

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

**Office of Dean -Research & Innovation**

**PhD Scholar details**

**August 2023**

<b>S.No.</b>	<b>Name of the Department</b>	<b>No. of Ongoing Scholars</b>
1.	Department of Automobile Engineering	5
2.	Department of Civil Engineering	12
3.	Department of Mechanical Engineering	8
4.	Department of Mechatronics	2
5.	Department of Information Technology	12
6.	Department of Computer Science and Engineering	11
7.	Department of Artificial Intelligence and Data Science	3
8.	Department of Artificial Intelligence and Machine Learning	6
9.	Department of Electronics and Communication Engineering	16
10.	Department of Electrical and Electronics Engineering	14
11.	Department of Electronics and Instrumentation Engineering	3
12.	Department of Science and Humanities	10
	<b>Total</b>	<b>102</b>

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)
<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. 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
3.	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	Course Work Completed

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4.	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	Course Work Completed
5.	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	Course Work Completed

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<b>Civil Engineering</b>					
6.	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	Coursework Completed
7.	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
8.	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
9.	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	Thesis Submitted
10.	Mr. P.S.Sathish Kumar, Assistant professor, 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	Undergoing Coursework

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11.	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	Coursework Completed
12.	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	Coursework Completed
13.	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	Coursework Completed
14.	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	Coursework Completed
15.	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
16.	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

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17.	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>Mechanical Engineering</b>					
18.	Mr.R.Gunasekaran, Asistant 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	Coursework Completed
19.	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
20.	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
21.	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	Synopsis Submitted

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22.	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
23.	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
24.	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	Coursework Completed
25.	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	Coursework Completed



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<b>Mechatronics</b>					
26.	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
27.	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

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<b>Information Technology</b>					
28.	Ms.T.Sumathi Assistant Professor, IT, MCET.	Dr.N.Yuvaraj, Professsor & 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	Undergoing Coursework
29.	Mr. N.Praveen Sundra kumar Assistant Professor, IT, MCET.	Dr.S.Ramakrishnan Professor/IT, Dean R&I, MCET.	Reg. no.: 23144697195 University: Anna University Year of Reg.: 2023	Malware classification using image texture analysis	Undergoing Coursework
30.	Ms.P.Kalaivani Assistant Professor, IT, MCET.	Dr.S.Ramakrishnan Professor/IT, Dean R&I, MCET.	Reg. no.: 23254697209 University: Anna University Year of Reg.: 2023	Recommendation System for Application Developers	Undergoing Coursework
31.	Ms.K.S.Sudhishna Assistant Professor, IT, MCET.	Dr.S.Ramakrishnan Professor/IT, Dean R&I, MCET.	Reg. no.: 23294697229 University: Anna University Year of Reg.: 2023	Depression detection using machine learning based text emotion analysis	Undergoing Coursework
32.	Ms.G.Saranya Assistant Professor, IT, MCET.	Dr.S.Ramakrishnan Professor/IT, Dean R&I, MCET.	Reg. no.: 23234697232 University: Anna University Year of Reg.: 2023	Privacy preserving using federated learning	Undergoing Coursework

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33.	Mr.R.Prabhu Assistant Professor, 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	Undergoing Coursework
34.	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	Coursework completed
35.	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	Coursework completed
36.	Ms.K.Saranya, Assistant Professor, IT, MCET.	Dr.S.Ramakrishnan Professor/IT, Dean-R&I, MCET.	Reg. No. 21244691184 University: Anna University Year of Reg.: 2021	Data flow control and path planning in VANET	Coursework completed

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37.	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	Synopsis Submitted
38.	Mr.C.Jeevanantham, Assistant Professor, IT, MCET.	Dr.C.Ramakrishnan, Professor, EEE, SNS College of Technology.	Reg. No. 17144697562 University: Anna University Year of Reg.: 2017	A novel FPGA architecture with RRAM based interconnects using swapped CMOS Technology	Coursework Completed
39.	Ms.S.Sudha Assistant Professor MCA, R.V.S College of Engineering	Dr. A.B.Arockia Christopher Associate Professor, IT., MCET.	Reg. No. 1623489129 University: Anna University Year of Reg.: 2016	Image Enhancement and Classification using ultra sound baby scan	Coursework Completed

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<b>Computer Science and Engineering</b>					
40.	Ms.G.Deepa Assistant Professor, CSE, MCET.	Dr.J.Ramprasath AP(SS), IT, MCET	Reg. no.: 23234697360 University: Anna University Year of Reg.: 2023	Phishing email filtering using machine learning techniques.	Undergoing Coursework
41.	Mr.T.Kanagasabapathy Assistant Professor/CSE, MCET	Dr. M.Pandi, Associate Professor, CSE, MCET	Reg.No.: 23144691330 University: Anna University Year of Reg.:2022	Analyzing the effect of computational advertisement on customer behavior in social media	Undergoing Coursework
42.	Ms. B.Suganya Assistant Professor/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	Undergoing Coursework
43.	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	Coursework Completed
44.	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	Coursework Completed

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45.	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	Coursework Completed
46.	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	Coursework Completed
47.	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	Coursework Completed
48.	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
49.	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
50.	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

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<b>Artificial Intelligence and Data Science</b>					
51.	Ms.R.Geetha Rajakumari Assistant Professor, AI&DS, MCET.	Dr.D.Karthika Renuka Professor Department of IT PSG College of Technology	Reg. no.: 23234697379 University: Anna University Year of Reg.: 2023	Certain Investigations on Multilingual Automatic Speech Recognition using Deep Learning Techniques	Undergoing Coursework
52.	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
53.	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	Course Work Completed

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<b>Artificial Intelligence and Machine Learning</b>					
54.	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	Course Work Completed
55.	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	Course Work Completed
56.	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.	Course Work Completed
57.	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	Course Work Completed
58.	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	Course Work Completed



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59.	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	Course Work Completed

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<b>Electronics and Communication Engineering</b>					
60.	Ms.P.Vanji priya Assistant Professor, ECE, MCET.	Dr.K.N.Vijeyakumar Professor, AI&ML and CYS, MCET.	Reg. no.: 23249697153 University: Anna University Year of Reg.: 2023	ASIC design of area efficient filters for digital image processing	Undergoing Coursework
61.	Ms.S.Dharani Assistant Professor, ECE, MCET.	Dr.K.N.Vijeyakumar Professor, AI&ML and CYS, 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	Undergoing Coursework
62.	Ms.K.C.Raja Rajeshwari Assistant Professor, ECE, MCET.	Dr.N.Saravana Kumar, ASP, EEE, 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	Undergoing Coursework
63.	Mr.M.Nithyakumar Assistant Professor, ECE, MCET.	Dr.N.Saravana Kumar, ASP, EEE, MCET.	Reg. no.: 23149697219 University: Anna University Year of Reg.: 2023	Certain investigations on design and analysis of MIMO antennas for millimetre wave communications.	Undergoing Coursework
64.	Mr.A.Shafeek Assistant Professor/ECE, MCET	Dr. R.Sudhakar, Professor & Head ECE, MCET	Reg.No.:23194691273 University: Anna University Year of Reg.:2022	Deep learning based emotion prediction and classification using EEG signal	Undergoing Coursework

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65.	Ms.N.Sugirtham Assistant Professor/ECE, MCET	Dr. R.Sudhakar, Professor & Head ECE, MCET	Reg.No.: 11160231013 University: Anna University Year of Reg.:2013	Data Security using hybrid visual cryptography	Undergoing Coursework
66.	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	Undergoing Coursework
67.	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	Course Work Completed
68.	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	Course Work Completed
69.	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.	Course Work Completed

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70.	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	Course Work Completed
71.	Mr.G.Janakiraman Assistant Professor. External Scholar	Dr.N.Saravanakumar, Associate Professor, ECE, MCET.	Reg.No.: 22143697105 University: Anna University Year of Reg.:2022	Energy Management in Electrical powered vehicle.	Course Work Completed
72.	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.	Course Work Completed
73.	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.	Synopsis Submitted
74.	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

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)
75.	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	Course Work Completed

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<b>Electrical and Electronics Engineering</b>					
76.	Mr J. Nagarajan Assistant Professor, MCET.	Dr M Balasubramonian 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	Course Work Completed
77.	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	Course Work Completed
78.	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	Course Work Completed
79.	Mr.K.Manikandan, Assistant Professor, MCET.	Dr.S.Sasikumar, Assoc. Prof/EEE Annamalai University.	Reg. No.: 1934110058 University: Annamalai University Year of Reg.: 2019	A novel economic and emission technique for microgrid with renewable energy sources	Synopsis Submitted
80.	Mr.M.Saravanakumar Assistant Professor, 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	Undergoing Coursework

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81.	Mr.M.Prabhu Raj Assistant Professor, 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	Undergoing Coursework
82.	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 completed
83.	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
84.	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
85.	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
86.	Mr.Shanmuga sundaram.J.AP Vivekananda College of Engineering for Women, Tiruchengode	Dr.B.Vinoth Kumar Assistant Professor(SG) Department of Electrical and Electronics Engineering	Reg.No.: 16134697350 University: Anna University Year of Reg.:2016	Investigation on object detection and recognition in digital images	Course Work Completed

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87.	Ms.JeyaDaisy.I Kumaraguru College of Technology, Coimbatore	Dr.B.Vinoth Kumar Assistant Professor(SG) Department of Electrical and Electronics Engineering	Reg.No.: 17243691150 University: Anna University Year of Reg.:2017	Smart Detection of Bio-markers in Sweat	Course Work Completed
88.	Mr.C.Praveenkumar Sri Ramakrishna Engineering College, Coimbatore.	Dr M Kaliamoorthy, Professor & Head, EEE, MCET.	Reg.No.: 16123697152 University: Anna University Year of Reg.:2016	Certain investigations related to suitability of bipolar pulse modulator to conduct life test of insulation in adjustable speed drives.	Course Work Completed
89.	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



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<b>Electronics and Instrumentation Engineering</b>					
90.	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
91.	Mr.P.Kathirvel, Assistant Professor(SS), EIE, MCET.	Dr.M.Kaliamoorthy, Prof. and Head, 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	Course Work Completed
92.	Mr.G.Karthikeyan Assistant Professor, EIE, MCET.	Dr.J.Ramprasath AP(SS), 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.	Undergoing Coursework

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<b>Science &amp; Humanities</b>					
93.	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
94.	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
95.	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
96.	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

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97.	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
98.	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
99.	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: Bharathiar University Year of Reg.: 2019	r- dynamic coloring	Research work in progress
100.	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
101.	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 University: Bharathiar University Year of Reg.: 2017	Differential Equations	Synopsis Submitted

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102.	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