

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

**(An Autonomous Institution)**

**Office of Dean -Research & Innovation**

**PhD Scholar details**

**December 2022**

<b>S.No.</b>	<b>Scholar Name, Designation and Institution</b>	<b>Supervisor Name, Designation and Institution Joint Supervisor Name, Designation and Institution (if any)</b>	<b>Reg. No., University &amp; Year of Reg.</b>	<b>Title of Research work</b>	<b>Status of PhD (Undergoing Coursework/ Coursework completed/Synopsis submitted/Thesis submitted/Successfully completed)</b>
<b>Automobile Engineering</b>					
1.	Mr. R.Vishnuramesh kumar Assistant Professor, Auto, MCET.	Dr.T.Ramkumar, Assistant Professor(SG), Mech, MCET.	Reg. no.: 22142697117 University: Anna University Year of Reg.: 2022	Investigation of surface integrity, mechanical and tribological behaviour of ceramic coating on titanium alloy surface prepared by laser cladding for automotive applications	Undergoing Coursework
2.	Mr. N.Praveen kumar Assistant Professor(SS), Auto, MCET.	Dr.K.Lingadurai, Dean, Anna University, Madurai.	Reg.no.: 21132797244 University: Anna University Year of Reg.: 2021	Investigation on the composite phase change material for thermal management application	Undergoing Coursework

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3.	Mr. S.Mahalingam Assistant Professor, Auto, MCET.	Dr. S. Devi, AP SG, Sree Venkateswara College of Engineering, Nellore, Andhra Pradesh.	Reg. no.: 16R1612339 University: Priest University Year of Reg.: 2016	An innovative study and binary modeling of Sensor Networks in power plant using artificial neural network and multiple linear regression	Course Work Completed
4.	Dr.S.K. Ashok, Assistant Professor(SG), Auto, MCET	Dr. R.Ravindran, Professor, Mechatronics Engineering, Akshaya College of Engineering & technology, Kinathukadavu, Coimabtoe.	Reg.No.:71110331004 University: Anna University Year of Reg.: 2011	Investigation on mechanical and corrosion characteristics of friction stir welded aluminum alloy AA2014-T6 Plates	Successfully Completed
5.	Dr.M. Thirunavukkarasu Assistant Professor(SG), Auto, MCET	Dr. R.Ravindran, Professor, Mechatronics Engineering, Akshaya College of Engineering & technology, Kinathukadavu, Coimabtoe.	Reg.No.: 71110331084 University: Anna University Year of Reg.: 2011	Synthesis of cracked vegetable oil using catalyst for diesel engine application	Successfully Completed

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<b>Artificial Intelligence and Data Science</b>					
1.	Mr.D.Hari Assistant Professor(SS), AIDS, MCET.	Dr. A.Rathinavelu, Senior Professor, CSE, MCET.	Reg.No.: 21144691428 University: Anna University Year of Reg.:2021	Investigation of Augmented Reality Components for Effective Interaction Design using UX Metrics.	Coursework Completed

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<b>Civil Engineering</b>					
1.	Mr. A. Praveen Kumar Assistant professor, 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	Undergoing Coursework
2.	Mr.A.Manikandan, Assistant Professor, Civil, MCET.	Dr. K. Murali, Prof. and Head, Civil, MCET.	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	Coursework Completed
3.	Mr.S.Syed Masoodhu Assistant Professor, Civil, MCET.	Dr. N. Natarajan, Associate 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	Coursework Completed
4.	Mr. S. Krishnakumar Assistant professor(SS), Civil, MCET.	Dr. V. Sreevidya, Professor, Sr Krishna college of technology, Coimbatore.	Reg.No.: 16151697167 University: Anna University Year of Reg.: 2016	Assessment of GIS based groundwater quality index using soil adjusted vegetation index and modified DRASTIC modeling in parts of Coimbatore district, Tamil Nadu, India	Synopsis Submitted
5.	Mr. R. Sudharshan Sri Ramakrishna institute of technology, Coimbatore.	Dr. K. Murali, Prof. and Head, Civil, MCET.	Reg.No.: 22131697120 University: Anna University Year of Reg.: 2022	Towards sustainability and smart mobility in development of smart cities	Undergoing Coursework

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6.	Mr. C. Gurumoorthy National engineering college, Kovilpatti.	Dr. K. Murali, Prof. and Head, Civil, MCET.	Reg.No.: 22131697122 University: Anna University Year of Reg.:2022	Investigation on engineered cementitious composites based concrete	Undergoing Coursework
7.	Mr. K. Sambath Sri Ramakrishna institute of technology, Coimbatore.	Dr. K. Murali, Prof. and Head, Civil, MCET.	Reg.No.: 22151697121 University: Anna University Year of Reg.:2022	Impact of construction industry during covid-19 pandemic crisis and its mitigation measures	Undergoing Coursework
8.	Mr.J.Amirtharaj PhD Scholar.	Dr. M. Mariappan, Associate Professor, Civil, MCET.	Reg.No.: 22141997130 University: Anna University Year of Reg.:2022	Performance of beam reinforced with aluminium metal matrix composites as an alternate to steel rebar	Undergoing coursework
9.	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
10.	Mr. M. F. Nazeer Ahamed Aalim Muhammed Salegh college of engineering, Chennai.	Dr. M. Mariappan Associate Professor, Civil, MCET.	Reg.No.: 19181997119 University: Anna University Year of Reg.:2019	Development of construction accident investigation model using root cause analysis	Coursework Completed
11.	Ms. S.Yamini Roja Sri Ramakrishna institute of technology, Coimbatore.	Dr. K. Murali (Co-Guide) Prof. and Head, Civil,MCET	Reg.No.: 18231591129 University: Anna University Year of Reg.:2018	Health monitoring of structures	Coursework Completed

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<b>Computer Science and Engineering</b>					
1.	Ms.C.Devipriya Assistant Professor, 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	Undergoing Coursework
2.	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	Undergoing Coursework
3.	Ms.S.C.Lavanya, Assistant Professor (SS), CSE, MCET.	Dr. A. Rathinavelu, Senior Professor, CSE, MCET.	Reg.No.: 22244691225 University: Anna University Year of Reg.:2022	Optimization of Sentiment Analysis using Machine Learning Techniques	Undergoing Coursework
4.	Mr.P.Boopathirajan Assistant Professor(SS), CSE, MCET.	Dr. A. Rathinavelu, Senior Professor, CSE, MCET.	Reg.No.: 21144697416 University: Anna University Year of Reg.:2021	Recommendation System for Crop Disease Detection and Yield Prediction using Machine Learning Approach	Undergoing Coursework

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5.	Ms.C.Jayashree Assistant Professor (SS), CSE, MCET.	Dr. A. Rathinavelu, Senior 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	Coursework Completed
6.	Ms.R.Dhivya Assistant Professor, CSE, MCET.	Dr.K.Vishnu kumar, Associate Professor, CSE, KPR Institute of Engineering and Technology, Arasur.	Reg.No.: 19244697169 University: Anna University Year of Reg.:2019	Secure Intelligent Cyber Physical Transportation system using Deep learning Algorithms	Coursework Completed
7.	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	Coursework Completed
8.	Ms,Malavika R Assistant Professor, Govt. College of Technology, Coimbatore.	Dr. M.L.Valarmathi, Professor, CSE, MCET.	Reg.No.: 1523469399 University: Anna University Year of Reg.:2015	Software Defined Networking	Thesis Submitted
9.	Ms.Aswini C Assistant Professor, Govt. College of Technology, Coimbatore.	Dr. M.L.Valarmathi, Professor, CSE, MCET.	Reg.No.: 1527469397 University: Anna University Year of Reg.:2015	Routing in Software Defined Networking	Synopsis Submitted

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10.	Mr.Arunkumar S Assistant Professor, CSE, Nehru Institute of Engineering and Technology, Coimbatore.	Dr. M.Pandi, Associate Professor, CSE, MCET.	Reg.No.: 1513369790 University: Anna University Year of Reg.:2015	Routing Techniques in wireless sensor network	Thesis Submitted
11.	Ms.Sumathi L Assistant Professor, Govt. College of Technology, Coimbatore.	Dr. M.L.Valarmathi, Professor, CSE, MCET.	Reg.No.: 1424469784 University: Anna University Year of Reg.:2014	Middleware in IoT	Course Work Completed
12.	Dr.N. Gobi Assistant Professor(SG), CSE,MCET.	Dr.A.Rathinavelu, Senior Professor, CSE, MCET.	Reg.No.: 71110631012 University: Anna University Year of Reg.:2011	An improvised context based fuzzy approach for product ranking based on implicit features	Successfully Completed
13.	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 University: Anna University Year of Reg.:2013	Optimization of Web Page Recommendation Using Machine Learning Techniques	Successfully Completed
14.	Dr.V.Priya, Assistant Professor(SS), CSE,MCET.	Dr.K.Umamaheswari, Professor, Information Technology PSG College of Technology, Coimbatore.	Reg.No.: 11160231013 University: Anna University Year of Reg.:2013	Certain Investigations on Machine Learning Techniques for Text Summarization	Successfully Completed

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<b>Electronics and Communication Engineering</b>					
1.	Mr.Gokul Anand Assistant Professor, 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	Provisional registration completed
2.	Ms.T.Sathiyapriya Assistant Professor, ECE, MCET.	Dr.R.Sudhakar, Prof. and Head, ECE, MCET.	Reg.No.: 21244691291 University: Anna University Year of Reg.:2021	Design and Development of Energy Harvesting Rectenna for Batteryless IoT Devices	Doing Course work
3.	Mr.V.Gurunathan Assistant Professor, ECE, MCET.	Dr.R.Sudhakar, Prof. and Head, ECE, MCET.	Reg.No.: 21144691341 University: Anna University Year of Reg.:2021	Blockchain Based Multimodal Biometric System	Doing Course work
4.	Ms.S.Thilagavathi Assistant Professor, ECE, MCET.	Dr.R.Sudhakar, Prof. and Head, ECE, 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.	Doing Course work
5.	Ms.R.Sherine Jenny Assistant Professor (SS), ECE, MCET.	Dr.R.Sudhakar, Prof. and Head, ECE, MCET.	Reg.No.: 18244697208 University: Anna University Year of Reg.:2018	Side channel attack resistant secure implementation of block ciphers	Confirmation Received

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6.	Mr.G.Janakiraman Assistant Professor, Auto, MCET.	Dr.N.Saravanakumar, Associate Professor, ECE, MCET.	Reg.No.: 22143697105 University: Anna University Year of Reg.:2022	Energy Management in Electrical powered vehicle.	Provisional registration completed
7.	Mr.J.Senthil Kumar Assistant Professor, EEE, MCET.	Dr.K.Mohaideen Abdul Kadhar, Associate Professor, ECE, MCET.	Reg.No.: 21143697175 University: Anna University Year of Reg.:2021	Certain investigation on Design optimization in wireless sensor networks	Doing Course work
8.	Mr.A.Puviarasu AP/ECE, Sri Eshwar College of Engineering, Coimbatore.	Dr.V.K.Sudha, Professor, ECE, MCET.	Reg.No.: 22144697128 University: Anna University Year of Reg.:2022	Defense mechanism and mitigation techniques for DOS attacks in wireless sensor network.	Provisional Registration completed
9.	Mr.J.Dhanansekar AP/ECE, Sri Eshwar College of Engineering, Coimbatore.	Dr.V.K.Sudha, Professor, ECE, MCET.	Reg.No.: 16144697235 University: Anna University Year of Reg.:2016	ASIC Implementation of RRAM by adiabatic Logic for low power applications.	Confirmation Received
10.	Mr.D.Kumar AP/ECE, PA College of Engineering and Technology, Pollachi.	Dr.V.K.Sudha, Professor, ECE, MCET.	Reg.No.: 1514469853 University: Anna University Year of Reg.:2015	Image Encryption with lossless / Lossy Compression	Confirmation Received
11.	Mr.Silambarasan D AP/ECE, Anna University Regional Centre, Coimbatore.	Dr.K.N.Vijeyakumar, Associate Professor, ECE, MCET.	Reg.No.: 1513469430 University: Anna University Year of Reg.:2015	High speed residue system for cryptography applications	Confirmation Received

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12.	Mr.Maragatharaj S AP/ECE, Knowledge Institute of Technology,Kakapalayam, Chennai.	Dr.K.N.Vijeyakumar Associate Professor, ECE, MCET.	Reg.No.: 1613469289 University: Anna University Year of Reg.:2016	Design of massive input multi output low power variable digital filter banks for ultra wide band spectrum sensing in cognitive radio systems.	Confirmation Received
13.	Mr.Nelson Kingsley Joel.P AP/ECE, Sri Ranganathan Engineering College, Coimbatore.	Dr.K.N.Vijeyakumar Associate Professor, ECE, MCET.	Reg.No.: 1514469960 University: Anna University Year of Reg.:2015	Implementation of Efficient Algorithms for Removal of Noises in Digital Images	Confirmation Received
14.	Mr.Lenin Raja AP/ECE, Sri Vidhya College of Engg. & Tech., Virudhunagar.	Dr.K.N.Vijeyakumar Associate Professor, ECE, MCET.	Reg.No.: 1514469152 University: Anna University Year of Reg.:2015	An Enhanced switching technique for reducing power consumption using multi dynamic node	Confirmation Received
15.	Mr.Nagarajan S Assistant Engineer,TNEB, Tamilnadu Electricity Board, Devanurpudur, Pollachi	Dr.K.N.Vijeyakumar Associate Professor, ECE, MCET.	Reg.No.: 1514469434 University: Anna University Year of Reg.:2015	Design of Bidirectional Switched Boost Converter for Efficient over Flow in AC/DC Hybrid Microgrid	Synopsis Submitted
16.	Ms.P.Gnanambikai Lecturer (SG), NPTC,Pollachi.	Dr.K.N.Vijeyakumar Associate Professor, ECE, MCET.	Reg.No.: 16244697154 University: Anna University Year of Reg.:2016	Design of Efficient VLSI architecture for image De- Noising	Confirmation Received

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17.	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	Confirmation Received
18.	Dr.S.Bharathi, Assistant Professor (SG), ECE, MCET.	Dr.R.Sudhakar, Prof. and Head, ECE, MCET.	Reg.No.:100910255002 University: Anna University Year of Reg.:2010	Certain Investigations on hand vein based multimodal biometrics	Successfully Completed

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<b>Electrical and Electronics Engineering</b>					
1.	Mr D Gnanaprakasam Assistant Professor, EEE, MCET.	Dr.N.Saravanakumar Associate Professor, 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 enhancement of power quality	Course work registration in process

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2.	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	Course Work completed
3.	Mr R Muthubharathi, Assistant Professor(SS), EEE, MCET.	Dr M Pandi Associate Professor, CSE, MCET.	Reg.No.:18144697271 University: Anna University Year of Reg.:2018	IoT implementation using Fog-edge computing with optimized power-delay	Course Work Completed - Registration confirmed
4.	Mr T Satheskumar Assistant Professor, 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	Course Work Completed - Registration confirmed
5.	Mr T Anand Kumar Assistant Professor(SS), EEE, MCET.	Dr M Kaliamoorthy, Associate Professor & Head, EEE, MCET.	Reg.No.:17143697218 University: Anna University Year of Reg.:2017	Design and implementation of Grid connected single phase multilevel inverter for photovoltaic application	Course Work Completed - Registration confirmed
6.	Mr J. Nagarajan Assistant Professor, EEE, MCET.	Dr M Balasubramonian Prof.,EEE, ACTech, Karaikudi.	Reg.No.:17143797229 University: Anna University Year of Reg.:2017	Self-adaptive pi controller for buck boost converter Based on generalised hopfield neural network	Course Work Completed - Registration confirmed
7.	Ms K Saranya Assistant Professor(SS), EEE, MCET.	Dr K N Vijeyakumar Associate Professor, ECE, MCET.	Reg.No.:16244697151 University: Anna University Year of Reg.:2016	Design and implementation of reversible VLSI architectures for image cryptography	Thesis Submitted

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8.	Dr.J.Amudha, Associate Professor, EEE.MCET.	Dr.R.Sudhakar, Prof. and Head, ECE, MCET.	Reg.No.:10910522001 University: Anna University Year of Reg.:2009	Certain Investigations on Algorithms for Restoration of Digital Images	Successfully Completed
9.	Dr.K.Umamaheswari Assistant Professor(SG) EEE, MCET.	Dr.N.Devarajan, Professor/EEE, Government College of Technology, Coimbatore	Reg.No.:71010422023 University: Anna University Year of Reg.:2010	Certain Optimization Algorithms with Neural Network models for solving Dedp in Power System Applications and Renewable Energy Design for Rural Electrification.	Successfully Completed
10.	Dr.L.Chitra Associate Professor, EEE, MCET.	Dr.M.Karpagam, Associate Professor/EEE Hindusthan college of Engineering and Technology,Coimbatore	Reg.No.: 1324369134 University: Anna University Year of Reg.:2013	Certain investigations on the design and performance analysis of two input boost converter based on voltage multiplier cell	Successfully Completed
11.	Dr.G.Sophia Jasmine Assistant Professor, EEE, MCET.	Dr.P.Vijayakumar, Professor/EEE Karpagam College of Engineering, Coimbatore	Reg.No.: 11210432024 University: Anna University Year of Reg.:2012	Comparison of optimization algorithm with series FACTS technology for solving transmission congestion in deregulated power systems	Successfully Completed

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12.	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 University: Anna University Year of Reg.:2009	Development and Implementation of New Control Schemes for Process Control Applications using Programmable Logic Controllers	Successfully Completed
13.	Dr B.Kishore Assistant Professor(SG), EEE, MCET.	Dr N P Ananthamoorthy, Professor,EEE Hindusthan College of Engineering and Technology, Coimbatore	Reg.No.:16154697268 University: Anna University Year of Reg.:2016	Certain Investigations on Detection of Glaucoma using Image Processing and Machine Learning Approaches	Successfully Completed

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<b>Electronics and Instrumentation Engineering</b>					
1.	Ms.V.Karpagam, Assistant Pofessor(SS), EIE, 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.	Course Work Completed
2.	Mr.P.Kathirvel, Assistant Professor(SS), EIE,MCET.	Dr.M.Kaliamoorthy, Prof. and Head, EEE, MCET.  Joint Supervisor: Dr.R.Senthilkumar, Professor/EEE, Vivekananda College of Engineering for Women, Namakkal – 637205.	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	Course Work Completed
3.	Mr.L.Jayaraman, Assistant Professor, EIE,MCET.	Dr.V.Gopalakrishnan, Professor/EEE, Government College of Technology, Coimbatore.	Reg.No.:18143697135 University: Anna University Year of Reg.:2018	Design and Implementation of efficient networked non linear control system.	Provisional Registration Confirmed
4.	Dr.T.Gopalakrishnan, Assistant Professor(SS), EIE,MCET.	Dr.S. Ramakrishnan, Dean R&I and HoD/IT, MCET.	Reg.No.:10910421013 University: Anna University Year of Reg.:2009	Image Encryption Using Multiple Chaotic Maps In Hybrid Domain	Successfully Completed

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5.	Dr.Anthony Jesudurai S Assistant Professor (SS), EIE/MCET.	Dr. A. Senthilkumar, Dean-AA & Senior Professor, MCET.	Reg.No.:11210431004 University: Anna University Year of Reg.:2012.	An Effective Method of Data Acquisition in Wireless Sensor Network	Successfully Completed

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<b>Information Technology</b>					
1.	Ms.S.Soundariya Assistant Professor(SS), IT, MCET.	Dr.S.V Manisekaran, Assistant Professor, IT, Anna University Regional Campus, Coimbatore.	Reg. No. 22244691336 University: Anna University Year of Reg.: 2022	Cross Domain Recommendation system	Undergoing Coursework
2.	Ms.D.Janani Assistant Professor(SS), IT, MCET.	Dr.V.R.Vijaykumar, Associate Professor, Department of ECE, Anna University Regional Centre, Coimbatore.	Reg. No. 22244691404 University: Anna University Year of Reg.: 2022	Predictive Analysis approach for Healthcare applications	Undergoing Coursework
3.	Ms.K.Saranya, Assistant Professor, IT, MCET.	Dr.M.Prakash Professor/IT, KCE-CBE.	Reg. No. 21244691184 University: Anna University Year of Reg.: 2018	Data flow control and path planning in VANET	Coursework completed
4.	Ms.A.G.Priya Varshini Assistant Professor(SS), IT, MCET.	Dr.K.Anitha Kumari Associate Professor, Dept. of IT, PSG Tech. Coimbatore.	Reg. No. 18244697282 University: Anna University Year of Reg.: 2018	Predictive analytics approaches for Software Effort Estimation	Coursework completed

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5.	Dr.J.Ramprasath, Assistant Professor(SS), IT, MCET.	Dr.V.Seethalakshmi, Associate Professor, KPR Institute of Technology, Coimbatore.	Reg. No. 1523479937 University: Anna University Year of Reg.: 2015	Certain investigation on secure access of resource in networks	Successfully completed
6.	Dr.R.Menaha, Assistant Professor(SS), IT, MCET.	Dr.VE.Jayanthi Professor/ECE PSNA College of Engineering and Technology, Dindigul.	Reg. No. 1523479937 University: Anna University Year of Reg.: 2015	Acronym Based Query Recommendation Using Machine Learning Techniques	Successfully completed
7.	Dr.L.Meenachi Assistant Professor(SG), IT, MCET.	Dr.S. Ramakrishnan, Dean R&I and HoD/IT, MCET.	Reg. No. 11210632020 University: Anna University Year of Reg.: 2012	Development of Fuzzy rough set based feature selection algorithms for cancer data classification	Successfully completed
8.	Dr.N.Krishnaraj, Assistant Professor, IT, MCET.	Dr.S.Smys Professor & Head / IT, Karpagam College of Engineering, Coimbatore.	Reg. No. 1514469914 University: Anna University Year of Reg.: 2015	Multi homed Routing for power Efficiency to support internet of Things	Successfully completed
9.	Dr.S.Nithya Assistant Professor(SS), AIDS, MCET.	Dr.S. Ramakrishnan, Dean R&I and HoD/IT, MCET.	Reg.No.: 11210632023 University: Anna University Year of Reg.: 2012	Improved Extension of Local Binary Pattern In Wavelet Domain For Texture Classification.	Successfully 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/Synopsis submitted/Thesis submitted/Successfully completed)
10.	Dr.S. Ponni @ Sathya, Assistant Professor(SG), IT, MCET.	Dr.S. Ramakrishnan, Dean R&I and HoD/IT, MCET.	Reg. No. 71110632035 University: Anna University Year of Reg.: 2011	Development of Imperceptible and Robust Video watermarking Techniques in DWT-SVD Domain	Successfully completed
11.	Dr.P. Sathiyamurthi Assistant Professor(SG), IT, MCET.	Dr.S. Ramakrishnan, Dean R&I and HoD/IT, MCET.	Reg. No. 11110531037 University: Anna University Year of Reg.: 2011	Development of speech encryption algorithms using multiple chaotic and hyper chaotic maps	Successfully completed
12.	Dr.A.S.Muthanantha Murugavel, Associate Professor, IT, MCET.	Dr.S. Ramakrishnan, Dean R&I and HoD/IT, MCET.	Reg. No. 7081062114 University: Anna University Year of Reg.: 2008	EEG Classification for epileptic seizure detection using FUZZY rules and layered multi class SVM.	Successfully completed
13.	Dr.C.Arun Kumar, Associate Professor, CSE, Amrita School of Engineering, Coimbatore.	Dr.S. Ramakrishnan, Dean R&I and HoD/IT, MCET.	Reg. No. 71010631003 University: Anna University Year of Reg.: 2010	Customized fuzzy rough quick reduct for attribute selection in microarray data	Successfully completed
14.	Dr.U.Venkadesh Kumar, Associate Professor, ECE, Bannari Amman Institute of Technology Sathyamangalam.	Dr.S. Ramakrishnan, Dean R&I and HoD/IT, MCET.	Reg. No. 71110531038 University: Anna University Year of Reg.: 2011	Cooperative Spectrum Sensing Techniques Using Fuzzy Logic And Genetic Algorithm	Successfully completed

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<b>Mechanical Engineering</b>					
1.	Mr. R. Bharathiraja, Assistant Professor, Mech, MCET.	Dr. T. Ramkumar, Assistant Professor(SG), Mech, MCET.	Reg. No. 21152691207 University: Anna University Year of Reg.: 2021	Experimentation of effect of particle size on hydrothermal performance of heat exchanger using hybrid nano fluid	Coursework completed
2.	Mr. M. Arun Assistant Professor, Mech, MCET.	Dr. I. Rajendran, Senior Professor and Head, Mech, MCET.	Reg. No. 20142691132 University: Anna University Year of Reg.:2019	Experimental Investigation on heat transfer enhancement and accompanied pressure drop in a heat exchanger using bio-synthesized nanofluid	Coursework Completed
3.	Mr. Sreejith. S. Nair Assistant Professor(SS), Mech, MCET.	Dr. I. Rajendran, Senior Professor and Head, Mech, MCET.	Reg. No. 19152697209 University: Anna University Year of Reg.:2019	Experimental Investigation on welding of Hastelloy.	Coursework Completed
4.	Mr. M. Gideon Ganesh Assistant Professor(SS), Mech, MCET.	Dr. I. Rajendran, Senior Professor and Head, Mech, MCET.	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	Coursework Completed

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5.	Mr. S.V. Gurupranes, Assistant Professor, Mech, MCET.	Dr. I. Rajendran, Senior Professor and Head, Mech, MCET.	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	Coursework Completed
6.	Mr. Vijayakannan, Assistant Professor(SS), Mech, MCET.	Dr. I. Rajendran, Senior Professor and Head, Mech, MCET.	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.	Coursework Completed
7.	Mr. C. Radhakrishnan, Assistant Professor(SS), Mech, MCET.	Dr. I. Rajendran, Senior Professor and Head, Mech, MCET.	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	Coursework completed
8.	Mr.T.Vignesh Kumar, Assistant Professor, Mech, MCET.	Dr. Rama Thirumurugan, Professor, Mech, MCET.	Reg. No. 16142697220 University: Anna University Year of Reg.:2016	Influence of Cryogenic treatment on the Metallurgy and mechanical properties of High alloy steels	Awaiting for viva

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9.	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	Coursework Completed
10.	Mr. P. Srirajajaran NPTC.	Dr. Rama Thirumurugan, Professor, Mech, MCET.	Reg. No. 22142697128 University: Anna University Year of Reg.:2022	Study of properties of the Activated Carbon produced from Coconut Tree Wastes	Undergoing Coursework
11.	Dr.S.Madhusudhanan, Assistant professor (SG), Mech, MCET.	Dr. I. Rajendran, Senior Professor and Head, Mech, MCET.	Reg. No. 71010321041 University: Anna University Year of Reg.: 2010	Investigation On Mechanical And Tribological Behaviour Of Austempered Ductile Iron (Adi) For Automobile Application	Successfully completed
12.	Dr.N.Shanmuga Sundaram, Assistant Professor(SG), MCET	Dr. I. Rajendran, Senior Professor and Head, Mech, MCET.	Reg. No. 11210331099 University: Anna University Year of Reg.: 2012	Studies on mulberry and areca palm leaf stalk fibre composite materials	Successfully completed
13.	Dr.B.Shreeram, AP(SS) Dr.NGP Institute of Technology	Dr. I. Rajendran, Senior Professor and Head, Mech, MCET.	Reg. No. 11210331100 University: Anna University Year of Reg.: 2012	Development and Characterization of Mullite Lanthanum Oxide Thermal Barrier Coatings on A356 Aluminium Piston Crown for IC Engine	Successfully completed

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14.	Dr.C.Clement Christy Deepak P.A.College of Engineering and Technology	Dr. Rama Thirumurugan, Professor, Mech, MCET.	Reg. No. 1414269101 University: Anna University Year of Reg.: 2012	Feasibility study on Non-Standard spur Gear Drive for Automobile application	Successfully completed
15.	Dr.N.Gnanasekar Assistant Professor, P.A College of Engg & Tech,Pollachi	Dr. Rama Thirumurugan, Professor, Mech, MCET.	Reg. No. 11210331100 University: Anna University Year of Reg.: 2012	Fatigue and Fracture studies on power transmission Gear drive	Successfully completed
16.	Dr. M.Jayaraj Assistant Professor, P.A College of Engg & Tech,Pollachi	Dr. Rama Thirumurugan, Professor, Mech, MCET.	Reg. No. 1414269766 University: Anna University Year of Reg.: 2014	Design and Fabrication of Natural Fiber Reinforced composite Gear and its performance analysis	Successfully completed
17.	Dr.M. Muthuraj Assistant Professor, Akshaya College of Engg & Tech, Kinathukadavu.	Dr. Rama Thirumurugan, Professor, Mech, MCET.	Reg. No. 1512269246 University: Anna University Year of Reg.: 2014	Study and functionally Graded Material for Orthopedic application / bio mechanics	Successfully completed

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<b>Mechatronics</b>					
1.	M.Giridharadhayalan, Assistant Professor(SS), Mechatronics, MCET.	Dr.T.Ramkumar, Assistant Professor(SG) 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.	Coursework completed
2.	Dr.P.Karuppusamy Assistant Professor(SS), Mechatronics, MCET.	Dr. K. Lingadurai, Associate Professor, University College of Engineering, Dindigul.	Reg.No.: 16142797173 University: Anna University Year of Reg.: 2016	Experimental Investigations on the Suitability of Al/Mg MMC in Automotive Brake rotor Application.	Successfully Completed

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<b>Master of Computer Applications</b>					
1.	Mr.K.Madhusudanan, Assistant Professor, MCA, MCET.	Dr. A.Rathinavelu, Senior Professor CSE, MCET	Reg. No.21157691132 University: Anna University Year of Reg.: 2021	Web Personalization of User in Recommender Systems based on Semantic Analysis	Coursework completed
2.	Dr.S.Devaraju, Assistant Professor (SS), MCA, MCET.	Dr.S. Ramakrishnan, Dean R&I and HoD/IT, MCET.	Reg. No.10910121034 University: Anna University Year of Reg.: 2009	Entropy Based Feature Selection And Rule Based Approaches For Intrusion Detection System	Successfully Completed
3.	Dr.K.Karpagam Assistant Professor. MCA, MCET.	Dr.A.Saradha, Associate Professor & HOD/CSE IRTT, Erode.	Reg. No.71110132029 University: Anna University Year of Reg.: 2011	A study on optimized information retrieval techniques for question answering system	Successfully Completed

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<b>Science &amp; Humanities</b>					
1.	Ms.B.Maheswari Assistant Professor, S&H( Maths), MCET.	Dr.V.Chitra, Assistant Professor, NGM College, Pollachi	Reg. No.MAT21PDEC 1039 University: Bharathiyar University Year of Reg.: 2022	Topology	Research work is in progress
2.	Ms.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 University: Bharathiyar University Year of Reg.: 2019	A noval approach on johan chromatic core subgraph and johan zagreb indices of molecular structures and their applications	Synopsis Submitted
3.	Ms.K.Kalaiselvi Assistant Professor(SS), S&H( Maths), MCET.	Dr. N.Mohanapriya, Asst.Prof, Dept of Mathematics, Kongunadu Arts and Science College, Coimbatore.	Reg. No.10378/B5/2019 University: Bharathiyar University Year of Reg.: 2019	r- dynamic coloring	Research work is in progress
4.	Ms.B.Bala Vijaya Priya Assistant Professor, S&H (English), MCET.	Dr. V.Ramanathan, Assistant Professor, Dept. of English, Govt. Arts College, Udumalai.	Reg. No.31474/B2/2018 University: Bharathiyar University Year of Reg.: 2018	Existentialism in Mistry's novels	Synopsis Submitted

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5.	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: Bharathiyar University Year of Reg.: 2018	Psychological trauma in the selected novels of chimamanda ngozi adichie	Synopsis Submitted
6.	Ms.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	Differential Equations	Synopsis Submitted
7.	Ms.R Bhuvaneswari Assistant Professor, S&H (English), MCET.	Dr. S. Lavanya, Assistant Professor, Dept. of English, PSGR Krishnammal College of Arts and Science, Coimbatore	Reg. No.B1/2016 University: Bharathiyar University Year of Reg.: 2016	Feminism in novels	Research work is in progress