

Faculty Members Research Publications(2022-2023)

S.No	Name of the Faculty and Designation	Department	Title of the Paper	Name of the Journal & Vol., Issue ., Month & Year	Indexing details.
1	Dr.K.Gopi	ECE	Design and Analysis of Half Adder and Full Adder Using GDI Logic	Journal of Pharmaceutical Negative Results Volume 13 Special Issue 3 2022	Scopus
2	Dr. K.Gopi	ECE	Reactive control wave energy converter with emulator to withstand irregular wave conditions with Artificial neural network	Journal for basic sciences , 22(12), 2022	Peer reviewed journal
3	Dr.S.Vijayakumar	ECE	Smart garbage monitoring system in metropolitan using IoT and GPS	moenia, 10(5), pg. 94-97, 2023.	Scopus&WoS
4	Dr.C.Kavitha	ECE	Transition to electric mobility in India: Barriers exploration and pathways to powertrain shift through MCDM approach	J.Inst.Eng.India	Scopus
5	Dr.C.Kavitha	ECE	Model based integrated control strategy for effective brake energy recovery to extend battery longevity in electric two wheelers	Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering. 2023;0(0).	Scopus&WoS
6	Dr.S.Sugumaran	ECE	Energy Saving Optimization Technique-Based Routing Protocol in Mobile Ad-Hoc	Energies 16, no. 3 (2023): 1385 .	Scopus&WoS

			Network with IoT Environment		
7	Dr.S.Sugumaran	ECE	Smart garbage monitoring system in metropolitan using IoT and GPS	moenia, 10(5), pg. 94-97, 2023.	Scopus&WoS
8	K.M.Hemambaran	ECE	Reactive control wave energy converter with emulator to withstand irregular wave conditions with Artificial neural network	Journal for basic sciences , 22(12), 2022	Peer reviewed journal
9	K.M.Hemambaran	ECE	Intra-Vascular ultrasound image based decision support system for coronary plague classification	cardiometry ,24, Nov 2022	Peer reviewed journal
10	Mr.P.C.Bharath Kumar	ECE	Smart garbage monitoring system in metropolitan using IoT and GPS	moenia, 10(5), pg. 94-97, 2023.	Scopus&WoS
11	Mrs.Akanksha Kumari	ECE	A single source five-level switched-capacitor based multilevel inverter with reduced device count	<i>e-Prime-Advances in Electrical Engineering, Electronics and Energy</i> , 5, 100235, 2023	Scopus
12	Mrs.Akanksha Kumari	ECE	Reduced Device Count for Self Balancing Switched-Capacitor Multilevel Inverter Integration with Renewable Energy Source	<i>Sustainability</i> , 15(10), 8000, 2023	Scopus
13	Dr.H.Viswa Kiran, Professor	MBA	“Use Case Framework Of Generative Artificial Intelligence In Digital Marketing	ZENITH International Journal of Multidisciplinary Research, Vol.13 (05) May (2023), pp	(UGC NO: 46665)

14	Dr.R.Priyadharsini, Associate Professor		Mix”	1-7, ISSN 2231-5780	
		MBA	“Use Case Framework Of Generative Artificial Intelligence In Digital Marketing Mix”	ZENITH International Journal of Multidisciplinary Research, Vol.13 (05) May (2023), pp 1-7, ISSN 2231-5780	(UGC NO: 46665)
15	Mr. N.Satish Kumar Asst. Prof.	Mechanical Department	Effect of process parameters on Mg/Gr (MMC) and GFRP by using Abrasive Air Jet Machine	Materials today:2023 Vol72 Part 4 Pages 2125-2131	Peer reviewed journal
16	Mr. N.Satish Kumar Asst. Prof.	Mechanical Department	Optimization of process parameter on machining of Graphine reinforced with Magnisum based composite using Abrasive jet machine	Materials today:2023 Vol68 Part 6 Pages 2152-2158	Peer reviewed journal
17	Mr. N.Satish Kumar Asst. Prof.	Mechanical Department	Investigating the effect of mechanical properties of magnesium alloy (AZ91D) reinforced with graphene metal matrix composite by stir casting method	Materials today:2023 Vol 64 Part 1 Pages 95-100	Peer reviewed journal
18	Dr.R.Suresh	EEE	Optimal allocation of distributed generation for power flow enhancement in	Wiley 1-17/DOI-	SCOPUS

19	Dr.V.Maheswari,		distribution network	10.1002/oca.3031	
		EEE	Fuzzy Based Energy Management Strategy for Hybrid Micro Grid with Battery Storage System	Volume 2, Issue 1, October 2022 IJARSCT-7157, ISSN (Online) 2581-9429.	Peer reviewed journal
20	Dr.H.Umamahesvari Professor	S & H	Structural and photoluminescence properties of Dy ³⁺ -doped KMgBO ₃ phosphors	Journal of Materials Science: Materials in Electronics	SCOPUS
21	Dr.H.Umamahesvari Professor	S & H	Structural and photoluminescence properties of Eu ³⁺ -doped KMgBO ₃ phosphors	European Chemical Bulletin, Volume -12, issue-5 (2023).	SCOPUS
22	Dr.H.Umamahesvari Professor	S & H	Micro spherical anatase phase TiO ₂ thin films for room temperature operated formaldehyde gas sensor applications	Results in Chemistry Volume 5, January 2023	SCOPUS
23	Mr.P.V.Ramanamoorthy Associate Professor	S & H	Wind Profiler for Understanding of Meiyu at Dongshan	international journal for research in applied science and engineering technology volume 11, issue 6,	
24	Dr.Syed fazurudin	S & H	Natural Convection Flow in Semi-	ENGINEERING TRANSACTIONS 70, 4,	SCOPUS

25	Assistant Professor		Trapezoidal Porous Enclosure Filled with Alumina- Water Nanofluid Using Tiwari and Das Nanofluid Model	pp. 303–318, 2022	
	Dr.M.Vijaya Bhaskar Reddy Associate Professor	S & H	Issues and Emerging Challenges for NEP 2020	international journal of scientific research in science engineering and management volume 7, issue 5, 2023	Peer reviewed journal
	Dr.M.Vijaya Bhaskar Reddy Associate Professor	S & H	The Role of Women in Leadership Positions and their Effects on Corporate Culture	international journal of science and research volume 12, issue3, 2023	Peer reviewed journal
	Dr. R. Madonna Arieth/ Associate Professor & HOD	CAI	Colon cancer stage detection in colonoscopy images using YOLOv3 MSF deep learning Architecture	Biomedical Signal Processing and Control & 80, 104283 & 2023	Peer reviewed journal
	A. ANUPRIYA	CSE	An adaptive approach towards prediction and diagnosis of lung cancer using heuristic grey wolf optimization approach and random forest classifier–lucago	International Journal	Peer reviewed journal
29	A.ANUPRIYA	CSE	Artificial Bee Colony based SVM for lung cancer classification	International Journal	Peer reviewed journal

30	A. ANUPRIYA	CSE	Early Lung Cancer Prediction approach based on Gene Disorder using Improved GA and Decision Tree approach	International Journal	Peer reviewed journal
31	E PURUSHOTHAM	CSE	Animal Intrusion detection using deep learning and transfer learning, International Journal of human Computations & intelligence	International Journal	Peer reviewed journal
32	V.P.Manikandan	CSE	A neural network aided attuned scheme for gun detection in video surveillance images	International Journal	Peer reviewed journal
33	Mrs. P.Leelavathi	CSE	Network Anomaly Detection based on Domain Adaptation for 5G Network Security	International Journal	Peer reviewed journal
34	Mrs. P. Leelavathi	CSE	AI Based Home Security System with Face Recognition	International Journal	Peer reviewed journal
35	V.P.Manikandan	CSE	Dragon Fly Swarm Optimized Convolutional Neural Model for detecting gun from Surveillance Model	International Journal	Peer reviewed journal

36	V.P.Manikandan	CSE	Designing an opportunistic routing scheme in mobile ad-hoc Networks	International Journal	Peer reviewed journal
37	Dr. M. Kalpana Devi	MCA	DRONEX: A Secure Drone-Based Delivery System	International Journal of Human Computations and Intelligence, Page No.228- 236, Vol. 2, Issue-5, 2023, ISSN-2583-5696	Peer reviewed journal
38	Dr. M. Kalpana Devi	MCA	"Deep Learning For Identification Of Plant Nutrient Deficiencies",	Journal of Pharmaceutical Negative Results, Volume 13 Special Issue 9 2022. ISSN: Print -0976-9234	Scopus
39	J. Sheik Mohammed	MCA	A Framework for Exchanging Stem Cells and Allied Treatment Information among Expertise Hospitals Using Federated Clouds	International Journal of Human Computations and Intelligence, Page No.196-202 , Vol. 2, Issue-4, 2023, ISSN-2583-5696	Peer reviewed journal
40	J. Sheik Mohammed	MCA	DRONEX: A Secure Drone-Based Delivery System	International Journal of Human Computations and Intelligence, Page No.228- 236, Vol. 2, Issue-5, 2023, ISSN-2583-5696	Peer reviewed journal

41	J. Sheik Mohammed	MCA	An Analysis of Different Smart Agricultural System Using IoT	International Journal of Human Computations and Intelligence, Page. No. 168-175, Vol. 2, Issue-4, 2023, ISSN-2583-5696	Peer reviewed journal
42	J. Sheik Mohammed	MCA	A Connotation and Measurement of Dark Web in Factual Environment: Analysis and Observations	International Journal of Human Computations and Intelligence, Page No.184-195, Vol. 2, Issue-4, 2023, ISSN-2583-5696	Peer reviewed journal
43	J. Sheik Mohammed	MCA	An Analysis of Different Smart Agricultural System Using IoT	International Journal of Human Computations and Intelligence, Vol. 2, Issue-4, 2023, ISSN-2583-5696	Peer reviewed journal
44	R. Padmaja	MCA	Contrasting Virtual Reality and Augmented Reality in the Health Care System – Briefing	International Journal of Human Computations and Intelligence, Page. No.222-227, Vol. 2, Issue-5, 2023, ISSN-2583-5696	Peer reviewed journal
45	K. Balasubramanyam Raju	MCA	An Analysis of Different Smart Agricultural System Using IoT	International Journal of Human Computations and Intelligence, Vol. 2, Issue-4, 2023, ISSN-	Peer reviewed journal

46	J. Sheik Mohammed			2583-5696	
		MCA	Contrasting Virtual Reality and Augmented Reality in the Health Care System – Briefing	International Journal of Human Computations and Intelligence, Page. No.222-227, Vol. 2, Issue-5, 2023, ISSN-2583-5696	Peer reviewed journal

Faculty Members Patents (2022-2023)

1.	2022-2023	Dr.S.Sugumaran	Low cost SCADA system based on ESP2, Raspberry Pi, Node-Red, and MQTT Protocols	17-03-2023	202341013292A
2.	2022-2023	Dr.K.Prabhuchandran	A SYSTEM BASED ON NETWORK AWARE APPLICATION DEPENDENT	16/9/2022	202241050948 A

			ADAPTIVE PROTOCOL SELECTION FOR IOT COMMUNICATIONS		
3.	2022- 2023	Dr.K.Vimalanathan	Six in one note book folder carrier	22/7/22	20224104194 5
4.	2022- 2023	Dr.K.Vimalanathan	Voice controlled Automated Guided vehicle	22/7/22	20224104194 4
5.	2022- 2023	Dr.V.Maheswari	A Solar Battery Charger for Ni-MH Batteries	Published In 2023	202341022643
6.	2022- 2023	Dr.P.Elangovan	Intelligence platform for automated assistance to electric vehicles	Published In 2023	202341025668
7.	2022- 2023	Dr.R.Suresh	Method and apparatus for Intelligent Energy Management of Electric Vehicles	Published In 2023	202341022403
8.	2022- 2023	Dr.R.Suresh	Optimizing Battery Health and Charging Speed of Electric Vehicles through Deep Learning Techniques	Published In 2023	202341027841
9.	2022- 2023	Dr. H.Umamahesvari	Designing a Smart Bandage filled with silver nanoparticle to heal the wound faster	29/08/2022	202241049247A
10.	2022- 2023	Dr. R. Madonna Arieth	Cholesterol Monitoring Devices	18-10-2023	6319725
11	2022- 2023	Dr. N. Gayathri Devi	Cholesterol Monitoring Devices	18-10-2023	6319725
12	2022- 2023	Dr. M.Kalpana Devi	UAV-Supported IoT Network Health Surveillance via Video Steganography Techniques	31-10-23	202341074335

Faculty members Text books(2022-2023)

1.	2022-2023	Power System Analysis	Dr.R.Suresh	Infinite Research	978-81-963788-2-0
2.	2022-2023	Analysis of Low Power Methodologies for Multiplier	Dr.S.Vijayakumar	Lambert Academic Publishing	978-6205630402
3.	2022-2023	GUI- Based End-to-End Deep Learning Model	Dr. R. Madonna Arieth	IGI Global	978-1-6634-9231-4

Faculty members National and International conferences (2022-2023)

S.No .	Name of the Faculty and Designation	Department	Particulars (National / International Seminar)	Title of paper presented	Organizer details	Date of the event
1	Dr.K.Gopi	ECE	International	Gsm Based Smart Information System For Lost Atm Cards, ICAIES 2023, 2nd International Conference on Advances and Innovation in Engineering and Sciences (ICAIES-2023) 12th & 13th April, 2023, SITAMS, Chittoor	SITAMS	12th & 13th April, 2023
2	Dr.K.Gopi	ECE	International	Soldier Health And Position Tracking System, ICAIES 2023	SITAMS	12th & 13th April, 2023
3	Dr.P.Sudheer	ECE	International	FPGA Implementation Of 128-Bits Key Aes Algorithm Using Verilog HDL, ICAIES 2023	SITAMS	12th & 13th April, 2023

4	Dr.P.Sudheer	ECE	International	Design And Simulation of Naturalistic Driving Environment for Autonomous Vehicle, ICAIES 2023	SITAMS	12th & 13th April, 2023
5	Dr.S.Vijayakumar	ECE	International	Design Of Low Power High Speed Cmos Circuit Using Hybrid Power Gating Technique, ICAIES 2023	SITAMS	12th & 13th April, 2023
6	Dr.S.Vijayakumar	ECE	International	Analysis And Testing Of Dual Axis Solar Tracking For A Standalone Pv System, ICAIES 2023	SITAMS	12th & 13th April, 2023
7	Dr.S.Vijayakumar	ECE	International	Strategies For Accelerating Clock-Delayed Dual Keeper Using Domino Logic Style, ICAIES 2023	SITAMS	12th & 13th April, 2023
8	Dr.C.Kavitha	ECE	International	Deep learning based approach for Prediction of Diabetes, IEEE- 2 nd International Conference for Innovation in Technology (INOCON), at Sai Vidya Institute of Technology, Bengaluru	Sai Vidya Institute of Technology, Bengaluru	3 rd -5th March, 2023
9	Dr.C.Kavitha	ECE	International	Battery Life Time Management Using Random Forest Regression, ICAIES 2023	SITAMS	12th & 13th April, 2023
10	Dr.C.Kavitha	ECE	International	Detection Of Neurological Disorder Through Machine Learning Classifiers, ICAIES 2023	SITAMS	12th & 13th April, 2023
11	Dr.C.Kavitha	ECE	International	Skin Cancer Detection and Classification Using Deep Learning Techniques, ICAIES 2023	SITAMS	12th & 13th April, 2023

12	Dr.S.Sugumaran	ECE	International	Energy efficient routing algorithm with mobile sink assistance in wireless sensor networks, 2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	Chennai, India	25-26 May 2023
13	Dr.S.Sugumaran	ECE	International	"An Effective Network Communication Algorithm for Dynamic Handover", 2022 IEEE - 3rd International Conference on Smart Technologies in Computing Electrical and Electronics (ICSTCEE), DOI: 10.1109/ICSTCEE56972.2022.10100197	Bengaluru, India	16-17 December 2022
14	Dr.S.Sugumaran	ECE	International	The Food Preservation using a solar dryer monitoring system	Prathyusha Engineering college	9th june 2023
15	Dr.S.Sugumaran	ECE	International	An Emergency Call and Message System for People with Epilepsy, ICAIES 2023	SITAMS	12th & 13th April, 2023
16	Dr.S.Sugumaran	ECE	International	IOT Based Smart Garbage Monitoring System Using Arduino and GPS, ICAIES 2023	SITAMS	12th & 13th April, 2023
17	Dr.S.Sugumaran	ECE	International	Efficient Low-Cost Solardryer with Controlling Environmental Sensors For Food Processing, ICAIES 2023	SITAMS	12th & 13th April, 2023
18	Mr.K.Yogaprasad	ECE	International	High-Performance Accurate And Approximate Multipliers For FPGA-Based Hardware Accelerators, ICAIES	SITAMS	12th & 13th April, 2023

				2023		
19	Mr.K.Yogaprasad	ECE	International	Design and Analysis of Circular Patch Antenna For Ku-Band Applications, ICAIES 2023	SITAMS	12th & 13th April, 2023
20	Mr.K.Yogaprasad	ECE	International	Machine Learning for Real Time Driver Drowsiness Detection Based on Eye and Yawning Movement using Image Processing, ICAIES 2023	SITAMS	12th & 13th April, 2023
21	Mrs. V.G.Hamsaveni	ECE	International	IOT Based Real Time Weather monitoring System Using Node MCU, ICAIES 2023	SITAMS	12th & 13th April, 2023
22	Mrs. V.G.Hamsaveni	ECE	International	Smart Electronic Voting Machine Using Rfid, Fingerprint and Facial Recognition Using Embedded and Python, ICAIES 2023	SITAMS	12th & 13th April, 2023
23	Mrs. V.G.Hamsaveni	ECE	International	Human Following Robot Using Arduino Microcontroller , ICAIES 2023	SITAMS	12th & 13th April, 2023
24	Mr.K.M.Hemambara n	ECE	International	IOT Based Wireless Alert System For Deaf And Hard Of Hearing, ICAIES 2023	SITAMS	12th & 13th April, 2023
25	Mr.K.M.Hemambara n	ECE	International	An Intelligent System Based On The Internet Of Things For Real-Time Parking Monitoring And Automatic Billing, ICAIES 2023	SITAMS	12th & 13th April, 2023

26	Mr.K.M.Hemambara n	ECE	International	Vehicle Theft Alert and Location Identification Using GSM, GPS, ICAIES 2023	SITAMS	12th & 13th April, 2023
27	Mr.Y.Ravikiranvarma	ECE	International	IOT Based Air Quality Monitoring System, ICAIES 2023	SITAMS	12th & 13th April, 2023
28	Mr.Y.Ravikiranvarma	ECE	International	Stick For Blind People Using GSM Assistance, ICAIES 2023	SITAMS	12th & 13th April, 2023
29	Mr.Y.Ravikiranvarma	ECE	International	Web Based Power Controlled Door Open and Close Monitoring System, ICAIES 2023	SITAMS	12th & 13th April, 2023
30	Mr.S.Ashmad	ECE	International	Bone Fracture Detection Techniques Using Image Processing, ICAIES 2023	SITAMS	12th & 13th April, 2023
31	Mr.S.Ashmad	ECE	International	Lung Cancer Using PSO-RNN Deep Learning Algorithm, ICAIES 2023	SITAMS	12th & 13th April, 2023
32	Mr.S.Ashmad	ECE	International	IOT Based Health Monitoring System, ICAIES 2023	SITAMS	12th & 13th April, 2023
33	Mr.S.Narendra Kumar	ECE	International	Vehicle Black Box for Accident Data Storage and SMS GPS Alert Using Arduino Mega, ICAIES 2023	SITAMS	12th & 13th April, 2023
34	Mr.S.Narendra Kumar	ECE	International	IOT Based Web Controlled Multiple Home Automation Using Raspberry Pi, ICAIES 2023	SITAMS	12th & 13th April, 2023

35	Mr.P.C.Bharath Kumar	ECE	International	Energy efficient routing algorithm with mobile sink assistance in wireless sensor networks, 2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	Chennai, India	25-26 May 2023
36	Mr.P.C.Bharath Kumar	ECE	International	The Food Preservation using a solar dryer monitoring system	Prathyusha Engineering college	9th june 2023
37	Mr.P.C.Bharath Kumar	ECE	International	Addnet: Deep Neural Networks Using FPGA-Optimized Multipliers, ICAIES 2023	SITAMS	12th & 13th April, 2023
38	Mr.P.C.Bharath Kumar	ECE	International	Automated Real-Time Intelligent Traffic Control System Using GPS, ICAIES 2023	SITAMS	12th & 13th April, 2023
39	Mrs.K.Naveena	ECE	International	Embedded System Based on Accident Avoidance and Tracking System by Using Arduino, ICAIES 2023	SITAMS	12th & 13th April, 2023
40	Mrs.K.Naveena	ECE	International	IOT Based Integrated Home Security and Electrical Control System, ICAIES 2023	SITAMS	12th & 13th April, 2023
41	Mrs.B.R.Usharani	ECE	International	Arduino Based Gestures to Speech Conversion System, ICAIES 2023	SITAMS	12th & 13th April, 2023
42	Mrs.B.R.Usharani	ECE	International	Development of a New Biometric Approach Based On Electrocardiogram Signals, ICAIES 2023	SITAMS	12th & 13th April, 2023

43	Mr.C.Poornachandra	ECE	International	Design And Comparative Analysis Of Memristor Based Transistor-Less Combinational Logic Circuits, ICAIES 2023	SITAMS	12th & 13th April, 2023
44	Mr.C.Poornachandra	ECE	International	Integrated Farming Using Iot, ICAIES 2023	SITAMS	12th & 13th April, 2023
45	Mrs.S.P.Sasirekha	ECE	International	Smart Agriculture Monitoring System Using Internet of Things, ICAIES 2023	SITAMS	12th & 13th April, 2023
46	Mrs.S.P.Sasirekha	ECE	International	IOT Based Coal Mine Safety Monitoring and Alerting System, ICAIES 2023	SITAMS	12th & 13th April, 2023
47	Mrs.G.Geethanjali	ECE	International	Arduino Based Medicine Reminder and Vending Machine, ICAIES 2023	SITAMS	12th & 13th April, 2023
48	Mrs.G.Geethanjali	ECE	International	Embedded System Based Smart Blind Stick, ICAIES 2023	SITAMS	12th & 13th April, 2023
49	Ms.R.Anitha	ECE	International	Design And Implementation Of Parallel Comparator ADC Using Multiplexer CMOS Technology, ICAIES 2023	SITAMS	12th & 13th April, 2023
50	Ms.R.Anitha	ECE	International	Implementation Of Brain Tumor Detection Using Neural Networks, ICAIES 2023	SITAMS	12th & 13th April, 2023
51	Ms.M.Padma	ECE	International	High Protection Bank Locker Security System by Using Live Image and Voice Authentication, ICAIES 2023	SITAMS	12th & 13th April, 2023

52	Ms.M.Padma	ECE	International	Live Human Detection System For Earthquake Rescue Operation, ICAIES 2023	SITAMS	12th & 13th April, 2023
53	Mrs.Akankshakumari	ECE	International	Lane and Curve Detection Using Image Processing, ICAIES 2023	SITAMS	12th & 13th April, 2023
54	Mrs.Akankshakumari	ECE	International	Live Vehicle Tracking and Accident Alert System Using GPS, GSM and MEMS Sensor, ICAIES 2023	SITAMS	12th & 13th April, 2023
55	V.G.Hamsaveni	ECE	International	Intelligent classification of brain cancers by deep learning with inception network, IEEE international conference on power, energy, control and transmission system	Sairam Engineering college	8th and 9th December 2022
56	Dr.Jyoshna.c, Assistant Professor	MBA	International	Managerial Excellence – Mantra for Success	Er. Perumal Manimekalai College of Engineering, Hosur	27 th & 28 th Apr 2023
57	Dr.Jyoshna.c, Assistant Professor	MBA	International	Women Entrepreneurship Development: A literature review on Policy Research in Indian Context	Sreenivasa Institute of Technology and Management Studies, Murakambattu, Chittoor	12 th &13 th April 2023
58	Dr.K.Sudarsan	MBA	International	Digital Technology and Management	Sreenivasa Institute of Technology and Management Studies, Murakambattu, Chittoor	12 th &13 th April 2023
59	Dr.K.Sudarsan	MBA	Nattional	To Innovate the loan processing Operation In Banking Sector Using Blockchain Technology: Personal Loans	Government College, Ananthapuram	24 th &25 th March 2023

60	Dr.N.Venkatachala pathi Prof. & Principal	Mechanical Department	2 nd International Conference on Advances and Innovation in Engineering and Sciences (ICAIES-2023)	Assembling and Fabrication of Four stroke engine in Go-Kart	SITAMS, Chittoor	April 12- 13,2023
61	Dr.S.Rajesh Professor	Mechanical Department	2 nd International Conference on Advances and Innovation in Engineering and Sciences (ICAIES-2023)	Design and fabrication of seed sowing machine	SITAMS, Chittoor	April 12- 13,2023
62	Mr.N.Sathish Kumar Assistant Prof.	Mechanical Department	2 nd International Conference on Advances and Innovation in Engineering and Sciences (ICAIES-2023)	Experimental Investigation of process parameters for machining MMC (Mg Alloy + Graphene) in AWJM Process	SITAMS, Chittoor	April 12- 13,2023
63	Mr.R.Satheesh Associate Prof.	Mechanical Department	2 nd International Conference on Advances and Innovation in Engineering and Sciences (ICAIES-2023)	Fabrication of paramotor Glider	SITAMS, Chittoor	April 12- 13,2023
64	Mr.D.Raju Assistant Prof.	Mechanical Department	2 nd International Conference on Advances and Innovation in Engineering and Sciences (ICAIES-2023)	Investigating the effect of tribological behavior of (Mg alloy + Graphene) metal matrix composite by using Pinon-Disc	SITAMS, Chittoor	April 12- 13,2023
65	Mr.N.Manikantacha ri Assistant Prof.	Mechanical Department	2 nd International Conference on Advances and Innovation in Engineering and Sciences (ICAIES-2023)	Design and load analysis of Go kart frame by using solid works 13.0 and ansys19.2	SITAMS, Chittoor	April 12- 13,2023
66	V.Maheswari, G.Dillibabu, Ramesh R Halakurki,	EEE	International Conference ICIEECE-23	"Performance Analysis of Two- Level SPWM Fed 3- Phase Induction Motor For Electric Drive Using MATLAB Simulink",	ST.ANN'S college of engineering & Technology, Chirala.	8 th January 2023

67	V.Maheswari, G.Dillibabu, C.L.Sravanthi,	EEE	International Conference ICETEVST-22	"Enhancement of Energy Management Strategy using Artificial Intelligent Techniques for Hybrid".	SRM TRP Engineering College, Tiruchirappalli.	21 st &22 nd April 2022
68	V.Maheswari, G.Dillibabu,	EEE	International Conference ICETEVST-22	"High Frequency Isolated Single- Phase Symmetric- Bipolar Type Buck Boost AC-AC Converter with Continuous Input and Output Currents",	SRM TRP Engineering College, Tiruchirappalli.	21 st &22 nd April 2022
69	Mrs.C.L.Sravanthi Assistant Professor	EEE	ICETEUST-2022	Enhancement of Energy Management Strategy Using AI techniques for hybrid EV.	SRM TRP Engineering College,Trichy.	21-04-2022 & 22-04-2022
70	Mrs.C.L.Sravanthi Assistant Professor	EEE	ICETEUST-2022	Bi-directional Fault Blocking Capability in non-isolated Boost type Alternate arm DC Transformer	SRM TRP Engineering College,Trichy.	21-04-2022 & 22-04-2022
71	Mr.J.Sreeranganaya gulu Assistant Professor	EEE	ICETEUST-2022	Non Electrolytic LED Lighting System with an Efficient SEPIC Converter.	SRM TRP Engineering College,Trichy.	21-04-2022 & 22-04-2022
72	Ms.A.Keerthi and Ms.P.Roja Assistant Professor	EEE	ICETEUST-2022	Reduced Number of switches for Impedance source Galvanically Isolated DC-DC Converter	SRM TRP Engineering College,Trichy.	21-04-2022 & 22-04-2022
73	Ms.A.Keerthi and Ms.P.Roja Assistant Professor	EEE	ICETEUST-2022	Natural Input Voltage Sharing & Output Current Sharing in an Input Series Output Parallel Converter System.	SRM TRP Engineering College, Trichy.	21-04-2022 & 22-04-2022
74	Dr. H.Umamahesvari Professor	S & H	International Conference on Applied Research in Engineering Sciences	Structural And Photoluminescence Properties Of Eu ³⁺ Doped Mgbo ₃ Phosphors	Ramaiah Institute of Technology	24 th to 25 th November 2022
75	.Dr. U. Balakrishna Professor	S & H	International conference on advances and Innovations in engineering and sciences	Load balancing solid unbalanced assignment problem-An exact algorithm	SITAMS, CHITTOOR	12 th & 13 th April 2023

76	Dr.M.Vijaya Bhaskar Reddy Associate Professor	S & H	International conference on advances and Innovations in engineering and sciences	Teaching and Learning Process in Higher Educational Institutions in 21 st Century	SITAMS, CHITTOOR	12 th & 13 th April 2023
77	Dr. R. Madonna Arieth	CAI	International Conference (ICAIES-2023)	Spine position Monitoring System for Old age people	SITAMS	12 th & 13 th April 2023
78	Dr. R. Madonna Arieth	CAI	International Conference	Cellular Traffic Prediction Algorithm based on long term memory through extraction of spatial Tempored Characteristics	Loyola Institute of Technology, Chennai	4 th &5 th Oct 2023
79	Dr. N. Gayathri Devi	CAI	International Conference	Cellular Traffic Prediction Algorithm based on long term memory through extraction of spatial Tempored Characteristics	Loyola Institute of Technology, Chennai	4 th &5 th Oct 2023
80	E PURUSHOTHAM	CSE	Indira Gandhi Delhi Technical University for Women (Established by Govt of NCT of Delhi), Kashmere Gate, Delhi-110006	A Novel Classification Technique for Safety Measures on Covid-19 Using Featured-Based Sentimental Analysis, IEEE		9 th and 10 th December
81	E PURUSHOTHAM	CSE		Enhanced optical character recognizer using deep learning	SITAMS, chittoor	12th &13th April 2023
82	E PURUSHOTHAM	CSE		An approach to detect employee fatigue in real time	SITAMS, chittoor	12th &13th April 2023

FACULTY MEMBERS WHO ATTENDED FDP, SEMINARS / WORKSHOPS AND REFRESHMENT COURSES.

2022-2023

S.No .	Name of the Faculty and Designation	Department	Particulars of the program	Organizer details	Date
1	Dr.M.Saravanan	ECE	FDP on Recent trends on Digital image processing techniques	SITAMS, CHITTOOR	05-12-2022 to 09-12-2022
2	Dr.M.Saravanan	ECE	FDP on Introduction to Internet of Things	NPTEL-AICTE	Jan – April 2023
3	Dr.M.Saravanan	ECE	Introduction to Machine Learning	NPTEL-AICTE	Jul-Sept 2023
4	Dr.K.Gopi	ECE	FDP on Recent trends on Digital image processing techniques	SITAMS, CHITTOOR	05-12-2022 to 09-12-2022
5	Dr.K.Gopi	ECE	Webinar on Renewable Energy and power electronics shaping the future	SITAMS, CHITTOOR	16-05-2023
6	Dr.K.Gopi	ECE	Workshop on Research strategies in Artificial Intelligence	SITAMS, CHITTOOR	09-02-2023
7	Dr.K.Gopi	ECE	Microsoft technology Associate on Security fundamentals	SITAMS, CHITTOOR	30-06-2022
8	Dr.S.Vijayakumar	ECE	FDP on Recent Trends in digital image processing techniques	SITAMS	5.12.2022 to 9.12.2022
9	Dr.S.Vijayakumar	ECE	Skill Development on Microsoft Azure AI Fundamentals	Microsoft, USA	25.11.2022

10	Dr.S.Vijayakumar	ECE	Skill Development on Microsoft Azure Fundamentals	Microsoft, USA	20.10.2022
11	Dr.S.Vijayakumar	ECE	Guest Lecture on Robotics and its applications in health care	SITAMS	28.07.2022
12	Dr.C.Kavitha	ECE	Guest Lecture on Robotics and its Applications in Healthcare	SITAMS	28-07-2022
13	Dr.C.Kavitha	ECE	FDP on Recent Tools & Technologies for Data Science and Artificial Intelligence	Madanapalle Institute of Technology & Science	19.09.2022 to 26.09.2022
14	Dr.C.Kavitha	ECE	FDP on Recent trends on Digital Image Processing Techniques	SITAMS	05/12/2022 to 09/12/2022
15	Dr.C.Kavitha	ECE	FDP on Outcome based Education and Research Strategies	SITAMS	10-05-2023 to 15-05-2023
16	Dr.C.Kavitha	ECE	Workshop on Research Strategies in Artificial Intelligence	SITAMS	09th February 2023
17	Dr.C.Kavitha	ECE	Workshop on Design thinking, Critical thinking and Innovation design	SITAMS	20-12-2022
18	Dr.C.Kavitha	ECE	Workshop on My story- Motivational Session by Successful Entrepreneur/ Start-up Founder	SITAMS	08-11-2022
19	Dr.C.Kavitha	ECE	Workshop on How to plan for Start-up and legal & Ethical Steps	SITAMS	13-05-2023
20	Dr.S.Sugumaran	ECE	Conference on Energy Efficient Routing	St.John Engineering College, Chennai	21&22 nd March 2023

			Algorithm with Mobile Sink Assistance in Wireless Sensor Networks		
21	Dr.S.Sugumaran	ECE	Conference on Enhanced Route Optimization using Bat Algorithm in MANET	VIT, Bhopal	06-08-2022
22	Dr.S.Sugumaran	ECE	FDP – 3 days on Adhoc Network and Internet of Things	VIT, Vellore	1 st to 3 rd April 2023
23	Dr.S.Sugumaran	ECE	FDP – 5 days on Recent Trends in 5G Communication Network	Sri Sai Engg Colg, Chennai	26 th to 30 th Dec 2022
24	Dr.S.Sugumaran	ECE	FDP – 5 days on Digital Image Processing Technique	SITAMS	5 th to 9 th Dec 2-22
25	Dr.S.Sugumaran	ECE	FDP – one week on Artificial Intelligence	JIS University	28 th Nov to 2 nd Dec - 2022
26	Mrs.V.G.Hamsaveni	ECE	7-Days FDP on Outcome based education and research st	Sitams, Chittoor	10-05-23 to 15-05-23
27	Mrs.V.G.Hamsaveni	ECE	Webinar on Renewable Energy and power electronics shaping the future	Sitams, Chittoor	16-05-2023
28	Mrs.V.G.Hamsaveni	ECE	Workshop on Research strategies in Artificial Intelligence	Sitams, Chittoor	09-02-2023
29	Mrs.V.G.Hamsaveni	ECE	5-Days FDP on Recent trends in Image processing Techniques	Sitams, Chittoor	5 th December 2022 to 9 th December 2022
30	Mrs.V.G.Hamsaveni	ECE	3-Days FDP on Research Trends In Vlsi, Communications	Bapatla Womens Engineering College	8 th July 2022 to 10 th July 2022

			& Signal Processing		
31	Mr.K.M.Hemambaran	ECE	FDP on RECENT TRENDS IN SIGNAL AND IMAGE PROCESSING	MOTHERE THERESA INSTITUTE OF ENGINEERING AND TECHNOLOGY, PALAMANER	28/08/2023-01/09/2023
32	Mr.K.M.Hemambaran	ECE	WORKSHOP on RESEARCH STRATERGIES IN ARTIFICAL INTELLIGENCE	SITAMS, CHITTOOR	09-02-2023
33	Mr.K.M.Hemambaran	ECE	FDP on RECENT TRENDS ON DIGITAL IMAGE PROCESSING TECHNIQUES	SITAMS, CHITTOOR	05-12-2022 TO 09-12-2022
34	Mr.S.Ashmad	ECE	Guest Lecture on Robotics and its applications in Healthcare	SITAMS,Chittoor	28-07-2022
35	Mr.S.Ashmad	ECE	Webinar on Current Status and Future prospects of GaN Power HEMTs	SITAMS,Chittoor	15-06-2023
36	Mr.S.Narendra Kumar	ECE	FDP on Five Days FDP on “Recent Trends in Electric Vehicles”	Department of EEE, PSNCET.	25.07.2022 to 29.07.2022.
37	Mr.S.Narendra Kumar	ECE	FDP on Five days Online FDP on Recent trends in "Digital Image Processing Techniques"	Department of ECE, SITAMS, Chittoor.	05/12/2022 to 09/12/2022
38	Mr.S.Narendra Kumar	ECE	Workshop on Research Strategies in Artificial Intelligence	Department of ECE, SITAMS, Chittoor.	09/02/2023
39	Mr.C.Poornachandra	ECE	5 DAY FDP on DIGITAL IMAGE PROCESSING TECHNIQUES	SITAMS, CHITTOOR	5/12/2022 TO 9/12/2022

40	Mr.C.Poornachandra	ECE	5 DAY FDP on RECENT TRENDS IN ELECTRIC VEHICLES	PSN COLLEGE OF ENGINEERING AND TECHNOLOGY	25/7/2022 TO 29/07/2022
41	Mr.C.Poornachandra	ECE	GUEST LECTURE on ROBOTICS AND ITS APPLICATIONS IN HEALTH CARE	SITAMS, CHITTOOR	28/7/2022
42	Mr.C.Poornachandra	ECE	WORKSHOP on Research Strategies In Artificial Intelligence	SITAMS, CHITTOOR	9/2/2023
43	Mrs.B.R.Usharani	ECE	FDP on Women Entrepreneurship Development programme	Annamacharya College	22-05-23 to 07-06-2023
44	Mrs.B.R.Usharani	ECE	Workshop on Research strategies in Artificial Intelligence	SITAMS, CHITTOOR	09-02-2023
45	Mrs.B.R.Usharani	ECE	FDP on Recent Development in electrical & electronics engineering	SVCET, CHITTOOR	24-07-2023 to 28-07-2023
46	Mrs.K.Naveena	ECE	FDP on Recent trends on Digital image processing techniques	SITAMS, CHITTOOR	05-12-2022 to 09-12-2022
47	Mrs.K.Naveena	ECE	Workshop on Research strategies in Artificial Intelligence	SITAMS, CHITTOOR	09-02-2023
48	Mrs.K.Naveena	ECE	FDP on Women Entrepreneurship Development programme	Annamacharya College	22-05-23 to 07-06-2023
49	Mrs.K.Naveena	ECE	FDP on Recent Development in electrical & electronics engineering	SVCET, CHITTOOR	24-07-2023 to 28-07-2023

50	Mrs.G.Geethanjali	ECE	FDP on Recent trends on Digital image processing techniques	SITAMS, CHITTOOR	05-12-2022 - 09-12-2022
51	Mrs.G.Geethanjali	ECE	FDP on Outcome based education and research strategies	SITAMS, CHITTOOR	10.05.2023-15.05.2023
52	Mrs.G.Geethanjali	ECE	FDP on Research Development in Electrical and Electronics Engineering: A Research Prospective	SVCET, CHITTOOR	24.07.2023-28.07.2023
36	Mrs.G.Geethanjali	ECE	Workshop on Research strategies in Artificial Intelligence	SITAMS, CHITTOOR	09-02-2023
37	Mrs.S.P.Sasirekha	ECE	FDP on Recent trends on Digital image processing techniques	SITAMS, CHITTOOR	05-12-2022 - 09-12-2022
38	Mrs.S.P.Sasirekha	ECE	FDP on Outcome based education and research strategies	SITAMS, CHITTOOR	10.05.2023-15.05.2023
39	Mrs.S.P.Sasirekha	ECE	FDP on Research Development in Electrical and Electronics Engineering: A Research Prospective	SVCET, CHITTOOR	24.07.2023-28.07.2023
40	Mrs.S.P.Sasirekha	ECE	Webinar on Basics of digital image processing	Edu learning Hub LLP,india	24.06.2023
41	Mrs.S.P.Sasirekha	ECE	Workshop on Research strategies in Artificial Intelligence	SITAMS, CHITTOOR	09-02-2023
42	Ms.M.Padma	ECE	FDP on Recent trends on Digital image processing techniques	SITAMS, CHITTOOR	05-12-2022 - 09-12-2022

43	Ms.M.Padma	ECE	FDP on Outcome based education and research strategies	SITAMS, CHITTOOR	10.05.2023-15.05.2023
44	Ms.M.Padma	ECE	FDP on Research Development in Electrical and Electronics Engineering: A Research Prospective	SVCET, CHITTOOR	24.07.2023-28.07.2023
45	Ms.M.Padma	ECE	Webinar on Basics of digital image processing	EdulearningHubLLP,in dia	24.06.2023
46	Ms.M.Padma	ECE	Workshop on Research strategies in Artificial Intelligence	SITAMS, CHITTOOR	09-02-2023
47	Ms.R.Anitha	ECE	FDP on Recent trends on Digital image processing techniques	SITAMS, CHITTOOR	05-12-2022 - 09-12-2022
48	Ms.R.Anitha	ECE	FDP on Outcome based education and research strategies	SITAMS, CHITTOOR	10.05.2023-15.05.2023
49	Ms.R.Anitha	ECE	FDP on Research Development in Electrical and Electronics Engineering: A Research Prospective	SVCET, CHITTOOR	24.07.2023-28.07.2023
50	Ms.R.Anitha	ECE	Webinar on Basics of digital image processing	Edu learning Hub LLP, India	24.06.2023
51	Ms.R.Anitha	ECE	Workshop on Research strategies in Artificial Intelligence	SITAMS, CHITTOOR	09-02-2023
52	Ms.R.Anitha	ECE	Seminar on Emerging trends in intelligent computing(seminar)	VIT,Vellore	14-03-2023-18-03-2023

53	Mrs.Akanksha Kumari	ECE	FDP on Recent Development in Electrical and Electronics Engineering: A Research Prospective	SVCET,CHITTOOR	24-07-23 TO 28-07-23
54	Mrs.Akanksha Kumari	ECE	FDP on Emerging Technologies in Electrical Engineering	PACE Institute of Technology And Sciences, ONGOLE	28-11-22 TO 02-12-22
55	Mrs.Akanksha Kumari	ECE	FDP on Digital Image Processing Techniques	SITAMS,CHITTOOR	05-12-23 TO 09-12-23
56	Mrs.Akanksha Kumari	ECE	WORKSHOP on Research Strategies in Artificial Intelligence	SITAMS,CHITTOOR	09-02-23
57	Mrs.Akanksha Kumari	ECE	SEMINAR on Quality Improvement in technical Education Through Outcome Based Education	BRCM College of Engineering and Technology, HARYANA	04-11-22&05-11-22
58	Mrs.P.Divya	ECE	FDP on Outcome based Education and Research Strategies	SITAMS Chittoor	10-05-2023 to 15-05-2023
59	Mr. N. Vijaya Kumar	CSE	Exploring Technological advancements: A Voyage into emerging Horizons	DBT Star college	20-11-23 to 27-11-23
60	Dr.V.Maheswari Professor and HOD EEE	EEE	Introduction to smart grid FDP at IITR	NPTEL	-
61	Dr.V.Maheswari Professor and HOD EEE	EEE	Electric vehicle technology and battery management systems	Presidency University	20 April -24 April
62	Mr. N. Satish Kumar Asst.Professor	Mechanical	FDP	Research Opportunities and Futures of Additive manufacturing Engineering	Sri Mnakula Vinayagar Engineering College,

					Puducherry.
63	Mr. D. Raju Asst.Professor	Mechanical	FDP	Research Opportunities and Futures of Additive manufacturing Engineering	Sri Mnakula Vinayagar Engineering College, Puducherry.
64	Ms. K. Santhosh Priya Asst.Professor	Mechanical	FDP	Research Opportunities and Futures of Additive manufacturing Engineering	Sri Mnakula Vinayagar Engineering College, Puducherry.
65	Mr. N. Manikantachari Asst.Professor	Mechanical	FDP	Numerical and simulation tools for research in mechanical engineering	VIT-AP University
66	Mr. N. Manikantachari Asst.Professor	Mechanical	FDP	Research Opportunities and Futures of Additive manufacturing Engineering	Sri Mnakula Vinayagar Engineering College, Puducherry.
67	Dr. R. Madonna Arieth	CAI	National Level FDP	Shri Vishnu Engineering College for Women::Bhimavaram	01-03-2023 to 05-03-2023
68	Dr. R. Madonna Arieth	CAI	FDP	SITAMS	10-05-2023 to 15-05-2023
69	Dr. R. Madonna Arieth	CAI	International STTP	SRMIST, Tiruchiappalli	24-07-2023 to 09-08-2023
70	Dr. R. Madonna Arieth	CAI	Webinar	PRESIDENCY UNIVERSITY	13-10-2023
71	Dr. R. Madonna Arieth	CAI	FDP	SRM TRP	25-09-2023 to 29-09-2023
72	Dr. R. Madonna Arieth	CAI	FDP	APSSDC	13-11-2023 to 17-11-2023
73	Dr. R. Madonna Arieth	CAI	National FDP	EXCEL R	20-11-2023 to 01-12-2023

74	Dr. R. Madonna Arieth	CAI	FDP	PRESIDENCY UNIVERSITY	25-11-2023
75	Dr. N. Gayathri Devi	CAI	National FDP	Guru Nanak Institutions Technical Campus, Hyderabad	21-08-2023 to 25-08-2023
76	Dr. N. Gayathri Devi	CAI	Training Program	EXCELR	20-09-2023 to 13-10-2023
77	Dr. N. Gayathri Devi	CAI	Webinar	SITAMS	23-09-2023
78	Dr. N. Gayathri Devi	CAI	FDP	SRM TRP	25-09-2023 to 29-09-2023
79	Dr. N. Gayathri Devi	CAI	FDP	SVCET	09-10-2023 to 13-10-2023
80	Dr. N. Gayathri Devi	CAI	FDP	METHODIST College of Engineering & Technology	09-10-2023 to 13-10-2023
81	Dr. N. Gayathri Devi	CAI	Webinar	PRESIDENCY UNIVERSITY	13-10-2023
82	Dr. N. Gayathri Devi	CAI	Orientation Program	ACRNET India & CliMed Research Solutions	25-10-2023
83	Dr. N. Gayathri Devi	CAI	FDP	APSSDC	13-11-2023 to 17-11-2023
84	Dr. N. Gayathri Devi	CAI	International FDP	Sri S. Ramasamy Naidu Memorial College, Virudhunagar	20-11-2023 to 27-11-2023
85	Dr. N. Gayathri Devi	CAI	FDP	PRESIDENCY UNIVERSITY	25-11-2023
86	Dr. N. Gayathri Devi	CAI	Training Program	EXCELR	27-11-2023 to 15-12-2023

87	Dr. N. Gayathri Devi	CAI	FDP	SITAMS	03-12-2023 to 05-12-2023
88	Dr. N. Gayathri Devi	CAI	FDP	PRESIDENCY UNIVERSITY	09-12-2023
89	Dr. N. Gayathri Devi	CAI	National FDP	EXCEL R	20-11-2023 to 01-12-2023
90	Dr. K. Sudarsan Professor	MBA	STTP	Online Short Term Training Programme on “Construction of Optimum Investment Portfolios”	Centre for Excellence in Financial Markets, CMR Institute of Technology, Bengaluru
91	Dr. K. Sudarsan Professor	MBA	FDP	FDP on “Research Methodology using ChatGPT and AI Tools”	Marian College Kuttikanam (Autonomous) in association with The Kerala State Higher Education Council
92	Dr. K. Sudarsan Professor	MBA	FDP	online FDP on “Curriculum Framework in line with NEP 2020, OBE and AI Advancements”	Marian College Kuttikanam (Autonomous) in association with The Kerala State Higher Education Council