

Dr. Mahalingam College of Engineering and Technology, Pollachi-642 003

(An Autonomous Institution)

Office of Dean -Research & Innovation

PhD Completed Scholar Details

April 2024

| S.No. | Name of the Department | No. of Completed Scholars |
|--------------|---|----------------------------------|
| 1. | Department of Automobile Engineering | 4 |
| 2. | Department of Civil Engineering | 4 |
| 3. | Department of Mechanical Engineering | 10 |
| 4. | Department of Mechatronics | 1 |
| 5. | Department of Information Technology | 10 |
| 6. | Department of Computer Science and Engineering | 9 |
| 7. | Department of Artificial Intelligence and Machine Learning and Cyber Security | 1 |
| 8. | Master of Computer Applications | 3 |
| 9. | Department of Electronics and Communication Engineering | 9 |
| 10. | Department of Electrical and Electronics Engineering | 19 |
| 11. | Department of Electronics and Instrumentation Engineering | 2 |
| 12. | Department of Science and Humanities | 15 |
| | Total | 87 |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------------------------------|--|---|--|--|
| Automobile Engineering | | | | |
| 1. | Dr.S.K. Ashok, Assistant Professor(SG), Auto, MCET | Dr. R.Ravindran, Professor, Mechatronics Engineering, Akshaya College of Engineering & technology, Kinathukadavu, Coimbatore. | Reg.No.:71110331004 Year of Reg.: 2011 University: Anna University Year of Completion:2020 | Investigation on mechanical and corrosion characteristics of friction stir welded aluminum alloy AA2014-T6 Plates |
| 2. | Dr.M. Thirunavukkarasu Associate Professor, Auto, MCET | Dr. R.Ravindran, Professor, Mechatronics Engineering, Akshaya College of Engineering & technology, Kinathukadavu, Coimabtoe. | Reg.No.: 71110331084 Year of Reg.: 2011 University: Anna University Year of Completion:2019 | Synthesis of cracked vegetable oil using catalyst for diesel engine application |
| 3. | Dr. K.Sakthi vadivel, Associate Professor, Department of Mechanical Engineering, Builders Engineering College, Nathakkadaiyur, Kangeyam | Dr. P.Govindasamy Principal & Prof., MCET. | Reg.No.: 71110331053 Year of Reg.: 2011 University: Anna University Year of Completion:2019 | Investigation on the performance of cellulose filled polyester hybrid composite reinforced with treated Acacia and Cactus fibers |
| 4. | Dr. N.Sathiskumar, Associate Professor, Department of Mechanical Engineering, Builders Engineering College, Nathakkadaiyur, Kangeyam | Dr. P.Govindasamy Principal & Prof., MCET. | Reg.No.: 71110331062 Year of Reg.: 2011 University: Anna University Year of Completion:2020 | Investigation and improvement of Piezoelectric Fuel Injector with self sensing control and VCI method for biodiesel injections |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|--------------------------|---|---|--|--|
| Civil Engineering | | | | |
| 5. | Dr. R. Subashchandrabose, Research scholar, Anna university. | Dr. R. Venkatasubramani Civil, MCET | Reg.No.: 100910211015 Year of Reg.:2009 University: Anna University Year of Completion:2018 | Experimental and analytical study of steel fibre reinforced concrete beams |
| 6. | Dr. V. Rajendran, Assistant professor, Kathir college of engineering, Coimbatore; 71130231008 | Dr. R. Venkatasubramani Civil, MCET | Reg.No.: 71130231008 Year of Reg.:2011 University: Anna University Year of Completion:2019 | Environmental quality analysis of groundwater using GIS in Dharmapuri district, Tamil Nadu |
| 7. | Dr. S. Ranjith, Assistant professor, Builders engineering college, Kangayam; 71130231008 | Dr. R. Venkatasubramani Civil, MCET | Reg.No.: 71130231008 Year of Reg.:2014 University: Anna University Year of Completion:2020 | Experimental study on durability properties of engineered cementitious composites |
| 8. | Dr. M. F. Nazeer Ahamed Aalim Muhammed Salegh college of engineering, Chennai. | Dr. M. Mariappan Associate Professor, Civil, MCET. | Reg.No.: 19181997119 Year of Reg.:2019 University: Anna University Year of Completion:2024 | Development of construction accident investigation model using root cause analysis |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------------------------------|---|--|--|--|
| Mechanical Engineering | | | | |
| 9. | Dr.S.Madhusudhanan, Assistant professor (SG), Mech, MCET. | Dr. Rajendran I. Dean, Paavai Engineering College (Autonomous), Coimbatore. | Reg. No. 71010321041 Year of Reg.: 2010 University: Anna University Year of Completion:2018 | Investigation On Mechanical And Tribological Behaviour Of Austempered Ductile Ir (Adi) For Automobile Application |
| 10. | Dr.N.Shanmuga Sundaram, Assistant Professor(SG), MCET | Dr. Rajendran I. Dean, Paavai Engineering College (Autonomous), Coimbatore. | Reg. No. 11210331099 Year of Reg.: 2012 University: Anna University Year of Completion:2019 | Studies on mulberry and areca palm leaf stalk fibre composite materials |
| 11. | Dr.B.Shreeram, AP(SS) Dr.NGP Institute of Technology | Dr. Rajendran I. Dean, Paavai Engineering College (Autonomous), Coimbatore. | Reg. No. 11210331100 Year of Reg.: 2012 University: Anna University Year of Completion:2020 | Development and Characterization of Mullite Lanthanum Oxide Thermal Barrier Coatings on A356 Aluminium Piston Crown for IC Engine |
| 12. | Dr.C.Clement Christy Deepak P.A.College of Engineering and Technology | Dr. Rama Thirumurugan Professor & Head, Mech.MCET. | Reg. No. 1414269101 Year of Reg.: 2012 University: Anna University Year of Completion:2021 | Feasibility study on Non-Standard spur Gear Drive for Automobile application |
| 13. | Dr.N.Gnanasekar Assistant Professor, P.A College of Engg & Tech,Pollachi | Dr. Rama Thirumurugan Professor & Head, Mech.MCET. | Reg. No. 11210331100 Year of Reg.: 2012 University: Anna University Year of Completion:2021 | Fatigue and Fracture studies on power transmission Gear drive |
| 14. | Dr. M.Jayaraj Assistant professor (SG), Mech, MCET. | Dr. Rama Thirumurugan Professor & Head, Mech.MCET. | Reg. No. 1414269766 Year of Reg.: 2014 University: Anna University Year of Completion:2021 | Design and Fabrication of Natural Fiber Reinforced composite Gear and its performance analysis |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------|--|--|--|--|
| 15. | Dr. K.Madhan muthu ganesh, Karpagam Institute of Technology. | Dr. Rama Thirumurugan, (Co-guide) Professor & Head, Mech, MCET. | Reg. No. 1512269246 Year of Reg.: 2015 University: Anna University Year of Completion:2021 | Studies on Mechanical Properties of PALMYRA PALM STALK FIBER/ Carbon Fiber Reinforced Polyester Gear |
| 16. | Dr.T.Vignesh Kumar Mech. | Dr. Rama Thirumurugan Professor & Head, Mech.MCET. | Reg. No. 16142697220 Year of Reg.: 2016 University: Anna University Year of Completion:2023 | Influence of Sub-Zero Processing on the Metallurgical and Mechanical Properties of High Alloy Steel. |
| 17. | Dr. S.V. Gurupranes, Assistant Professor, Mech, MCET. | Dr. Rajendran I. Dean, Paavai Engineering College (Autonomous), Coimbatore. | Reg. No. 20142691209 Year of Reg.: 2019 University: Anna University Year of Completion:2024 | An experimental study on mechanical properties of composites using PLAM fiber and coconut shell powder for automobile applications |
| 18. | Dr.Balamurali.N Assistant Professor, Mech, MCET. | Dr.M.Manikandan, Vellore Institute of Technology, Vellore | Reg. No.: 19PHD0374 Year of Reg.: 2019 University: Vellore Institute of Technology Year of Completion:2024 | Studies on dissimilar welding of metal to polymer using solid state welding technique |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|---------------------|---|---|--|--|
| Mechatronics | | | | |
| 19. | Dr.P.Karuppusamy Assistant Professor(SS), Mechatronics, MCET. | Dr. K. Lingadurai, Associate Professor, University College of Engineering, Dindigul. | Reg.No.: 16142797173 Year of Reg.: 2016 University: Anna University Year of Completion:2021 | Experimental Investigations on the Suitability of Al/Mg MMC in Automotive Brake rotor Application. |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------------------------------|--|---|--|--|
| Information Technology | | | | |
| 20. | Dr.J.Ramprasath, Associate Professor, IT, MCET. | Dr.V.Seethalakshmi, Associate Professor, KPR Institute of Technology, Coimbatore. | Reg. No. 1714469748 Year of Reg.: 2017 University: Anna University Year of Completion:2021 | Certain investigation on secure access of resource in networks |
| 21. | Dr.R.Menaha, Assistant Professor(SS), IT, MCET. | Dr.VE.Jayanthi Professor/ECE PSNA College of Engineering and Technology, Dindigul. | Reg. No. 1523479937 Year of Reg.: 2015 University: Anna University Year of Completion:2021 | Acronym Based Query Recommendation Using Machine Learning Techniques |
| 22. | Dr.L.Meenachi Associate Professor, IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. No. 11210632020 Year of Reg.: 2012 University: Anna University Year of Completion:2021 | Development of Fuzzy rough set based feature selection algorithms for cancer data classification |
| 23. | Dr.N.Krishnaraj, Assistant Professor, IT, MCET. | Dr.S.Smys Professor & Head / IT, Karpagam College of Engineering, Coimbatore. | Reg. No. 1514469914 Year of Reg.: 2015 University: Anna University Year of Completion:2020 | Multi homed Routing for power Efficiency to support internet of Things |
| 24. | Dr.S.Nithya Assistant Professor(SS), AIDS, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg.No.: 11210632023 Year of Reg.: 2012 University: Anna University Year of Completion:2021 | Improved Extension of Local Binary Pattern In Wavelet Domain For Texture Classification. |
| 25. | Dr.S. Ponni @ Sathya, Associate Professor, IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. No. 71110632035 Year of Reg.: 2011 University: Anna University Year of Completion:2020 | Development of Imperceptible and Robust Video watermarking Techniques in DWT-SVD Domain |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------|---|---|---|---|
| 26. | Dr.P. Sathiyamurthi Assistant Professor(SG), IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. No. 11110531037 Year of Reg.: 2011 University: Anna University Year of Completion: 2019 | Development of speech encryption algorithms using multiple chaotic and hyper chaotic maps |
| 27. | Dr.A.S.Muthanantha Murugavel, Associate Professor, IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. No. 7081062114 Year of Reg.: 2008 University: Anna University Year of Completion:2017 | EEG Classification for epileptic seizure detection using FUZZY rules and layered multi class SVM. |
| 28. | Dr.C.Arun Kumar, Associate Professor, CSE, Amrita School of Engineering, Coimbatore. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET. | Reg. No. 71010631003 Year of Reg.: 2010 University: Anna University Year of Completion:2019 | Customized fuzzy rough quick reduct for attribute selection in microarray data |
| 29. | Dr.U.Venkadesh Kumar, Associate Professor, ECE, Bannari Amman Institute of Technology Sathyamangalam. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. No. 71110531038 Year of Reg.: 2011 University: Anna University Year of Completion:2021 | Cooperative Spectrum Sensing Techniques Using Fuzzy Logic And Genetic Algorithm |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|---|--|--|---|---|
| Computer Science and Engineering | | | | |
| 30. | Dr.N. Gobi Assistant Professor(SG), CSE, MCET. | Dr.A.Rathinavelu, Senior Professor, CSE, MCET. | Reg.No.: 71110631012 Year of Reg.:2011 University: Anna University Year of Completion:2020 | An improvised context based fuzzy approach for product ranking based on implicit features |
| 31. | Dr.J.Bhavithra Assistant Professor(SG), CSE, MCET. | Dr.A.Saradha Associate Professor & HEAD Department of CSE, Institute of Road and Transport Technology, Erode. | Reg.No.: 1324469751 Year of Reg.:2013 University: Anna University Year of Completion:2020 | Optimization of Web Page Recommendation Using Machine Learning Techniques |
| 32. | Dr.V.Priya, Assistant Professor(SS), CSE,MCET. | Dr.K.Umamaheswari, Professor, Information Technology PSG College of Technology, Coimbatore. | Reg.No.: 11160231013 Year of Reg.:2013 University: Anna University Year of Completion:2019 | Certain Investigations on Machine Learning Techniques for Text Summarization |
| 33. | Dr.S.Veeramani, Assistant Professor(SS), CSE, MCET | Dr. Noor Mahammad SK, AP, Indian Institute of Information Technology Design and Manufacturing (IIITDM), Kancheepuram | Reg.No.: COE13D001 Year of Reg.:2013 University; IIITDM Year of Completion:2019 | Novel High Speed IP Lookup Techniques |
| 34. | Dr.Mythily M, Karunya Institute of Technology, Coimbatore, | Dr. M.L.Valarmathi, Professor, CSE, MCET. | Reg.No.: 71100632031 Year of Reg.:2011 University: Anna University Year of Completion:2019 | Firefly based feature selection algorithms for big data classification |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------|---|---|---|---|
| 35. | Dr.Senthamil Selvi R, Assistant Professor, Saranathan College of Engg., Trichy | Dr. M.L.Valarmathi, Professor, CSE, MCET. | Reg.No.: 1424469775 Year of Reg.:2014 University: Anna University Year of Completion:2020 | Automation Framework for Software Design and Development |
| 36. | Dr.Modigari Narendra, Assistant Professor, VFSTR Deemed University, Guntur. | Dr. M.L.Valarmathi, Professor, CSE, MCET. | Reg.No.: 16154697166 Year of Reg.:2016 University: Anna University Year of Completion:2022 | Protection of 3D solid models using watermarking |
| 37. | Dr.R. Malavika, Assistant Professor, Department of IT, Government College of Technology, Coimbatore- 641013 | Dr. M.L.Valarmathi, Professor, CSE, MCET. | Reg.No.: 1523469399 Year of Reg.:2015 University: Anna University Year of Completion 2022 | Enhancing the performance of server load balancing using Software Defined Networks. |
| 38. | Dr.Aswini C Assistant Professor, Govt. College of Technology, Coimbatore. | Dr. M.L.Valarmathi, Professor, CSE, MCET. | Reg.No.: 1527469397 Year of Reg.:2015 University: Anna University Year of Completion 2024 | Routing in Software Defined Networking |

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|--|--|---|---|--|
| Artificial Intelligence and Machine Learning and Cyber Security | | | | |
| 39. | Dr.P.Gnanambikai Lecturer (SG), NPTC,Pollachi. | Dr.K.N.Vijeyakumar Professor, AI&ML and CYS, MCET. | Reg. No. 16244697154 Year of Reg.: 206 University: Anna University Year of Completion:2024 | Design of Efficient VLSI architecture for image De-Noising |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|--|--|---|--|--|
| Master of Computer Applications | | | | |
| 40. | Dr. Muthu Sami R, Associate Professor& HoD i/c MCA. | Dr. A. Bharathi, Professor, Department of Information Technology, Bannari Amman Institute of Technology. | Reg. No. 16137697162 Year of Reg.: 2016 University: Anna University Year of Completion:2021 | Analysis and evaluation of twitter data for stance detection and mobile app recommendation by topic modeling using clustering techniques |
| 41. | Dr.S.Devaraju, Assistant Professor (SS), MCA, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. No.10910121034 Year of Reg.: 2009 University: Anna University Year of Completion:2017 | Entropy Based Feature Selection And Rule Based Approaches For Intrusion Detection System |
| 42. | Dr.K.Karpagam Assistant Professor. MCA, MCET. | Dr.A.Saradha, Associate Professor & HOD/CSE IRTT, Erode. | Reg. No.71110132029 Year of Reg.: 2011 University: Anna University Year of Completion:2019 | A study on optimized information retrieval techniques for question answering system |

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|--|--|---|--|--|
| Electronics and Communication Engineering | | | | |
| 43. | Dr.Nagarajan S Assistant Engineer, TNEB, Tamilnadu Electricity Board, Devanurpudur, Pollachi | Dr.K.N.Vijeyakumar Professor, AI&ML and CYS, MCET. | Reg.No.: 1514469434 Year of Reg.:2015 University: Anna University Year of Completion:2022 | Design of Bidirectional Switched Boost Converter for Efficient over Flow in AC/DC Hybrid Microgrid |
| 44. | Dr.S.Bharathi, Associate Professor, ECE, MCET. | Dr.R.Sudhakar, Prof. and Head, ECE, MCET. | Reg.No.:100910255002 Year of Reg.:2010 University: Anna University Year of Completion:2019 | Certain Investigations on hand vein based multilodal biometrics |
| 45. | Dr.C.Thirumaraiselvi AP/ECE Sri Krishna college of technology | Dr.R.Sudhakar, Prof. and Head, ECE, MCET. | Reg.No.: 100910522031 Year of Reg.:2010 University: Anna University Year of Completion:2018 | Certain Investigations on VLSI Architecture for Two Dimensional Discrete Wavelet Transform and Entropy Coder |
| 46. | Dr.K.Ragesh Krishnan (AP/CSE) AmirthaViswaVidhyaPeetha m University, Coimbatore. AP/CSE | Dr.R.Sudhakar, Prof. and Head, ECE, MCET. | Reg.No.: 71010931010 Year of Reg.:2010 University: Anna University Year of Completion:2019 | Certain Investigations on Classification of Liver Disorders from Ultrasound Images |
| 47. | Dr.Senthilvel A Assistant Executive Engineer (O&M) TNEB,Pollachi | Dr.K.N.Vijeyakumar Professor, AI&ML and CYS, MCET. | Reg.No.:100910255002 Year of Reg.:2015 University: Anna University Year of Completion:2021 | Efficient Design of Solar Power Plant Using Soft Computing Techniques and FPGA |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------|--|---|--|--|
| 48. | Dr.N.Shankar Assistant Professor II, Bannari Amman Institute of Technology, Sathiyamangalam | Dr.N.Saravana Kumar Asso.Prof., ECE, MCET. | Reg.No.:100910255002 Year of Reg.:2016 University: Anna University Year of Completion:2022 | Development of control Techniques to mitigate the effect of Partial shading in PV Arrays |
| 49. | Dr.S.Manivannan Assistant Professor II, Bannari Amman Institute of Technology, Sathyamangalam | Dr.N.Saravana Kumar Asso.Prof., ECE, MCET. | Reg.No.:100910255002 Year of Reg.:2017 University: Anna University Year of Completion:2022 | Performance Analysis of Multiphase Multilevel Matrix Converter fed Induction Motor Drive with more Phase legs by using various Pulse width Modulation Techniques |
| 50. | Dr.G.Soundarya, AP(SS), ECE, MCET. | Dr.N.Gunavathi Assistant Professor National Institute of Technology Trichy | Reg.No.: 408918004 Year of Reg.: 2018 University: National Institute of Technology Trichy Year of Completion:2023 | Investigation on Compact Highly Selective Substrate Integrated Waveguide Filters for C and Ku Band Applications |
| 51. | Dr.D.Kumar AP/ECE, PA College of Engineering and Technology, Pollachi. | Dr.V.K.Sudha, Professor, ECE, MCET. | Reg.No.: 1514469853 Year of Reg.: 2015 University: Anna University Year of Completion:2024 | Image Encryption with lossless / Lossy Compression |

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|---|---|---|---|---|
| Electrical and Electronics Engineering | | | | |
| 52. | Dr K Saranya Assistant Professor (SG), EEE, MCET. | Dr.K.N.Vijeyakumar Professor, AI&ML and CYS, MCET. | Reg.No.:16244697151 Year of Reg.:2016 University: Anna University Year of Completion:2022 | Design and implementation of reversible VLSI architectures for image cryptography |
| 53. | Dr.J.Amudha, Associate Professor, EEE.MCET. | Dr.R.Sudhakar, Prof. and Head, ECE, MCET. | Reg.No.:10910522001 Year of Reg.:2009 University: Anna University Year of Completion:2018 | Certain Investigations on Algorithms for Restoration of Digital Images |
| 54. | Dr.K.Umamaheswari Associate Professor, EEE, MCET. | Dr.N.Devarajan, Professor/EEE, Government College of Technology, Coimbatore | Reg.No.:71010422023 Year of Reg.:2010 University: Anna University Year of Completion:2016 | Certain Optimization Algorithms with Neural Network models for solving Dedp in Power System Applications and Renewable Energy Design for Rural Electrification. |
| 55. | Dr.L.Chitra Associate Professor, EEE, MCET. | Dr.M.Karpagam, Associate Professor/EEE Hindusthan college of Engineering and Technology, Coimbatore | Reg.No.: 1324369134 Year of Reg.:2013 University: Anna University Year of Completion:2018 | Certain investigations on the design and performance analysis of two input boost converter based on voltage multiplier cell |
| 56. | Dr.G.Sophia Jasmine Assistant Professor, EEE, MCET. | Dr.P.Vijayakumar, Professor/EEE Karpagam College of Engineering, Coimbatore | Reg.No.: 11210432024 Year of Reg.:2012 University: Anna University Year of Completion:2018 | Comparison of optimization algorithm with series FACTS technology for solving transmission congestion in deregulated power systems |
| 57. | Dr.M.Balaji Assistant Professor(SS) EEE, MCET. | Dr. K. Porkumaran Professor and Principal Dr. N. G. P. Institute of Technology, Coimbatore | Reg.No.:100911021002 Year of Reg.:2009 University: Anna University Year of Completion:2018 | Development and Implementation of New Control Schemes for Process Control Applications using Programmable Logic Controllers |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------|---|---|--|--|
| 58. | Dr B.Kishore Associate Professor, EEE, MCET. | Dr N P Ananthamoorthy, Professor,EEE Hindusthan College of Engineering and Technology, Coimbatore | Reg.No.:16154697268 Year of Reg.:2016 University: Anna University Year of Completion:2020 | Certain Investigations on Detection of Glaucoma using Image Processing and Machine Learning Approaches |
| 59. | Dr.M.Sasireka Asst.Prof (SRG) EIE Department, kongu engineering college | Dr.A.Senthilkumar Dean (A & A), Senior Professor, EEE, MCET. | Reg.No.: 100931022001 Year of Reg.:2010 University: Anna University Year of Completion:2020 | Biomedical Signal Processing using VI |
| 60. | Dr.P.Vidhya Lakshmi Asst.Prof(SRG) EIE Department, kongu engineering college | Dr.A.Senthilkumar Dean (A & A), Senior Professor, EEE, MCET. | Reg.No.: 100930422007 Year of Reg.:2010 University: Anna University Year of Completion:2020 | Computer Vision Based Fault Detection |
| 61. | Dr.K.Saravanan Principal, Christian Polytechnic College, Dindugal Road, Oddanchatram | Dr.A.Senthilkumar Dean (A & A), Senior Professor, EEE, MCET. | Reg.No.: 71010531028 Year of Reg.:2010 University: Anna University Year of Completion:2016 | Investigations on Performance Analysis of BloomFilter variants for Network Security Applications |
| 62. | Dr.P.Sivaranjani Assistant Prof(SRG)/ECE KonguEngg. College | Dr.A.Senthilkumar Dean (A & A), Senior Professor, EEE, MCET. | Reg.No.: 71030522029 Year of Reg.:2010 University: Anna University Year of Completion:2016 | An Investigation on Performance Analysis of VLSI Non-Slicing Floor Planning using Heuristic Optimization methods |
| 63. | Dr P Brindha, Asst. Prof ECE,Vellalar College of Engg and Tech, Thindal, Erode | Dr.A.Senthilkumar Dean (A & A), Senior Professor, EEE, MCET. | Reg.No.: 71030522004 Year of Reg.:2010 University: Anna University Year of Completion:2017 | Design and Development of High Speed SOC for Network Intrusion System |
| 64. | Dr.K.Gomathi Asst.Prof, Dept. of MTS, Kongu Engineering College | Dr.A.Senthilkumar Dean (A & A), Senior Professor, EEE, MCET. | Reg.No.: 71130432003 Year of Reg.:2011 University: Anna University Year of Completion:2017 | Design and Analysis of area changing micro accelerator for high "g" Applications |

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|-------|---|---|--|---|
| 65. | Dr T Logeswaran, AP EEE, Kongu Engineering college | Dr.A.Senthilkumar Dean (A & A), Senior Professor, EEE, MCET. | Reg.No.: 71030421016 Year of Reg.:2010 University: Anna University Year of Completion:2018 | Design of high performance converters for renewable energy Applications |
| 66. | Dr. A Kiruthika, AP Sri Krishna College of Technology | Dr.A.Senthilkumar Dean (A & A), Senior Professor, EEE, MCET. | Reg.No.: 100960522012 Year of Reg.:2010 University: Anna University Year of Completion:2018 | VLSI Architecture for Image Processing |
| 67. | Dr. N. Prasath AP(SG), CSE, KPRIT | Dr.B.Vinothkumar, Professor EEE,MCET. | Reg.No.: 71110631034 Year of Reg.:2010 University: Anna University Year of Completion:2017 | Certain exploration for improving QoS in wireless networks using binary meta heuristic optimization algorithm |
| 68. | Dr.Arunkumar S Assistant Professor, CSE, Nehru Institute of Engineering and Technology, Coimbatore. | Dr.B.Vinothkumar, Professor EEE,MCET. | Reg.No.: 1513369790 Year of Reg.:2015 University: Anna University Year of Completion 2023 | Routing Techniques in wireless sensor network |
| 69. | Dr.C.P.Boopathy ASP EEE, SVS College of Engineering | Dr M Kaliamoorthy, Professor & Head, EEE.MCET. | Reg.No.: 10910421010 Year of Reg.:2009 University: Anna University Year of Completion:2017 | Certain Investigations on Performance Improvement of multilevel inverter fed from renewable energy sources |
| 70. | Dr.A.Sakthivel Associate Professor, EEE MCET | Dr.P.Vijayakumar Principal, Karpagam College of Engineering, Coimbatore | Reg.No.: 4081042121 Year of Reg.:2008 University: Anna University Year of Completion:2016 | Investigations on the Performance enhancement of Shunt Active Power Filter using Evolutionary computing approaches. |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|--|--|---|--|--|
| Electronics and Instrumentation Engineering | | | | |
| 71. | Dr.T.Gopalakrishnan, Assistant Professor(SS), EIE, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg.No.:10910421013 Year of Reg.:2009 University: Anna University Year of Completion:2018 | Image Encryption Using Multiple Chaotic Maps In Hybrid Domain |
| 72. | Dr.Anthony Jesudurai S Assistant Professor (SS), EIE/MCET. | Dr.A.Senthilkumar Dean (A & A), Senior Professor, EEE, MCET. | Reg.No.:11210431004 Year of Reg.:2012 University: Anna University Year of Completion:2020 | An Effective Method of Data Acquisition in Wireless Sensor Network |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|---------------------------------|---|---|---|--|
| Science & Humanities | | | | |
| 73. | Dr.S.Monolisa Assistant Professor, S&H (Maths), MCET. | Dr.A.Arokia Lancy, Assistant Professor, Dept. of Mathematics, Nirmala College for Women, Coimbatore. | Reg. No.10376/B1/2019 Year of Reg.: 2019 University: Bharathiar University Year of Completion:2023 | A noval approach on johan chromatic core subgraph and johan zagreb indices of molecular structures and their applications |
| 74. | Dr.J. Johnson William, Assistant Professor, S&H, MCET. | Dr. G. Muralidharan, Dean and Professor, The Gandhigram Rural Institute-Deemed to be University, Dindigul - 624005 | Reg. No. 15922105 Year of Reg.: 2015 University: The Gandhigram Rural Institute, Dindigul Year of Completion:2022 | Preparation and Characterization of Nickel Oxide based Nanocomposites and Bismuth Ferrite Nanostructures Towards Supercapacitor Applications |
| 75. | Dr. Saravanakumar S, Assistant Professor, S&H, MCET | Dr. P. Balasubramaniam, Professor, Dept. of Mathematics, The Gandhigram Rural Institute, Deemed to be University Dindigul | Reg.No: 16921204 Year of Reg.:2016 University: The Gandhigram Rural Institute, Dindigul Year of Completion:2021 | Solvability and Approximate Controllability of Hilfer Fractional Stochastic Systems |
| 76. | Dr.M. Mariyappan, Assistant Professor, S&H, MCET | Dr. K. Marimuthu, Assistant Professor, The Gandhigram Rural Institute-Deemed to be University, Dindigul - 624005 | Reg. No. 15922103 Year of Reg.:2015 University: The Gandhigram Rural Institute, Dindigul, Year of Completion:2021 | Synthesis, Structural and Optical Studies on Sm ³⁺ , Dy ³⁺ and Er ³⁺ doped Bismuth Oxyfluoroborate Glasses for Photonic Applications |
| 77. | Dr.K.Kanak Sindhu, Assistant Professor(SS), S&H, MCET | Dr. R.Murugesan, Thiruvalluvar College, Manonmaniam Sundaranar University, Tirunelveli | Reg.No.: 11950 Year of Reg.:2015 University: Manonmaniam Sundaranar University, Tirunelveli. Year of Completion:2019 | A Study on Semiderivations of Semiprime Semirings |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------|--|---|--|---|
| 78. | Dr. Devi Prasadh, Assistant Professor(SS), S&H, MCET | Dr. Madhuri W (Guide), Associate Professor of Physics, VIT University, Vellore, TamilNadu. India. | University: VIT, Vellore Year of Reg.:2011 Year of Completion:2019 | Applications of Density Functional Theory for the Investigation of Properties of Solid Crystalline |
| 79. | Dr.S.Parveen, Research MCET. | Dr.S.Govindarajan, Professor (Retd.), Department of Chemistry, Bharathiar University, Coimbatore | Reg.No:C2/12682/2013 Year of Reg.:2012 University: Bharathiar University Year of Completion:2019 | Structural Diversity and Biological Evaluation of Metal Complexes of Schiff Bases Generated From Hydrazine Derivatives and α -Ketoacids. |
| 80. | Dr. B. Saravanakumar, Assistant Professor(SS), S&H, MCET | Dr. G. Muralidharan, Professor, The Gandhigram Rural Institute- Deemed to be University, Dindigul - 624006 | Reg. No. 15922104 Year of Reg.:2010 University: The Gandhigram Rural Institute, Dindigul, Year of Completion:2017 | Preparation of Vanadium oxide Based Nanostructures and Their Characterization Towards Supercapacitor Applications. |
| 81. | Dr.B.Poorani, Assistant Professor, S&H (English), MCET. | Dr.D.Sujatha, Asso.Professor Sri GVG Visalakshi College for Women | Reg. No. 10376/B1/2019 Year of Reg.: 2019 University: Bharathiar University Year of Completion: 2022 | Vicissitude of the Disposed:A study of Amitav Ghosh's Novels |
| 82. | Dr.K.Vishalakshi Assistant Professor Dr.Mahalingam College of Engineering and Technology, Pollachi | Dr.S.Maragathavalli Assistant Professor Department of Mathematics Government Arts College, Udumalpet. | Reg.No.10376/B1,2019 Bharathiar University Year of Completion:2019 | A Study on Bipolar Pythagorean Fuzzy Regular Generalized Closed sets |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------|--|--|--|---|
| 83. | Dr.B.Bala Vijaya Priya Assistant Professor Dr.Mahalingam College of Engineering and Technology, Pollachi | Dr.V.Ramanathan Assistant Professor Department of English Government Arts College, Udumalpet. | Reg No.31474/B2/2018 Year of Reg.: 2018 University: Bharathiar University Year of Completion:2023 | Facets of existentialism in the novels of rohinton mistry |
| 84. | Dr.R.Bhuvaneswari Assistant Professor Dr. Mahalingam College of Engineering and Technology, Pollachi | Dr. S. Lavanya Associate Professor Department of English PSGR Krishnammal College for Women Coimbatore | Reg. No.B1/2016 Year of Reg.: 2016 University: Bharathiar University Year of Completion:2023 | Resisting hegemonic gender relations in buchi emecheta's select novels |
| 85. | Dr.S.Saranya Assistant Professor, S&H/Maths | Dr. S. Geetha, Assistant Professor, PSG College of Arts and Science Coimbatore | 31475/B6/2018, Bharathiar University & 2021 Year of Completion:2024 | Contributions to the study of certain conditional sampling plans by variables under non-normal symmetric distribution |
| 86. | Dr.T.Muthukumar Assistant Professor, S&H (Maths), MCET. | Dr.T.Jayakumar, Assistant Professor, Dept. of Mathematics, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore. | Reg. No.11737 Year of Reg.: 2017 University: Bharathiar University Year of Completion:2024 | A study on some numerical methods for solving various types of fuzzy differential equations |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., Year of Registration, University & Year of Completion | Title of Research work |
|-------|--|---|---|--|
| 87. | Ms.Shiva Shankari Assistant Professor, S&H/English | Dr. Geetha, Sri GVG Visalakshi college for Women, udumalpet | Reg. No. 2021R0240 Year of Reg.: 2021 University: Bharathiar University Year of Completion:2024 | A study of catastrophized voice in the select works of Aminatta Forna |