

Dr. Mahalingam College of Engineering and Technology, Pollachi-642 003
(An Autonomous Institution)

Office of Dean -Research & Innovation

PhD Scholar details

May 2025

| S.No. | Name of the Department | No. of Internal Scholars | No. of External Scholars | Total No. of Ongoing Scholars |
|--------------|--|---------------------------------|---------------------------------|--------------------------------------|
| 1. | Department of Automobile Engineering | 8 | 1 | 9 |
| 2. | Department of Civil Engineering | 9 | 4 | 13 |
| 3. | Department of Mechanical Engineering | 9 | 4 | 13 |
| 4. | Department of Information Technology | 14 | 1 | 15 |
| 5. | Department of Computer Science and Engineering | 19 | 7 | 26 |
| 6. | Department of Artificial Intelligence and Data Science | 7 | - | 7 |
| 7. | Department of Artificial Intelligence and Machine Learning | 7 | - | 7 |
| 8. | Department of Electronics and Communication Engineering | 15 | 6 | 21 |
| 9. | Department of Electrical and Electronics Engineering | 17 | 6 | 23 |
| 10. | Department of Science and Humanities | 9 | - | 9 |
| Total | | 114 | 29 | 143 |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------------------------------|---|---|--|--|--|
| Automobile Engineering | | | | | |
| 1. | Mr.R.B.Rajeshkumar Assistant Professor, Auto, MCET. | Dr.K.Rameshkumar Assistant Professor (SG), EEE, MCET | Reg. no.: 24149697126 University: Anna University Year of Reg.: 2024 | Design and Implementation of solar photo voltaic fed electric vehicle charging station with improved power quality using active power filter | Coursework Completed |
| 2. | Mr.S.Mahalingam Assistant Professor Auto, MCET | Dr.V.K.Sudha, Professor & Head ECE, MCET. | Reg. no.: 24149691173 University: Anna University Year of Reg.: 2024 | Model Based Design and Development of Battery Management System(BMS) for Electric vehicles | Provisionally Confirmed |
| 3. | Mr.M.Mahendran Assistant Professor (SS) Auto, MCET | Dr.M.Selvakumar Professor Auto, MCET | Reg. no.: 24142691224 University: Anna University Year of Reg.: 2024 | Structural Analysis and Optimization of Farm Equipment Using CAE | Coursework Completed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|---|--|---|--|--|
| 4. | Mr. R.Vishnuramesh kumar Assistant Professor(SS), Auto, MCET. | Dr. T. Ramkumar Associate Professor, Mech, MCET | Reg. no.: 22142697117 University: Anna University Year of Reg.: 2022 | Investigation of surface integrity, mechanical and tribiological behaviour of ceramic coating on titanium alloy surface prepared by laser cladding for automotive applications | Provisionally Confirmed |
| 5. | Mr. C. Radhakrishnan, Assistant Professor (SS), Auto, MCET. | Dr. Rajendran I. Dean, Paavai Engineering College (Autonomous), Coimbatore. | Reg. No. 21142697202 University: Anna University Year of Reg.:2019 | Experimental Investigation of Diesel Engine Performance and Emission Characteristics Using Bio-Oil produced From Biomasses | Provisionally Confirmed |
| 6. | Mr. M.Ponmurugan Assistant Professor(SS), MCET. | Dr. M. Ravikumar, Professor, Mechanical Engineering Bannari Amman Institute Of technology, Sathyamanagalam. | Reg. No.:18142691251 University: Anna University Year of Reg.: 2018 | Heat transfer enhancement in a backward facing step flow using a rigid flapping vortex generator | Provisionally Confirmed |
| 7. | Mr. V.D.Tamilarasan Assistant Professor, MCET. | Dr.T.Ramesh kumar Professor, Mechanical Engineering Bannari Amman Institute Of technology, Sathyamanagalam. | Reg. No.:18142691188 University: Anna University Year of Reg.: 2018 | Simulation and experimental studies of performance and emission characteristics ONCI Diesel engine using three different bowl shapes | Provisionally Confirmed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|--|---|---|--|--|
| 8. | Mr.N.Dhamodharan Assistant Professor, MCET. | Dr.M.Suresh Associate Professor, Robotics and Automation PSG college of Technology, Coimbatore | Reg. No.: 22142691167 University: Anna University Year of Reg.: 2022 | Investigation of robotic gripper in agricultural applications | Provisionally Confirmed |
| 9. | Mr.M.Navaneethan Lect., Mech, NPTC | Dr.D.Shanmugam, Professor & Head Auto, MCET | Reg. No.: 24142691154 University: Anna University Year of Reg.: 2024 | Study on the use of natural rubber/natural fibre composites for use as a novel material for acoustic,thermal and electrical insulation applications in automobiles | Coursework Completed |

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|--------------------------|--|---|--|--|--|
| Civil Engineering | | | | | |
| 10. | Ms.R.Anuja Assistant Professor Civil, MCET | Dr.S.Deepa Shri, Prof & CoE, Hindusthan College of Engineering and Technology | Reg.No.: 24241691129 University: Anna University Year of Reg.: 2024 | Behavioural study on light weight concrete block using industrial by-product | Coursework Completed |
| 11. | Ms.S.Sharmila Assistant Professor Civil, MCET | Dr. N. Natarajan, Professor, Civil, MCET | Reg.No.: 24241691156 University: Anna University Year of Reg.: 2024 | Light Weight Green Concrete using Ferrock as Building Material for Sustainable Development - A Carbon Negative Substitute | Coursework Completed |
| 12. | Mr.M.Sudharsanan Assistant Professor Civil, MCET | Dr.K.Akil, Professor Department of Civil Engineering Hindusthan College of Engineering and Technology Othakkalmandapam, Coimbatore - 641 032 | Reg.No.: /24151691139 University: Anna University Year of Reg.: 2024 | Investigation on feasibility of carbon-absorbing concrete enhanced With zeolite: a sustainable approach to carbon neutralization | Coursework Completed |
| 13. | Ms.S.Suthaviji Assistant Professor Civil, MCET | Dr.K.Murali, Professor and Head - Department of Civil Engineering Dr.N.G.P. Institute of Technology, Coimbatore | Reg.No.: 24241691122 University: Anna University Year of Reg.: 2024 | Circular Economy in Utilization of Low Carbon Materials from Agricultural Waste for Sustainable Construction | Coursework Completed |

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|-------|--|--|---|---|--|
| 14. | Mr. A. Praveen Kumar Assistant professor (SS), Civil,MCET. | Dr. S. Balaji, Professor, Kongu engineering college. | Reg.No.: 22141697142 University: Anna University Year of Reg.: 2022 | A Study on Structural Behaviour of Encased Concrete Filled Steel Tubular (CFST) column | Coursework Completed |
| 15. | Mr.A.Manikandan, Assistant professor (SS), Civil,MCET. | Dr. K. Murali, Professor and Head - Department of Civil Engineering Dr.N.G.P. Institute of Technology, Coimbatore | Reg.No.: 21141691143 University: Anna University Year of Reg.: 2021 | Influence on Strength and durability characteristics of high performance concrete using industrial by products in Coimbatore region | Provisionally Confirmed |
| 16. | Mr.S.Syed Masoodhu Assistant professor (SS), Civil,MCET. | Dr. N. Natarajan, Professor, Civil, MCET. | Reg.No.: 20181691114 University: Anna University Year of Reg.: 2020 | Shear and Hydraulic performance of Geo synthetic Clay liner by Polymer hydrogels | Thesis Submitted |
| 17. | Mr. P.S.Sathish Kumar, Assistant professor (SS), Civil,MCET. | Dr. K.S. Elango, Associate professor, KPR institute of engineering and technology, Coimbatore | Reg. No.: 23141691135 University: Anna University Year of Reg.: 2023 | Assessment on carbon and water footprint of construction activities involved in residential buildings | Coursework Completed |
| 18. | Mr.S.Dinesh kumar Assistant Professor, Civil | Dr. M. Berlin, Associate professor, Department of civil engineering, NIT Arunachal Pradesh | PhD/CE/2020/08 | Extraction of heavy metals using phytoremediation in Coimbatore region | Provisionally Confirmed |

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|-------|---|---|--|---|--|
| 19. | Mr.C.Pradeep Kumar Assistant Professor Karpagam College of Engineering, Coimbatore | Dr. M. Mariappan, Associate Professor, Civil, MCET. | Reg.No.: 24131697151 University: Anna University Year of Reg.:2024 | Study on the influence of basalt fibres on the structural performance of the self-compacting concrete | Coursework Completed |
| 20. | Mr. Lenin Dhal SRM Easwari engineering college, Chennai. | Dr. M. Mariappan, Associate Professor, Civil, MCET. | Reg.No.: 21151997195 University: Anna University Year of Reg.:2021 | Performance of recycle coarse aggregate in concrete for sustainable construction | Coursework Completed |
| 21. | Ms.B.T.Ushapriya Assistant Professor Akshaya College of Engineering | Dr. M. Mariappan, Associate Professor, Civil, MCET. | Reg.No.: 24241697130 University: Anna University Year of Reg.:2024 | Experimental and Numerical simulation of seal-healing concrete by integrating self-sensing concrete | Coursework Completed |
| 22. | K.Maruthi Venkatesh Assistant professor Department of Civil engineering KPR Institute of Engineering and Technology Coimbatore. | Dr. M. Mariappan, Associate Professor, Civil, MCET. | Reg.No.: 25141691152 University: Anna University Year of Reg.:2025 | Wetland Quality Assessment Towards Smart City Development in Coimbatore | Undergoing Coursework |

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|-------------------------------|--|--|---|---|--|
| Mechanical Engineering | | | | | |
| 23. | Mr.J.Dinesh Kumar Assistant Professor Mech, MCET | Dr.P.Govindasamy, Professor/Auto, Principal, MCET. | Reg. No.: 24142691229 University: Anna University Year of Reg.: 2024 | Investigation of Vibration Characteristics of Natural Fibres Reinforced Polymer Composites. | Coursework Completed |
| 24. | Mr.S.Naveen Kumar Assistant Professor Mech, MCET | Dr N Shanmuga sundaram Assistant Professor (SG), Mech, MCET | Reg. No.: 24142691175 University: Anna University Year of Reg.: 2024 | Mechanical, dynamic, mechanical and acoustic properties of natural rubber reinforced polymer composite. | Coursework Completed |
| 25. | Mr.K.Sasikumar Assistant Professor Mech, MCET | Dr K Hariharan, Associate Professor Mech,MCET | Reg. No.: 24142691247 University: Anna University Year of Reg.: 2024 | Design and development of customized bone implant using magnesium-based biomaterials. | Coursework Completed |
| 26. | Mr.R.Gunasekaran, Assistant Professor, Mech, MCET. | Dr.P.Hariharan, Professor, Department of Manufacturing Engineering, College of Engineering, Anna University, Chennai. | Reg. No.:21132197136 University: Anna University Year of Reg.: 2021 | Studies on electroplated copper tool on micro electrified discharge machining of ti- 6al -4v-array | Provisionally Confirmed |

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|-------|---|---|---|--|--|
| 27. | Mr. Sreejith. S. Nair Assistant Professor (SS), Mech, MCET. | Dr. Rajendran I. Dean, Paavai Engineering College (Autonomous), Coimbatore. | Reg. No. 19152697209 University: Anna University Year of Reg.:2019 | Experimental Investigation on welding of Hastelloy. | Provisionally Confirmed |
| 28. | Mr. M. Gideon Ganesh Assistant Professor (SS), Mech, MCET. | Dr. Rajendran I. Dean, Paavai Engineering College (Autonomous), Coimbatore. | Reg. No. 20142691209 University: Anna University Year of Reg.:2019 | An experimental study on mechanical properties of composites using PLAM fiber and coconut shell powder for automobile applications | Provisionally Confirmed |
| 29. | Mr. Vijayakannan, Assistant Professor (SS), Mech, MCET. | Dr. Rajendran I. Dean, Paavai Engineering College (Autonomous), Coimbatore. | Reg. No. 21142697127 University: Anna University Year of Reg.:2019 | Investigation on static, dynamic and thermal properties of habara/palmyra palm leaf stalk fiber reinforced hybrid polymer composites for automobile application. | Provisionally Confirmed |
| 30. | Mr. M. Padmanaban, Assistant Professor (SS), Mech, MCET. | Dr. Rama Thirumurugan, Professor, Mech, MCET. | Reg. No. 18142697217 University: Anna University Year of Reg.:2018 | Studies on machining of magnesium composites | Synopsis Submitted |
| 31. | Mr.J.Venkatesh, Assistant Professor, Mech, MCET. | Dr.K.Muralidharan, Professor, Mech, PSNACET, Dindigul. | Reg. No. 21132797143 University: Anna University Year of Reg.:2021 | Experimental Investigation of performance in parabolic through solar collector with single and hybrid nano fluids | Provisionally Confirmed |

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|-------|--|---|--|--|--|
| 32. | Mr. P. Srirajajaran NPTC. | Dr. Rama Thirumurugan, Prof. and Head, Mech, MCET | Reg. No. 22142697128 University: Anna University Year of Reg.:2022 | Study of properties of the Activated Carbon produced from Coconut Tree Wastes | Coursework Completed |
| 33. | Mr.N.Kalingaraj Lecturer, Auto,NPTC | Dr.Rama Thirumurugan, Prof. and Head, Mech, MCET | Reg. No. 24142691181 University: Anna University Year of Reg.:2024 | Design and performance study of gear box with asymmetric gears | Coursework Completed |
| 34. | Mr.S.Paramesh Lecturer, RVS Polytechnic | Dr.M.Jayaraj Assistant Professor (SG) Mech, MCET. | Reg. No. 24142697148 University: Anna University Year of Reg.:2024 | Studies on bio-based cellulose nanocrystal reinforced natural rubber composites | Coursework Completed |
| 35. | Mr. M.Giridharadhayalan, Academic Training Dhronaz Academic Centre | Dr. T. Ramkumar Associate Professor, Mech, MCET | Reg. No.21142691209 University: Anna University Year of Reg.: 2021 | Investigation of titanium-based composites reinforced with ceramic particles using microwave sintering for aerospace applications. | Provisionally Confirmed |

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|-------------------------------|---|--|---|--|--|
| Information Technology | | | | | |
| 36. | Mr.J.Dhyaneswaran Assistant Professor (SS) IT, MCET | Dr.V.Seethalakshmi, Professor/ECE, KPRIET, Coimbatore | Reg. no.: 25144691160 University: Anna University Year of Reg.: 2025 | Certain Investigations on an attack mitigation technique in blockchain using public key cryptosystem | Undergoing Coursework |
| 37. | Mr.M.Sivakumar, Assistant Professor IT, MCET | Dr.A.S.Muthanantha Murugavel Professor Department of Computer Science and Engineering Karpagam College of Engineering | Reg. no.: 24144697567 University: Anna University Year of Reg.: 2024 | A cutting-edge farming system employs IoT and machine learning for Precise irrigation system | Coursework Completed |
| 38. | Ms.G.Keerthika Assistant Professor IT, MCET | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. no.: 24234691430 University: Anna University Year of Reg.: 2024 | Searchable Encryption of Data in Cloud | Coursework Completed |
| 39. | Ms.P.Rajeswari Assistant Professor IT, MCET | Dr.J.Ramprasath Associate Professor IT, MCET | Reg. no.: 24244691455 University: Anna University Year of Reg.: 2024 | Certain Investigations on secure cloud data storage and its access | Coursework Completed |

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|-------|---|---|---|---|--|
| 40. | Ms.S.Selvanayaki Assistant Professor IT, MCET | Dr.A S.Muthanantha Murugavel, Professor, Karpagam College of Engineering, Coimbatore | Reg. no.: 24244691382 University: Anna University Year of Reg.: 2024 | Sorting and Grading of Agricultural Products using Machine Learning Techniques | Coursework Completed |
| 41. | Ms.T.Sumathi Assistant Professor(SS), IT, MCET. | Dr.N.Yuvaraj, Proefssor & Head, CSE, KPR Institute of Engineering and Technology. | Reg. no.: 23244697221 University: Anna University Year of Reg.: 2023 | Predicting the stages of chronic liver disease using deep learning technique | Provisionally Confirmed |
| 42. | Mr. N.Praveen Sundra kumar Assistant Professor(SS), IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. no.: 23144697195 University: Anna University Year of Reg.: 2023 | Malware classification using image texture analysis | Provisionally Confirmed |
| 43. | Ms.P.Kalaivani Assistant Professor, IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. no.: 23254697209 University: Anna University Year of Reg.: 2023 | Recommendation System for Application Developers | Provisionally Confirmed |
| 44. | Ms.K.S.Sudhishna Assistant Professor, IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. no.: 23294697229 University: Anna University Year of Reg.: 2023 | Depression detection using machine learning based text emotion analysis | Provisionally Confirmed |

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|-------|--|--|---|---|--|
| 45. | Ms.G.Saranya Assistant Professor, IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. no.: 23234697232 University: Anna University Year of Reg.: 2023 | Privacy preserving using federated learning | Provisionally Confirmed |
| 46. | Mr.R.Prabhu Assistant Professor(SS), MCET. | Dr.V.Seethalakshmi, Professor, Electronics and Communiation Engineering KPR Institute of Engineering and Technology | Reg. No.:23144691113 University: Anna University Year of Reg.: 2023 | Framework for hate speech detection in social media networks using Deep learning and NLP | Provisionally Confirmed |
| 47. | Ms.S.Soundariya Assistant Professor(SS), IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. No. 22244691336 University: Anna University Year of Reg.: 2022 | Cross Domain Recommendation system | Provisionally Confirmed |
| 48. | Ms.D.Janani Assistant Professor(SS), IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. No. 22244691404 University: Anna University Year of Reg.: 2022 | Predictive Analysis approach for Healthcare applications | Provisionally Confirmed |
| 49. | Ms.K.Saranya, Assistant Professor, IT, MCET. | Dr.S. Ramakrishnan, Dean R&I, Senior Professor, IT, MCET | Reg. No. 21244691184 University: Anna University Year of Reg.: 2021 | Data flow control and path planning in VANET | Provisionally Confirmed |

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|-------|---|---|---|--|--|
| 50. | Ms.G.Kalpana AP, AI&DS, Nehru Institute of Engineering and Technology | Dr.S.Ponni alias Sathya, Asso. Prof., IT, MCET. | Reg. No. 24234691355 University: Anna University Year of Reg.: 2024 | Investigations on early detection of diseases in medical images using deep learning techniques | Coursework Completed |

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|---|--|---|---|--|--|
| Computer Science and Engineering | | | | | |
| 51. | Mr.D.Manoj Kumar Assistant Professor CSE, MCET | Dr.V.Priya Associate Professor/CSE, KPRIET, Coimbatore. | Reg. no.: 25144691427 University: Anna University Year of Reg.: 2025 | Innovative deep learning and cloud analytics framework for smart patient monitoring and big data recommendations | Undergoing Coursework |
| 52. | Ms.S.Gayathri Assistant Professor CSE, MCET | Dr.T.Sivakumar, Professor/ECE, Sri Eshwar College of Engineering | Reg. no.: 25244691156 University: Anna University Year of Reg.: 2025 | Two stage malware detection using ensemble machine learning models | Undergoing Coursework |
| 53. | Ms.J.Santhiya Assistant Professor CSE, MCET | Dr.T.Sivakumar, Professor/ECE, Sri Eshwar College of Engineering | Reg. no.: 25244691179 University: Anna University Year of Reg.: 2025 | Machine learning models to quantify climate change impacts on agricultural ecosystems | Undergoing Coursework |
| 54. | Ms.S.Devilavanya Assistant Professor CSE, MCET | Dr.L.Meenachi, Associate professor & HoD(i/c), IT, MCET | Reg. no.: 24244691479 University: Anna University Year of Reg.: 2024 | Machine learning based E commerce product recommendation system | Coursework Completed |
| 55. | Ms.G.Gayathri Assistant Professor CSE, MCET | Dr.C.Suresh Assistant Professor/CSE Kalaingar Karunanidhi Institute of Technology | Reg. no.: 24244691234 University: Anna University Year of Reg.: 2024 | Advanced Machine Learning Models in Transformed Feature Space with Remote Sensing Application | Coursework Completed |

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|-------|--|---|---|--|--|
| 56. | Ms.M.Gomathi Assistant Professor CSE, MCET | Dr.L.Meenachi, Associate professor & HoD, IT, MCET | Reg. no.: 24244691428 University: Anna University Year of Reg.: 2024 | Incorporating Machine Learning Techniques in Blockchain to increase the security features during data manipulation | Coursework Completed |
| 57. | Mr.K.Prabhu Assistant Professor(SS) CSE, MCET | Dr.C.Suresh Assistant Professor/CSE Kalaingar Karunanidhi Institute of Technology | Reg. no.: 24144691296 University: Anna University Year of Reg.: 2024 | Effective Cardio Vascular Diseases Prediction using Machine Learning Techniques Incorporation with Deep Learning | Coursework Completed |
| 58. | Mr.S.Senthilprabhu Assistant Professor(SS) CSE, MCET | Dr.C.Suresh Assistant Professor/CSE Kalaingar Karunanidhi Institute of Technology | Reg. no.: 24144691261 University: Anna University Year of Reg.: 2024 | Advanced semi-supervised learning with graph convolutional Techniques for object recognition | Coursework Completed |
| 59. | Ms.G. Uma Maheshwari, Assistant Professor CSE, MCET | Dr.M.Karthiga Associate Professor, CSE, Bannari Amman Institute of Technology, Erode | Reg. no.: 24244691436 University: Anna University Year of Reg.: 2024 | Privacy preserving Mechanism in IOT | Coursework Completed |
| 60. | Ms.G.Deepa Assistant Professor, CSE, MCET. | Dr.J.Ramprasath Associate Professor IT, MCET | Reg. no.: 23234697360 University: Anna University Year of Reg.: 2023 | Phishing email filtering using machine learning techniques. | Provisionally Confirmed |

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|-------|---|--|---|---|--|
| 61. | Mr.T.Kanagasabapathy Assistant Professor (SS) CSE, MCET | Dr.J.Ramprasath Associate Professor IT, MCET | Reg.No.: 23144691330 University: Anna University Year of Reg.:2022 | Analyzing the effect of computational advertisement on customer behavior in social media | Provisionally Confirmed |
| 62. | Ms. B.Suganya Assistant Professor (SS) CSE, MCET | Dr.M.L.Valarmathi Professor, CSE, MCET | Reg.No.:232334691279 University: Anna University Year of Reg.:2022 | Efficient Summarization of Reviews using multiobjective optimization | Provisionally Confirmed |
| 63. | Ms.C.Devipriya Assistant Professor (SS) CSE, MCET | Dr. M.L.Valarmathi, Professor, CSE, MCET. | Reg.No.: 22244697189 University: Anna University Year of Reg.:2022 | Enhancing Privacy Preservation and Improving utility of Sensitive Data | Provisionally Confirmed |
| 64. | Ms.N.Sumathi Assistant Professor(SS), CSE, MCET. | Dr.K.Anitha Kumari, Associate Professor, Department of Information Technology, PSG college of Technology, Coimbatore. | Reg.No.: 22244691194 University: Anna University Year of Reg.:2022 | Effective Protein Structure analysis for the Detection of Hemophilia Disease using Big data Analytics | Provisionally Confirmed |
| 65. | Ms.S.C.Lavanya, Assistant Professor (SS), CSE, MCET. | Dr.T.Sivakumar, Associate Professor, CSE, KPRIET. | Reg.No.: 22244691225 University: Anna University Year of Reg.:2022 | Optimization of Sentiment Analysis using Machine Learning Techniques | Provisionally Confirmed |

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|-------|--|---|---|--|--|
| 66. | Mr.P.Boopathirajan Assistant Professor(SS), CSE, MCET. | Dr.T.Sivakumar, Associate Professor, CSE, KPRIET. | Reg.No.: 21144697416 University: Anna University Year of Reg.:2021 | Recommendation System for Crop Disease Detection and Yield Prediction using Machine Learning Approach | Provisionally Confirmed |
| 67. | Ms.C.Jayashree Assistant Professor (SS), CSE, MCET. | Dr. M.L.Valarmathi, Professor, CSE, MCET. | Reg.No.: 21244691373 University: Anna University Year of Reg.:2021 | Study on Computer Aided Articulatory Model to enhance the performance of Speech synthesis systems | Provisionally Confirmed |
| 68. | Ms.K.Radha Assistant Professor, CSE, MCET. | Dr.S.Karthikeyan, Associate Prof.,Mech, Christian College of Engineering and Technology, Oddanchathiram. | Reg.No.: 19244797327 University: Anna University Year of Reg.:2019 | Navigation of Mobile Robots in Manufacturing System by Using Optimization Techniques | Provisionally Confirmed |
| 69. | Mr.R.Karthick Assistant Professor(SS), CSE, MCET. | Dr. T. Ganesh Kumar, Associate Professor, School of Computing Science and Engineering, Galgotias University, Noida, Uttar Pradesh. | Reg.No.: 17SCSE301023 University: Galgotias University Year of Reg.: 2019 | Intelligent Traffic Management System for Smart Cities Utilizing Reinforcement Learning Algorithm | Synopsis submitted |
| 70. | Ms.Divya S AP/CSE, CMSCET, Coimbatore | Dr.D.Sivaganesan, Professor & HoD CSE, MCET | Reg.No.: 24294697431 University: Anna University Year of Reg.:2024 | Smart Farming IoT based sustainable Agriculture | Coursework Completed |

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|-------|--|---|--|--|--|
| 71. | Ms.Ishwarya Surendran AP/CSE, CMSCET, Coimbatore | Dr.D.Sivaganesan, Professor & HoD CSE, MCET | Reg.No.: 24294697448 University: Anna University Year of Reg.:2024 | Deep Learning prediction on behaviour in helath care sector | Coursework Completed |
| 72. | Ms.Laya Rose Joseph AP/CSE, CMSCET, Coimbatore | Dr.D.Sivaganesan, Professor & HoD CSE, MCET | Reg.No.: 24294697450 University: Anna University Year of Reg.:2024 | An Artificial Intelligence based automation system | Coursework Completed |
| 73. | Ms.Vijayalakshmi V Lecturer/CSE, Vani Polytechnic College, Vaniyampadi | Dr.D.Sivaganesan, Professor & HoD CSE, MCET | Reg.No.: 24234697332 University: Anna University Year of Reg.:2024 | A machine learning approach to construct a DFA which accepts strings | Coursework Completed |
| 74. | Ms.Radha V AP/CSE VSB College of Engineering Technical Campus, Coimbatore | Dr.D.Sivaganesan, Professor & HoD CSE, MCET | Reg.No.: 24244691353 University: Anna University Year of Reg.: 2024 | Semantic clustering and resource allocation based energy aware communication with true outliers in WSN | Coursework Completed |
| 75. | Mr.C.Dhamodharan AP/ECE, RVSCET | Dr.D.Sivaganesan, Professor & HoD CSE, MCET | Reg.No.: 24129691226 University: Anna University Year of Reg.: 2024 | IOT enabled secured automation system using machine learning | Coursework Completed |
| 76. | Mr.Mohammed Ansar Ali M A Assistant professor, SKP engineering College, Tirunelveli. | Dr.D.Sivaganesan, Professor & HoD CSE, MCET | Reg.No.: 25244691394 University: Anna University Year of Reg.: 2025 | Develop a secure cryptography system using Quantum Cryptography (qc) and Post Quantum Cryptography (pqc) | Undergoing Coursework |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|---|--|---|--|--|--|
| Artificial Intelligence and Data Science | | | | | |
| 77. | Ms.S.Nandhini Assistant Professor AI&DS, MCET | Dr.Muthanantha Murugavel Professor/CSE, Karpagam College of Engineering, Coimbatore | Reg. no.: 24244691465 University: Anna University Year of Reg.: 2024 | Preparation of data for smart enterprise to improve edge and efficacy | Undergoing Coursework |
| 78. | Ms.S.R.Indurekaa, Assistant Professor AI&DS, MCET | Dr.J.Granty Regina Elwin, ASP/IT, SKCET | Reg. no.: 24249697242 University: Anna University Year of Reg.: 2024 | Deep learning-based hybrid feature extraction for medical image analysis a multi-classification approach | Coursework Completed |
| 79. | Mr.V.Eswaramurthy Assistant Professor (SS) AI&DS, MCET | Dr.J.Ramprasath Associate Professor IT, MCET | Reg. no.: 24144691195 University: Anna University Year of Reg.: 2024 | Human action recognition based on principal component analysis with Hybrid neural networks | Coursework Completed |
| 80. | Mr.T.Vijayakumar Assistant Professor AI&DS, MCET | Dr.S.Ponni alias Sathya Associate Professor, IT, MCET | Reg. no.: 24144691390 University: Anna University Year of Reg.: 2024 | Data Security Using Machine Learning Techniques | Coursework Completed |
| 81. | Ms.Anitha R Assistant Professor AI&DS, MCET | Dr.A.Bazila Banu HoD/CSBS KPR Institute of Technology Coimbatore. | Reg. no.: 21244691127 University: Anna University Year of Reg.: 2021 | Ship Detection in SAR images using a Convolutional Neural Network YOLO and BiFPN | Provisionally Confirmed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|---|---|--|--|--|
| 82. | Mr.M.Arun, Assistant Professor (SS), MCET. | Dr.M.Marikkannan, Assistant Professor, Department of CSE, Government College of Engineering, Erode. | Reg. No. 21174691298 University: Anna University Year of Reg.: 2021 | A priority-based location independent named data networking in IoT cloud framework | Provisionally Confirmed |
| 83. | Ms.M.Rajalakshmi Assistant Professor, MCET. | Dr.S.Ponni@Sathya , Associate Professor, IT, MCET. | Reg. No. 17274691518 University: Anna University Year of Reg.: 2017 | Rapid data collection with energy optimization in Wireless sensor Networks | Provisionally Confirmed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|--|--|---|---|--|--|
| Artificial Intelligence and Machine Learning and Cyber Security | | | | | |
| 84. | Ms.P.Jessie Assistant Professor AIML, MCET | Dr.R.Menaha, Associate Professor, IT, Sri Eshwar College of Engineering, Coimbatore. | Reg. no.: 25244691220 University: Anna University Year of Reg.: 2025 | Investigating Misinformation Propagation Patterns Across Social Media Using NLP Techniques | Undergoing Coursework |
| 85. | Mr.K.Kanniyarasu Assistant Professor(SS), AIML, MCET | Dr.R.Nedunchezian, Professor, CSE, CIT, Coimbatore. | Reg. no.: 2144691501 University: Anna University Year of Reg.:2021 | Improved Algorithm for Video Data Analytics | Provisionally Confirmed |
| 86. | Ms.S.Yamunadevi Assistant Professor AIML, MCET | Dr.V.K.Sudha, Professor & Head ECE, MCET. | Reg. no.: 24244691513 University: Anna University Year of Reg.: 2024 | Major depressive disorder detection from EEG signal analysis through machine learning algorithm | Coursework Completed |
| 87. | Ms Prasannablessy M Assistant Professor CYS, MCET | Dr.R.Senthil Prabha Assistant Professor IT, PSG Tech. | Reg. No.: 24244691563 University: Anna University Year of Reg.: 2024 | Certain Investigations on Real Time Lane Detection for Advanced Driver Assistance Systems Under Various Environmental and Traffic Coinditions | Coursework Completed |
| 88. | Ms.J.Rini Angeline Vinshia Assistant Professor CYS, MCET | Dr.K.Saranya Assistant Professor (SG), EEE, MCET | Reg. No.: 24244691515 University: Anna University Year of Reg.: 2024 | Design of VLSI Architecture for AI Based Digital Image Processing Applications | Coursework Completed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|--|---|---|---|--|
| 89. | Ms. Bhagavathi Priya, Assistant Professor, MCET. | Dr.Shri. Ramakrishnan, Professor and Head, EEE, SNS College of Technology, Coimbatore. | Reg. No.:21244691380 University: Anna University Year of Reg.: 2021 | A deep study on 3D Image acquisition for medical application | Synopsis submitted |
| 90. | Mr.T.Selvakumar, Assistant Professor (SS), MCET. | Dr.J. Benadict Raja, Associate Professor, CSE, PSNA College of Engineering and Technology, Dindigul. | Reg. No.21144797517 University: Year of Reg.:2021 | Pulmonary nodule detection based on CNN diagnosis the evolution and recurrence prediction | Course Work Completed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|--|---|---|--|---|--|
| Electronics and Communication Engineering | | | | | |
| 91. | Ms.S.Sivaranjani Assistant Professor, ECE, MCET. | Dr.V.K.Sudha, Professor & Head ECE, MCET. | Reg. no.: 24249697133 University: Anna University Year of Reg.: 2024 | Machine learning based Compressive sensing for the effective use of spectrum in 5G networks | Coursework Completed |
| 92. | Ms.S.Abiramasundari Assistant Professor ECE, MCET | Dr.B.Kannapiran, Professor, ECE, MCET | Reg. no.: 24249691246 University: Anna University Year of Reg.: 2024 | Development of antenna Design for Wearable Technology and Application | Coursework Completed |
| 93. | Mr.M.Vignesh Assistant Professor ECE, MCET | Dr.L.Chitra, Associate Professor, FYH, MCET. | Reg. no.: 24149691304 University: Anna University Year of Reg.: 2024 | ASIC design of analog beamforming core for medical ultrasound imaging | Coursework Completed |
| 94. | Ms.P.Vanjpriya Assistant Professor, ECE, MCET. | Dr.K.Saranya Assistant Professor (SG), EEE, MCET | Reg. no.: 23249697153 University: Anna University Year of Reg.: 2023 | ASIC design of area efficient filters for digital image processing | Course Work Completed |
| 95. | Ms.S.Dharani Assistant Professor, ECE, MCET. | Dr.K.Saranya Assistant Professor (SG), EEE, MCET | Reg. no.: 23229697497 University: Anna University Year of Reg.: 2023 | Design of efficient architectures for tag and reader mutual authentication protocol of RFID systems | Course Work Completed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|--|---|--|---|--|
| 96. | Ms.K.C.Raja Rajeshwari Assistant Professor, ECE, MCET. | Dr.N.Saravana Kumar Associate Professor, ECE, MCET | Reg. no.: 23249697154 University: Anna University Year of Reg.: 2023 | Certain investigation on design and performance analysis of various wearable antennas for MICS and ISM applications | Provisionally Confirmed |
| 97. | Mr.M.Nithyakumar Assistant Professor, ECE, MCET. | Dr.N.Saravana Kumar Associate Professor, ECE, MCET | Reg. no.: 23149697219 University: Anna University Year of Reg.: 2023 | Certain investigations on design and analysis of MIMO antennas for millimetre wave communications. | Course Work Completed |
| 98. | Mr.A.Shafeek Assistant Professor(SS), ECE, MCET | Dr. R.Sudhakar, Associate Dean – Student Research, MCET. | Reg.No.:23194691273 University: Anna University Year of Reg.:2022 | Deep learning based emotion prediction and classification using EEG signal | Provisionally Confirmed |
| 99. | Ms.N.Sugirtham Assistant Professor(SS), ECE,MCET | Dr. R.Sudhakar, Associate Dean – Student Research, MCET. | Reg.No.: 11160231013 University: Anna University Year of Reg.:2023 | Data Security using hybrid visual cryptography | Provisionally Confirmed |
| 100. | Mr.Gokul Anand Assistant Professor(SS), ECE, MCET. | Dr.B.Kannapiran, Professor, ECE, MCET | Reg.No.: 22134697264 University: Anna University Year of Reg.:2022 | Development of automated aquaponics system for sustainable agriculture | Provisionally Confirmed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|---|---|--|--|--|
| 101. | Ms.T.Sathiyapriya Assistant Professor(SS), ECE, MCET. | Dr.R.Sudhakar, Associate Dean – Student Research, MCET. | Reg.No.: 21244691291 University: Anna University Year of Reg.:2021 | Design and Development of Energy Harvesting Rectenna for Batteryless IoT Devices | Synopsis Submitted |
| 102. | Mr.V.Gurunathan Assistant Professor(SS), ECE, MCET. | Dr.R.Sudhakar, Associate Dean – Student Research, MCET. | Reg.No.: 21144691341 University: Anna University Year of Reg.:2021 | Blockchain Based Multimodal Biometric System | Thesis submitted |
| 103. | Ms.S.Thilagavathi Assistant Professor(SS), ECE, MCET. | Dr.R.Sudhakar, Associate Dean – Student Research, MCET. | Reg.No.: 22244691348 University: Anna University Year of Reg.:2021 | Development and performance enhancement of microstrip patch antenna using frequency selective surface (FSS) for MIMO system applications. | Provisionally Confirmed |
| 104. | Ms.R.Sherine Jenny Assistant Professor (SS), ECE, MCET. | Dr.R.Sudhakar, Associate Dean – Student Research, MCET. | Reg.No.: 18244697208 University: Anna University Year of Reg.:2018 | Side channel attack resistant secure implementation of block ciphers | Thesis Submitted |
| 105. | Mr.Divakaran J Assistant Professor(SS), ECE,MCET | Dr. C Arvind PSGiTech Coimbatore. | Reg.No.: 1614461345 University: Anna University Year of Reg.:2016 | Fuzzy logic based Handover Authentication in 5G Telecommunication Heterogeneous Networks. | Thesis Submitted |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|--|---|--|--|--|
| 106. | Mr.K.Sedhuramalingam, AP, Sree Sakthi Engineering College, Coimbatore. | Dr.N.Saravanakumar Associate Professor, ECE, MCET. | Reg.No.: 17143697189 University: Anna University Year of Reg.:2017 | Certain Investigations on Network Issues for secured Data Storage in Cloud Computing | Synopsis Submitted |
| 107. | Mr.A.Puviarasu AP/ECE, Sri Eshwar College of Engineering, Coimbatore. | Dr.V.K.Sudha, Professor & Head ECE, MCET. | Reg.No.: 22144697128 University: Anna University Year of Reg.:2022 | Defense mechanism and mitigation techniques for DOS attacks in wireless sensor network. | Provisionally Confirmed |
| 108. | Ms.G.Sathya AP, EEE, Tamilnadu College of Engineering | Dr.V.K.Sudha, Professor & Head ECE, MCET. | Reg.No.: 24243691198 University: Anna University Year of Reg.:2024 | Converter less solar photovoltaic control strategy for grid connected hybrid PV/Wind/Fuel cell systems | Coursework Completed |
| 109. | Ms.P.Latha AP, ECE, VSB College of Engineering and Technology | Dr.S.Bharathi, Associate Professor, ECE,MCET | Reg.No.: 24249691243 University: Anna University Year of Reg.:2024 | Certain investigations, analysis and enhancement of acoustic signals in hearing aid applications | Coursework Completed |
| 110. | Ms.S.Kanagavalli Assistant Professor,ECE, Tamilnadu College of Engineering | Dr.V.K.Sudha, Professor & Head ECE, MCET. | Reg.No.: 24243691200 University: Anna University Year of Reg.:2024 | Interleaved step-up DC-DC convertor integrated with voltage boosting technique for renewable energy applications | Coursework Completed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|--|---|--|---|--|
| 111. | Ms.N.Tamilarasi Assistant Professor Nehru Institute of Technology, Coimbatore | Dr.V.K.Sudha, Professor & Head ECE, MCET. | Reg.No.: 24249697112 University: Anna University Year of Reg.:2024 | Health care based data management and analysis using ADAM optimizer and AI for system efficiency over wireless sensor network | Coursework Completed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No. University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|---|---|---|--|---|--|
| Electrical and Electronics Engineering | | | | | |
| 112. | Ms.N.Aarthi Assistant Professor EEE, MCET | Dr.L.Chitra, Associate Professor, FYH, MCET. | Reg. No. 24243691219 University: Anna University Year of Reg.: 2024 | Modelling and Analysis of High Gain DC-DC Converters with Switched Capacitor for Bi-Directional Load Applications | Coursework Completed |
| 113. | Mr.J.Samsuresh Assistant Professor (SS) EEE, MCET | Dr.A.Senthilkumar Vice-Principal, MCET. | Reg. No. 24149691133 University: Anna University Year of Reg.: 2024 | Design and analysis of RF front ends for Cubesat communication systems | Coursework Completed |
| 114. | Ms.A.Suganya Assistant Professor EEE, MCET | Dr.A.Senthilkumar Vice-Principal, MCET. | Reg. No.24243691229 University: Anna University Year of Reg.: 2024 | IPFC Based Dynamic Voltage Stability Improvement of Hybrid Renewable Energy Systems | Coursework Completed |
| 115. | Mr.A.Venkatesh Assistant Professor (SS) EEE, MCET | Dr.A.Senthilkumar Vice-Principal, MCET. | Reg. No. 24149691130 University: Anna University Year of Reg.: 2024 | Performance Analysis of Intelligent Battery Management Systems using Bio-inspired optimization algorithms | Coursework Completed |
| 116. | Mr J. Nagarajan Assistant Professor, MCET. | Dr M Balasubramanian Prof.,EEE, ACTech, Karaikudi. | Reg. No. 17143797229 University: Anna University Year of Reg.: 2017 | Self-adaptive PID controller for buckboost convertor based on generalized hop field neural network | Synopsis Submitted |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No. University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|---|---|--|---|--|
| 117. | Mr.J.Arthur Vasanth, Assistant Professor, MCET. | Dr.P.Sivaraman, Professor and HOD, Bannari Amman Institute of Technology, Sathyamangalam | Reg. No.: 21143697212 University: Anna University Year of Reg.: 2021 | Optimization of battery charge controller for EV application | Provisionally Confirmed |
| 118. | Mr. L.Hubert Tony Raj, Assistant Professor, MCET. | Dr.S.Edward Rajan, Sr.Prof/EEE, Mepco Schlenk Engineering College | Reg. No.: 21143891161 University: Anna University Year of Reg.: 2021 | A modified DC to DC convertor with alternative energy sources for electric devices | Provisionally Confirmed |
| 119. | Mr.M.Saravanakumar Assistant Professor (SS), EEE, MCET. | Dr.L.Chitra, Associate Professor, FYH, MCET. | Reg. no.: 23143697210 University: Anna University Year of Reg.: 2023 | DC-DC convertor for renewable energy applications | Coursework Completed |
| 120. | Mr.M.Prabhu Raj Assistant Professor (SS), EEE, MCET. | Dr.L.Chitra, Associate Professor, FYH, MCET. | Reg. no.: 23143697246 University: Anna University Year of Reg.: 2023 | Modeling and Optimization of Power Quality Issues using Active filter for Renewable Energy Based Scenarios | Coursework Completed |
| 121. | Mr D Gnanaprakasam Assistant Professor (SS), EEE, MCET. | Dr.N.Saravanakumar Associate Prof essor, ECE, MCET. | Reg.No.:22144697261 University: Anna University Year of Reg.:2022 | Design and implementation of matrix converter based shunt active power filter for the enhancment of power quality | Course Work completed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No. University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|--|---|--|---|--|
| 122. | Ms K Durgalakshmi Assistant Professor(SS), EEE, MCET. | Dr.B.Kannapiran Professor, ECE, MCET | Reg.No.:21244697448 University: Anna University Year of Reg.:2021 | A reduced switch multilevel inverter based single phase shunt active filter for power quality enhancement | Provisionally Confirmed |
| 123. | Mr R Muthubharathi, Assistant Professor (SS), EEE, MCET. | Dr M Pandi Associate Professor | Reg.No.:18144697271 University: Anna University Year of Reg.:2018 | IoT implementation using Fog-edge computing with optimized power-delay | Provisionally Confirmed |
| 124. | Mr T Satheshkumar Assistant Professor (SS), EEE, MCET. | Dr T Venkatesan, Prof., EEE, KSRCT, Thiruchengode. | Reg.No.:18143697147 University: Anna University Year of Reg.:2018 | Challenges in integrating renewal energy sources with Smart Grid | Synopsis Submitted |
| 125. | Ms.V.Karpagam, Assistant Pofessor(SS), EEE, MCET. | Dr.N.Narmadhai, Associate Professor, EEE,GCT, Coimbatore. | Reg.No.:17244697523 University: Anna University Year of Reg.:2017 | Design and Implementation of optimization techniques for matrix converter with minimum switching devices. | Synopsis Submitted |
| 126. | Mr.P.Kathirvel, Assistant Professor (SS), EEE, MCET. | Dr M Kaliamoorthy, Professor, EEE, MCET. | Reg.No.:17143697272 University: Anna University Year of Reg.:2017 | Design and implementation of a Novel adaptive and predictive controller for low voltage ride through capability | Provisionally Confirmed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No. University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|---|---|---|---|--|
| 127. | Mr.G.Karthikeyan Assistant Professor, EEE, MCET. | Dr.J.Ramprasath Associate Professor IT, MCET | Reg. no.: 23149697140 University: Anna University Year of Reg.: 2023 | Certain Investigation on Denial of Service and Distributed Denial of Service attacks in Wireless Networks via Mitigation. | Provisionally Confirmed |
| 128. | Mr.P.E.Kamalakkannan, Assistant Professor (SS), EEE, MCET. | Dr.B.Vinothkumar, Professor EEE,MCET. | University: Anna university 26.05.2016 & 16143697166 | Certain Approaches for non-linear process model identification and optimization of control using soft computing techniques | Synopsis Submitted |
| 129. | Mr.Shanmuga sundaram.J.AP Vivekananda College of Engineering for Women, Tiruchengode | Dr.B.Vinothkumar, Professor EEE,MCET. | Reg.No.: 16134697350 University: Anna University Year of Reg.:2016 | Investigation on object detection and recognition in digital images | Provisionally Confirmed |
| 130. | Ms.A.Kousalyadevi Assistant Professor (SG), Lecturer, ECE,NPTC | Dr.K.Saranya Assistant Professor (SG), EEE, MCET. | Reg.No.:24249691216 University: Anna University Year of Reg.:2024 | ASIC Implementation of approximate arithmetic units for signal and image processing applications | Coursework Completed |
| 131. | Mr.C.Deepakraja Assistant Professor Electrical And Electronics Engineering CMS College of Engineering and Technology Coimbatore | Dr M Kaliamoorthy, Professor, EEE, MCET. | Reg. No. 242931180 University: Anna University Year of Reg.: 2024 | Certain investigation and Performance Analysis on Power Optimization and analysing Batteries for Electric Vehicle Charging applications | Coursework Completed |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No. University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|--|---|--|---|--|
| 132. | Siva Sharma Karthick P G AI&DS, Kamaraj College of Engineering and Technology. | Dr B.Kishore Associate Professor, EEE, MCET. | Reg.No.: 21144891306 University: Anna University Year of Reg.:2021 | Design of effective agent based access control mechanism for delay sensitive IoT networks | Provisionally Confirmed |
| 133. | Ms.Cowsalya T Assistant Professor/IT, Nehru Institute of Engineering and Technology, Coimbatore. | Dr B.Kishore Associate Professor, EEE, MCET. | Reg. No.: University: Anna University Year of Reg.: 2025 | Generative Adversarial Networks (GANS) for image-based traffic Monitoring in IoT-enabled smart cities | Undergoing Coursework |
| 134. | Mr.G.Rajamuneeswaran CSE, Builders Engineering College, Kangeyam. | Dr B.Kishore Associate Professor, EEE, MCET. | Reg. No.: University: Anna University Year of Reg.: 2025 | Harnessing Image Processing and Deep Learning Techniques For Enhanced Detection of Renel Cell Carcinoma | Undergoing Coursework |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|---------------------------------|--|--|---|------------------------|--|
| Science & Humanities | | | | | |
| 135. | Ms.N.Chithra Assistant Professor Chemistry MCET | Dr.G.Sathya Priyadarshini Assistant Professor in Chemistry PSGR Krishnammal College for Women Coimbatore | University: Bharathiar University Year of Reg.: 2023 | Inorganic Chemistry | Research work in progress |
| 136. | Ms. R. Nishanthi Assistant Professor Mathematics MCET | Dr. J. Jayasudha Associate Professor in Mathematics NGM College Pollachi | University: Bharathiar University Year of Reg.: 2023 | Topology | Research work in progress |
| 137. | Ms. N.Punitha Assistant Professor, S&H(Maths), MCET. | Dr. A. Kalavathi, Assistant Professor, Sri GVG Vishalakshi College for women, Udumalpet. | Reg. No. CRE/MAT22PNOV730/2022 University: Bharathiar University Year of Reg.: 2022 | Neutrosophic Topology | Research work in progress |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|--|--|---|--|--|
| 138. | Ms. V.Arunadevi Assistant Professor, S&H(English), MCET. | Dr. M. Subhasini, Associate Professor Department of English Sree Saraswathi Thyagaraja College, Pollachi. | Reg. No. ENG22PNOV167/2022 University: Bharathiar University Year of Reg.: 2022 | Psychological impact of a girl child about inequality between her and her male counterpart in the selected novel of Arunthathi Roy's God of Small Things | Research work in progress |
| 139. | Ms. K.Rajalakshmi, Assistant Professor, S&H(English), MCET. | Dr. M. Subhasini, Associate Professor Department of English Sree Saraswathi Thyagaraja College, Pollachi. | Reg. No. CRE/ENG22PNOV168/2022 University: Bharathiar University Year of Reg.: 2022 | Enhancing the productive skills of the second language – An experimental study | Research work in progress |
| 140. | Ms.B.Maheswari Assistant Professor, S&H(Maths), MCET. | Dr.V.Chitra, Assistant Professor, NGM College, Pollachi | Reg. No.MAT21PDEC 1039 University: Bharathiar University Year of Reg.: 2022 | Topology | Research work in progress |
| 141. | Ms.R.Vidhya Assistant Professor, S&H (English), MCET. | Dr.G.Youveniya, HoD and Assistant Professor of English, Kongunadu Arts and Science College, Coimbatore. | Reg. No.3145/B6/2018 University: Bharathiar University Year of Reg.: 2018 | Psychological trauma in the selected novels of chimamanda ngozi adichie | Synopsis Submitted |

| S.No. | Scholar Name, Designation and Institution | Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any) | Reg. No., University & Year of Reg. | Title of Research work | Status of PhD (Undergoing Coursework/ Coursework completed /Provisionally Confirmed/Synopsis submitted/Thesis submitted) |
|-------|--|---|--|---|--|
| 142. | Mr. N. Karthikeyan Assistant Professor (SS), S&H(Physics), | Dr. P. Christopher Selvin, Professor Department of Physics, Bharathiar University Coimbatore. | Reg. No.: PHY19POCT08 University: Bharathiar University Year of Reg.: 2019 | Bismuth oxide nanostructures as negative electrodes for supercapacitors | Research work is in progress |
| 143. | Mr. K. Subramanian Associate Librarian Dr. Mahalingam College of Engineering and Technology, Pollachi | Dr. G. Ulaganathan. Research Guide, Associate Professor Librarian & Head, Department of Library & Information Science, Dr. SNS. Rajalakshmi College of Arts & Science (Autonomous), Coimbatore. | CRE/LIB 22PNOV 358/2022 University: Bharathiar University 01.11.2022 | Utilization of E - Resources in Engineering College users. | Research work is in progress |