014 | Anna University, Chennai | Part Time | A best first gradient based distributed decision tree model for accurately predicting location based services from user activity | Entrepreneur | Completed 2021 |
| 30. | | | Mr. B.Saravanan | July 2015 | Anna University, Chennai | Part Time | Improving accuracy of online recommendation system using fuzzy entropy based dimensionality reduction and deep learning model with feature selection | Sona College of Technology | Completed 2020 |
| 31. | | | Mr. V. Saravanan | July 2010 | Anna University, Chennai | Part Time | A cooperative vertical and horizontal handoff for enhancing QOS in WIMAX/WLAN overlay | K.L University, Andhra Pradesh | Completed 2018 |

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| | | | | | | | network | | |
| 32. | Dr. J. Senthilkumar Professor / Information Technology | 2140321 | Ms. Theetchenya S | July 2022 | Anna University, Chennai | Part Time | Medical Image Analytics Using Machine Learning Techniques For Disease Identification | Sona College of Technology | Pursuing |
| 33. | | | Mr. Murali Kalipindi | July 2022 | Anna University, Chennai | Part Time | Performance Analysis Of Power Domain Noma With Machine Learning Approach In Wireless 5G Communications | Vijaya institute of technology for women | Pursuing |
| 34. | | | Mr. Tirupatirao Kalipindi | July 2022 | Anna University, Chennai | Part Time | Machine Learning Based Heart Disease Prediction | Praveenya Institute of Marine Engineering College | Pursuing |
| 35. | | | Ms. Janani I | July 2021 | Anna University, Chennai | Part Time | Swarm Intelligence Algorithm For Hyper parameter Optimization In Deep Learning Models | Sona College of Technology | Pursuing |
| 36. | | | Ms. Jini K M | January 2021 | Anna University, Chennai | Full Time | Utilization of Adaptive K- Harmonic Means Clustering and Trust Establishment in VANETs | - | Pursuing |
| 37. | | | Mr. Gowrishankar R | January 2021 | Anna University, Chennai | Part Time | Swarm Intelligence Algorithm For Hyper parameter Optimization In Deep Learning Models | Dhaanish Ahmed Institute of Technology | Pursuing |
| 38. | | | Mr. Prasad B | January 2019 | Anna University, Chennai | Part Time | Implementation Of Compiled Optical Sensor Unit For Algae Cultivation | Sona College of Technology | Pursuing |

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| 39. | | Mr. J. Gokulraj | January 2016 | Anna University, Chennai | Part Time | Data prediction approaches for efficient data transmission using optimized Leibler distance matrix-based data aggregation in wireless sensor network | - | Pursuing |
| 40. | | Mr. S.Richard willilium | July 2015 | Anna University, Chennai | Part Time | Powerful Organizing Of Different-Purpose Based Combined Task in Cloud Computing | Er.Perumal Manimekalai college,Sulagiri | Pursuing |
| 41. | | Ms. M.Tamilselvi | Jan 2015 | Anna University, Chennai | Part Time | Swarm Intelligence-based Optimized Adaptive Filtering Technique for ECG Data Analysis System | - | Pursuing |
| 42. | | Ms. M.S usaritha | July 2014 | Anna University, Chennai | Part Time | Design and analysis of High performance FinFET-based Linear Feedback Shift Register | Sona College of Technology | Pursuing |
| 43. | | Mr. C. Karthikraja | July 2014 | Anna University, Chennai | Full Time | An empirical intrusion detection system based on XGBoost and bidirectional long-short term model for 5G and other telecommunication technologies | - | Pursuing |
| 44. | | Mr. B. Ramesh | January 2014 | Anna University, Chennai | Part Time | Filter Bank Multicarrier Based Generalized Discrete Fourier Transform for Peak to Average Power Ratio | Annapoorna Engg college, Salem | Completed 2022 |

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| | | | | | | Reduction | | |
| 45. | | Mr. S.Aravind | July 2015 | Anna University, Chennai | Part Time | Solving minimal exposure path problem for improving the coverage in wireless sensor network using swarm intelligence based optimization approaches | KL University | Completed 2020 |
| 46. | | Ms. S.Roshni | January 2015 | Anna University, Chennai | Part Time | Advertisement valid time triggered firefly and fruitfly inspired approach for efficient cluster information and standby CH selection in hierarchical wireless sensor network | Vidhya Vikas College of Eng and Technology, Thirucengodu | Completed 2021 |
| 47. | | Ms. M.Lakshmi | July 2010 | Anna University, Chennai | Part Time | Optimized Vector Quantization for Bayer color filter array using modified bees foraging intelligence | Government polytechnic, Krishnagiri | Completed 2016 |
| 48. | | Mr. P.Iyyanar | January 2012 | Anna University, Chennai | Part Time | An effective and secure scheme for real time video streaming based on modified secure real time transport protocol using AES - CFB mode | Sona College of Technology | Completed 2017 |
| 49. | | Mr. T.Parithimar Kalingnan | July 2011 | Anna University, Chennai | Part Time | Power quality enhancement by minimizing current harmonics using soft | AMS college of Engg | Completed 2015 |

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| | | | | | | | computing based shunt active and hybrid filters | | |
| 50. | Dr. J. Jeba Emilyn Associate Professor / Information Technology | 2840097 | Ms. Kruthika P | July 2023 | Anna University, Chennai | Part Time | A Progressive Gesticulation Model with Adaptations for finger spelling using Natural Language processing and Machine Translation | Sona College of Technology | Pursuing |
| 51. | | | Ms. Vanathi P | July 2023 | Anna University, Chennai | Part Time | Efficient Cluster based Optimal Target Identification using FSN in Smart Farming | Adhiyamaan College of Engineering | Pursuing |
| 52. | | | Mr. Aldo Stalin J L | July 2023 | Anna University, Chennai | Part Time | Exploring the potential of BCI(Brain Computer Interface) data for understanding and managing Autism in children | Sona College of Technology | Pursuing |
| 53. | | | Mr. Murali M | July 2021 | Anna University, Chennai | Part Time | Security challenges in Pervasive Computing | Sona College of Technology | Pursuing |
| 54. | | | Mr. M.Ashok Kumar | January 2017 | Anna University, Chennai | Part Time | On the selection of intrusion detection systems for wireless sensor networks | Adhiyamaan College of Engineering | Pursuing |
| 55. | | | Mr. V.Murugan | July 2017 | Anna University, Chennai | Part Time | Deep learning of water quality and biodiversity using Internet of Things | Trichy Engineering College | Pursuing |
| 56. | | | Mr. P. Ramesh | July 2017 | Anna University, Chennai | Full Time | Hybrid Machine Learning Techniques for Predicting Customer chum | Sastra Deemed University | Completed Nov-2022 |

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| 57. | | | Mr. S. Anguraj | July 2011 | Anna University, Chennai | Part Time | A Novel optimal soft computing algorithms based data hiding in audio for steganography applications | KSR College of Engineering | Completed June - 2020 |
| 58. | Dr.R.Vijayarajeswari Associate Professor / Information Technology | 3440024 | - | - | - | - | - | - | - |