KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

(**An Autonomous Institution** - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near **VIRUDHUNAGAR**).

ECE LUMINANCE

Enlighten Your Knowledge

Department of Electronics and
Communication Engineering
(Accredited by NBA)

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ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering is established in the year 1998. In 2011, the department started post graduate program, M.E. degree in Communication and Networking. In 2015, the Department has been accredited by NBA (2020 – 2023) and recognized as Research Center by Anna University Chennai. The Department has 18 highly qualified and well experienced faculty members. It is well equipped with fully air conditional laboratories to cater the present academic and industry requirements. The department is conducting various workshops and Seminars to update students and faculty members with the knowledge of emerging fields towards industrial applications.

VISION AND MISSION

VISION

"To make the Department of Electronics and Communication Engineering of this Institution the unique of its kind in the field of Research and Development activities in this part of World"

MISSION

"To impart highly innovative and technical knowledge in the field of Electronics and Communication Engineering to the urban and unreachable rural student floks through Total Quality Education"

PEOS (PROGRAMME EDUCATIONAL OBJECTIVES)

1. To establish a strong foundation in Electronics and Communication Engineering necessary to formulate, model, analyze and solve real time problems.

2. To include professional skills and life skills for placement or to pursue higher studies in the relevant fields.

3. To promote research and development activities and solve industrial problems with creative ideas.

PSOS (PROGRAMME SPECIFIC OUTCOME)

1. Ability to make use of attained technical knowledge in the field of Electronics and Communication Engineering for a successful career and qualifying in competitive examinations at the national level.

2. Ability to develop workable solutions for real-time challenges in Electronics and Communication Engineering.

AI in Weather Monitoring

Artificial intelligence (AI) is increasingly being used in weather monitoring to improve the accuracy and efficiency of weather forecasting. AI can help to process large amounts of weather data from different sources, such as satellites, radar, and ground-based weather stations, and use this data to create more accurate weather forecasts.

One way AI is being used in weather monitoring is through machine learning algorithms. These algorithms can be trained on historical weather data to recognize patterns and make predictions about future weather conditions. For example, machine learning algorithms can be used to predict the likelihood of severe weather events, such as hurricanes, tornadoes, or floods, based on past weather patterns and current atmospheric conditions.

Another way AI is being used in weather monitoring is through computer vision techniques, such as image recognition and object detection. For example, AI algorithms can be trained to analyze satellite images of clouds and other weather patterns to identify potential areas of severe weather activity.

In addition to improving the accuracy of weather forecasting, AI is also being used to improve the efficiency of weather monitoring systems. For example, AI algorithms can be used to automatically detect and correct errors in weather data, which can help to reduce the amount of manual effort required to process this data.

Overall, the use of AI in weather monitoring has the potential to greatly improve our understanding and prediction of weather patterns, which can have important implications for a wide range of industries and activities, including agriculture, transportation, and emergency management.

TECHNOLOGY CATCHMENT AREA

AI in Weather Monitoring
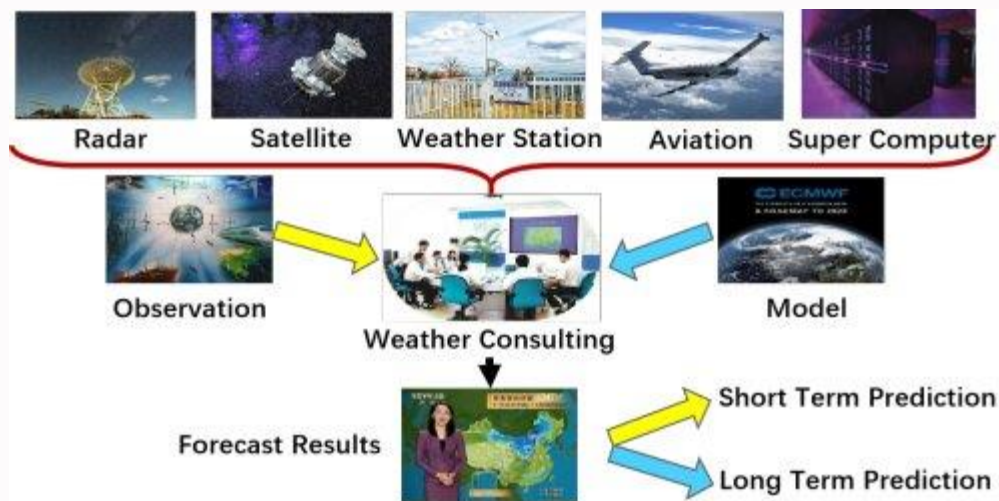

Role of AI In Weather Monitoring:

The role of AI in weather monitoring is becoming increasingly important as the volume of weather data continues to grow and the need for accurate weather forecasting becomes more critical. Some of the key roles that AI plays in weather monitoring are:

Improved Accuracy: AI algorithms can process vast amounts of weather data and analyze it to identify patterns and relationships that are difficult for humans to detect. By leveraging this technology, weather forecasting can be made more accurate, enabling better predictions of weather patterns and events.

Early Warning Systems: AI can be used to develop early warning systems that can alert people to potential severe weather events. By analyzing weather data in real-time, AI can identify patterns that indicate the likelihood of severe weather, such as tornadoes, hurricanes, or floods. These early warning systems can save lives and help people to prepare for severe weather events.

AI in Weather Monitoring

Better Decision Making: By providing more accurate weather forecasts and early warnings, AI can help people to make better decisions related to weather. This includes decisions related to agriculture, transportation, and emergency management, among others. AI can also be used to optimize operations related to weather, such as energy production and distribution, based on weather forecasts.

Cost Savings: AI can help to reduce the costs associated with weather monitoring and forecasting by automating many of the processes involved. For example, AI algorithms can be used to process large amounts of weather data, reducing the need for manual analysis. This can help to reduce costs and improve the efficiency of weather monitoring systems.

Overall, the role of AI in weather monitoring is becoming increasingly important as the need for accurate and timely weather forecasting continues to grow. By leveraging AI technology, we can improve our understanding and prediction of weather patterns, which can have important implications for a wide range of industries and activities.

FUNDED PROJECT – FACULTY

S. No.	Name of the Principal Investigator/ Co-Investigator	Project Title	Funding Agency	Project Duration	Project Cost	Project Status (Ongoing /Completed)
1	Dr. R. Suresh Babu	Smart Dust Bin	Hyundai-Road safety	6 Month	1,000/-	Submitted
2	Dr.R.SureshBabu, Dr.T.Prathiba and Mrs.P.Muthumari	Skill Development Initiatives on the Medicinal value of Athalakkai(Momordica Cymbalaria) for Improving the Livelihood of Women Self Help Groups(SHG)	Unnat Bharat Abhiyan	1 Year	50,000	Submitted
3	Dr.R.Suresh Babu Dr.T.Prathiba, Mrs.P.Ramalakshmi	Spraying of Pesticides using Drone in Agricultural works	AU-NLCIL Innovation Hub for Energy, Environment & Sustainability (ANIHEES)	-	-	Submitted
4	Dr.R.Suresh Babu ,Dr.N.M.Mary Sindhuja	MEMS Sensors And It's Applicaions	Redesigned ,Innovative ATAL FDP 2022-2023 (Basic ATAL FDPs)	-	-	Submitted

FUNDED PROJECT – FACULTY

S. No.	Name of the Principal Investigator/ Co-Investigator	Project Title	Funding Agency	Project Duration	Project Cost	Project Status (Ongoing /Completed)
5	Dr.R.Suresh Babu Dr. T. Pamdiselvi	Efficient Tumor Volume estimation and stage analysis of Brain and Lung cancer using machine learning approach for various Medical Imaging modalities	SERB -Fire scheme	-	-	Submitted
6	Dr.R.Suresh Babu ,Dr.T.Prathiba	The Next Generation in Data Science and its Applications - Hands on Experience using Python	Redesigned ,Innovative ATAL FDP 2022-2023 (Basic ATAL FDPs)	-	-	Submitted
7	Dr.R.Suresbabu, Dr.T.Prathiba & Mrs.P.Muthumari	Automatic security kit for detecting and repelling wild boar in farmland	KAMARAJ SEED	1 Year	50,000	Submitted

FUNDED PROJECT - STUDENTS

S. No.	Name of the Principal Investigator/ Co-Investigator	Project Title	Funding Agency	Project Duration	Project Cost	Project Status (Ongoing /Completed)
1	A.Shenbaga Devi, U. Rajalakshmi, N. Madhu Sivani under the Guidance Dr.N.M.Mary Sindhuja	Power Saving Using Motion Sensor In Public Spaces	Tamilnadu State Council for Science and Technology (TNSCST)	1 Year	Rs. 7,500	Ongoing
2	M.A.Haritha, J.Sahaya Joan Nichola, A.M. Sarayu Vivarttini under the Guidance of Dr. R. Suresh Babu	Sanitary Napkin Disposal Machine	Virudhunagar Municipality,S WACHH BHARAT Scheme	1 year	-	Submitted
3	K.Siva Dharshan, J.Hariharan under the Guidance of Dr. A. Geetha	Money Vendor Bin for Plastic Wastes	Virudhunagar Municipality,S WACHH BHARAT Scheme	1 year	-	Submitted
4	C.Joshekaa, S.Sangeetha under the Guidance of Dr. V. Jeyalakshmi	Reverse Vending Machine for Effective Pet Jar Segregation and Disposal	Virudhunagar Municipality,S WACHH BHARAT Scheme	1 year	-	Submitted
5	S.Prakash P.Ajith kumar, G.Vigneshrraj under the Guidance of Mrs. P.Muthumari	Automated Waste Separator Machine	Virudhunagar Municipality,S WACHH BHARAT Scheme	1 year	-	Submitted

FUNDED PROJECT - STUDENTS

S. No.	Name of the Principal Investigator/ Co-Investigator	Project Title	Funding Agency	Project Duration	Project Cost	Project Status (Ongoing /Completed)
6	Ms.M.Gousika, Ms.V.Josna Sweety under the Guidance of Mrs.S. Nisha Rani	Waste Management Using Holistic System	Virudhunagar Municipality,SWACHH BHARAT Scheme	1 year	-	Submitted
7	P Aungilas Sowban Prajah, B.Saravanan, S.Naveen under the Guidance of Dr. T. Pandiselvi & Mrs. P. Ramalakshmi	AI Smart Bin	Virudhunagar Municipality,SWACHH BHARAT Scheme	1 year	-	Submitted
8	Madhu roja V. Nivetha M, Under the Guidance of Mr. R. Ashok	Smart Waste Separator and Useful Fertilizer Conversion Machine	Virudhunagar Municipality,SWACHH BHARAT Scheme	1 year	-	Submitted
9	C. Joshekaa and S. Sangeetha under the guidance of Mr. R. Ashok	Accident Prevention By Efficient Brake Monitoring And Controlling System	Hyundai-Road safety	6 Month	-	Submitted
10	C. Joshekaa and S. Sangeetha under the Guidance of Mr. R. Ashok	Smart Waste Separator and Useful Fertilizer Conversion Machine	Hyundai-Road safety	6 Month	-	Submitted
11	Ms. Sahaya Joan Nichola, Ms.Haritha under the Guidance of Dr. R. Suresh Babu	Sanitary Vending Machine	Hyundai-Road safety	6 Month	-	Submitted

FUNDED PROJECT - STUDENTS

S. No.	Name of the Principal Investigator/ Co-Investigator	Project Title	Funding Agency	Project Duration	Project Cost	Project Status (Ongoing /Completed)
11	S.Yogan and S.S.Yeshwanth under the Guidance of Dr.R.Suresh Babu, Er.P.Ramalakshmi	Protection of Crops from Pests and Wild Animals Attack Using UV and LDR Based Embedded Technology	Unnat Bharat Abhiyan	1 Year	50,000	Submitted
12	Ms.S.M.Anna Lakshmi, Ms.M.Sudaroli, Ms.T.Jegatheeswar under the Guidance of Dr.T.Prathiba, Dr.R.Sureshbabu	Automatic security kit for detecting and repelling wild boar in farmland	Unnat Bharat Abhiyan	1 Year	50,000	Submitted

JOURNAL PUBLICATION - FACULTY

L. Prabahar , Dr. R. Sukumar, and **Dr. R. Sureshbabu** published their research work on **"CCSC—DHKEP: Data Confidentiality Using Improved Security Approaches in Cloud Environment"** in Wireless Personal Communications, Springer. DOI:10.1007/s11277-021-09104-9. Impact Factor: 1.2

S. Niharani & G. Indhumathi published their research work on **"Hybrid Grey Wolf Optimization with Cuckoo Search (GWO-CS) based Optimal Channel Estimation for Energy Efficient MIMO"** in the International Journal of Communication Systems. DOI:10.1007/https://doi.org/10.1002/dac.5106, Online ISSN:1099-1131. Impact Factor : 1.822

Abeer Ali Alnuaim, Mohammed Zakariah, Prashant Kumar Shukla, Aseel Alhadlaq, Wesam Atef Hatamleh, Hussam Tarazi, **R. Sureshbabu**, Rajnish Ratna published their research work on **"Human-Computer Interaction for Recognizing Speech Emotions Using Multilayer Perceptron Classifier"** in Journal of Healthcare Engineering, Vol. 2022, Article ID 6005446, 12 pages, 2022. https://doi.org/10.1155/2022/6005446, Impact Factor : 2.682

Paras Jain , Sunita Dwivedi, Adel R. Alharbi, **R. Sureshbabu**, Devesh Pratap Singh, Sajjad Shaukat Jamal ,and Daniel Krah published his research work on "Blockchain-Enabled Smart Surveillance System with Artificial Intelligence" in Hindawi, Wireless Communications and Mobile Computing, Page No.1-9, https: //doi.org /10.1155 /2022 /2792639, ISSN: 15308677, 15308669

Mr. Wesley Moses Samdoss and **Dr. Sureshbabu**, published his research work on **"Scalable IoT based Automatic Methylene die Reduction Test for Assuring Quality of Milk"** in the International Journal of Innovative Research in Technology, Vol.9, Issue.1, 2022, ISSN : 2439 6002

Nancy Deborah R, **Alwyn Rajiv S**, Rahul K, Selwin Landis N, Kaveri Shankar M, published his research work on "An Intelligent Deep Learning Based Animal Detection System" in International Journal of Scientific Research in Engineering and Management, Vol.6, Issue. 6, June 2022, ISSN: 2582 3930

EDITORIAL BOARD MEMBERS IN JOURNALS

Dr. R. Suresh Babu, Professor & Head has acted as Reviewer on "AVL and Perceptron with backpropagation Routing in Wireless Sensor Networks" in Wireless Networks" Springer, Netherlands

Dr. N. M. Mary Sindhuja, Assistant Professor / ECE has acted as Reviewer on "International Conference on Distributed Computing and Electrical Circuits and Electronics ICDCECE-2022" in Ballari Institute of Technology and Management, Ballari, Karnataka.

Dr. N. M. Mary Sindhuja, Assistant Professor / ECE has acted as Reviewer on "International Conference on DataScience and Information System (ICDSIS - 2022)" in Malnad College of Engineering, Hassan.

Dr. R. Suresh Babu, Professor & Head has acted as Reviewer on "A Secure Energy Efficient Fog Based Optimized Routing Protocol For Sensor Network (IJCIA-D-22-00040)" in International Journal of Computational Intelligence and Applications

Dr. R. Suresh Babu, Professor & Head has acted as Reviewer on "Green Wireless Sensor Networks In The Cyber Physical Systems" in Journal of Internet Technology

PATENTS PUBLISHED BY FACULTY MEMBERS

S. No.	Name of the faculty with Co-Authors	Title of the Patents	Application Number / Publication Number	Status
1	Dr.Dinesh Anton Raja P **Dr.R.S.Venkatesan** Mr.Dalsania Piyushkumar Chandulal N Suguna Dr R Saravanakumar Mr.PUNEET NARAYAN Dr. V. Velmurugan Mr. Karthi J Mr.Ch Murali Krishna Dr. S. Suresh	Compact Planner antenna for high-speed communication	202241001139	Published
2	Dr. N. M. Mary Sindhuja	Compact Space Filling Curve based RF MEMS Phase Shifters for 5G Applications	202141046662	Published

BOOK /CHAPTER PUBLISHED BY FACULTY MEMBERS

S. No.	Name of the faculty with Co-Authors	Title of the Book	Publisher	ISBN No..
1.	Dr. T. Bhaskar, D. Sugana, Dr. U. Pavan Kumar, **Dr. T. Prathiba**	Fundamentals of Digital Image Processing	Scientific International Publishing House	978-93-5025-148-9
2.	S. Alwyn Rajiv	Coding Techniques 1 : Problem Solving Fundamentals	Copy Right – Filled	Diary No. 12210/2022-CO/L
3.	Mrs. P. Ramalakshmi, S. Alwyn Rajiv	A Laboratory Manual for Engineering Practices Laboratory (Electrical & Electronics)	Copy Right – Filled	Diary No. 2555/2022-CO/L

CONFERENCE PUBLICATIONS BY FACULTY MEMBERS

S. No.	Name of the faculty with Co-Authors	Title of the Paper	Title of the Conference	Date & Venue of Conference	Sponsored by, if any
1	Nithyanantham K K, **Ashok R, Rajprabu R & Stella Mercy M**	Development of Unmanned Aerial Vehicle Control using Virtual Private Network	3rd National Conference on Communication & System Design	11th June 2022 PSG Institute of Technology and Applied Research, Coimbatore	-
2.	**Dr. T. Pandiselvi**	Deep Learning Based Apnea Detection And Classification In ECG Signal By Robust Feature Of RR And CNN	12 th International conference on science and innovative engineering 2022	5th June 2022, Jawahar Engineering College, Chennai	-
3.	**Mrs. C. Nagavani**	'Ear Biometric identification using neural network	12 th International conference on science and innovative engineering 2022	5th June 2022, Jawahar Engineering College, Chennai	-

JOURNAL PUBLICATION - STUDENT

Ms.M.Stella Mercy, **D. Priya Dharshini, J. Sineka**, published their project work on **"Energy Efficient Joint Scheduling For Underlay D2D Communications"** in International Journal of Innovative Science, Engineering and Technology, Volume 9 Issue 5, May 2022

V Jeyalakshmi, **P Divya, P S Layra, G Sorna Selvam**, published their project work on **"Non-invasive method for covid-19 detection with volatile organic compounds sensors Using arduino uno processor"** in International Journal of Innovative Science, Engineering and Technology, Volume 9 Issue 5, May 2022

CONFERENCE PUBLICATIONS BY STUDENTS

S. No.	Name of the faculty with Co-Authors	Title of the Paper	Title of the Conference	Date & Venue of Conference	Sponsored by, if any
1.	**Anu K** Dr. R. Suresh Babu	An Adaptive Method for Traffic Signal Control Based on Fuzz Logic With Webster and Modifier Webster	International Conference on Smart Environment Management and Solutions.	Virtual Conference 21.04.2022 and 22.04.2022	IFERP
2	**K.Shenbaga Devi** **U.Rajalakshmi** **N.Madhu Sivani** Dr.N.M.Mary Sindhuja	Design and Analysis Of Dual Band Planar Antenna For Mobile Radio Applications	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
3	**PL.Praveena** **AK.Deepthi Sree** **K.Monica Shree** R Ashok **(Best Paper)**	Internet Of Things Based Covid Tracker	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
4	**P. Sweshika** Dr.R.Suresh Babu	Design And Performance Analysis Of High Power Amplifier Mmic In 40ghz Using Gan For Satellite Communication	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
5	**G.Bresshi** Dr.R.Suresh Babu	A Low Noise Amplifier Design With High Gain Using Cmos Technology For Embb(Extremely Mobile Broadband) Application	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
6	**S.Nagalakshmi** **V.Sruthika** **M.Bavadharani** Dr.R.S.Venkatesan	Fpga Implementation Of Mask Vending Machine	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
7	**T Divyajothi** **A Pavithra** **M.Sree Nivetha** S Nisha Rani	Optimal Channel Estimation to Improve Energy Efficiency in Massive MIMO System using BCD Algorithm	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-

CONFERENCE PUBLICATIONS BY STUDENTS

S. No.	Name of the faculty with Co-Authors	Title of the Paper	Title of the Conference	Date & Venue of Conference	Sponsored by, if any
8	**Pradeepa S Nandhini M** P. Aravind	Performance Enhancement In Solar Photovoltaic Array Under Partial Shading Conditions With Electrical Reconfiguration Techniques	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
9	**M.Nivetha** S.Nisharani	Energy Aware Fuzzy Clustering for WSN	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
10	**M.Mareeswari@Roj amalar R.Pavithra K.Arunadevi** C.Nagavani	GPS and GSM Technology For Automatic Railway Track Crack Detection	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
11	**A.Ambika M.Kayalvizhi K.Yanthra** M.Ramesh	Voice Controlled Car using Arduino UNO	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
12	**E.Priyadharsini M.Priyadharshini B.Nandhini** Dr.R.S.Venkatesan	FPGA Based Robotic ARM Controller	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
13	**R.Rishi David Samuvel.K S.Surya** Dr.R.Suresh Babu	Cashew nut sorting machine based on quality	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
14	**R.Sasidharan S.Arumugam P.R.Vikash** Dr.T.Pandiselvi	Comparison analysis of Skin cancer detection using SVM and CNN	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-

CONFERENCE PUBLICATIONS BY STUDENTS

S. No.	Name of the faculty with Co-Authors	Title of the Paper	Title of the Conference	Date & Venue of Conference	Sponsored by, if any
15	**Annalakshmi.S.M T.Jegatheeswari M.Sudaroli** Dr.T.Prathiba **(Best Paper)**	Development of noninvasive diagnosis of type ii diabetes kit using thermal camera and raspberry pi processor.	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
16	**Sakthi Krishnaa.V Bharathkumarr.N.K Kathirvelu** Dr.T.Prathiba	Enhanced Speed Sorting using Real Time Computer Vision	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
17	**S.Dafine N.Harshini M.Indhumathi** S.Alwyn Rajiv	FPGA based performance analysis PRESENT lightweight cryptography algorithm	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
18	**A.Jaquline Maria M.Keerthana K.Priyadharshini** P.Muthumari	Securing SoCs with FPGA Against Rowhammer Attack	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
19	**S.S.Yeshwanth S.Yogan.** P.Ramalakshmi	Design And Performance Analysis Of X-Band Low Noise Amplifier Using CMOS Technology For Radar Applications	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
20	**A.K.Sardak agarson R.Seshavan** S.Nisharani	Impact of Pilot overhead and Channel Estimation on the Perfomance of Massive MIMO	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
21	**S.Bala Murugan K.Arun Kumaran S.Sunil Surya Prakash** C.Nagavani	Smart Biometric Attendance system	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-

CONFERENCE PUBLICATIONS BY STUDENTS

S. No.	Name of the faculty with Co-Authors	Title of the Paper	Title of the Conference	Date & Venue of Conference	Sponsored by, if any
22	**Sai Anirudh R** Dr.R.Suresh Babu **(Best Paper)**	Privacy Preserving in Criminal FIR Data Protection using Blockchain Technology	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
23	**Sre Hariprasadh S M** **Vinoth Kumar A** **Venkatesh S R** M Stella Mercy	Covid-19 Fencing System With Contact Traceability	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
24	**Joshekaa.C** **Karthick Raja.M** **Sangeetha.S** **Ashok.G** Dr.T.Prathiba	Adaptable Speed Breaker System (ASBS) for Ambulance (Poster)	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
25	**S.Subhiksha** **M.Gousika** **V.Josna Sweety** **S.Aishwarya** P.Aravind	Fault detection and diagnosis in solar PV system using TinyML (Poster)	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
26	**S.Prakash** **G.Vegneshrraj** **P.Ajith Kumar** **K.M.Nithish Kumar** **A.Manoj Kumar** Dr.T.Prathiba **(Best Poster)**	Multiclass Image Classification using VGG16 (Poster)	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
27	**C.Maheshwaran** **M.Ghavana Mani** **S.Naveen** **V.Madhu Roja** **M.Nivetha** C.Nagavani	A prototype of a portable optical sensor for the detection of plastics in underground and to increase water storage efficiency. (Poster)	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
28	**Sivadharshan K** **Gokulnath P** **Hariharan J** Nisha Rani S	Electrical scooter with digital display(Poster)	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-

CONFERENCE PUBLICATIONS BY STUDENTS

S. No.	Name of the faculty with Co-Authors	Title of the Paper	Title of the Conference	Date & Venue of Conference	Sponsored by, if any
29	P.Ramalakshmi **C. Venkatesh N. AkashKumar S. Abishek Edward A. Mohammad Mustafa B. Sriram**	Automatic Humidity Monitoring and Irrigation System With IOT (Poster)	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
30	P.Muthumari **N.Kiruthika T.Suguna M.Jananisri S.Adithyaaravind T.Natarajan**	Quality Improvement Of Yarn Production (Poster)	Kamaraj International Conference on Recent trends in Engineering and Technology	Kamaraj College of Engineering and Technology, 08.04.2022-09.04.2022	-
31	Dr.N.M.Mary Sindhuja, **K.Shenbaga Devi, U.Rajalakshmi, N.Madhu Sivani**	POWER SAVING USING MOTION SENSOR IN PUBLIC SPACES	2nd International Conference on Advanced Computing and Communication Technology	19.05.2022 & 20.05.2022 Francis Xavier Engineering College	-
32	R.Ashok, **Manikanda Prabhu , Arunkumar , Hariharan**	Zone based Automatic Speed Controller using RF Module	Recent Advancements in Science, Engineering and Technologies(RASET2022)	13.05.2022 & 14.05.2022 Dept. of ECE, Bannari Amman Institute of Technology	
33	Ms.M.Stella Mercy, **D.Priya Dharshini, J.Sineka**	ENERGY EFFICIENT JOINT SCHEDULING FOR UNDERLAY D2D COMMUNICATIONS	International Conference on Science Engineering and Technology-2022	07.05.2022 Online Organized by International Journal of Innovative Science, Engineering and Technology	-
34	V Jeyalakshmi, **P Divya, P S Layra, G Sorna Selvam**	NON-INVASIVE METHOD FOR COVID-19 DETECTION WITH VOLATILE ORGANIC COMPOUNDS SENSORS USING ARDUINO UNO PROCESSOR	International Conference on Science Engineering and Technology-2022	07.05.2022 Online Organized by International Journal of Innovative Science, Engineering and Technology	-
35	R.Sureshbabu, **Haritha, Sahaya Joan Nichola, Sarayu Vivartini**	Avoid Statue Theft in Temple using RFID Tag	12th National Conference on Trends in Engineering Applications, NCTEA'22	06.05.2022 Velalar College of Engineering and Technology, Erode	-

CONFERENCE PUBLICATIONS BY STUDENTS

S. No.	Name of the faculty with Co-Authors	Title of the Paper	Title of the Conference	Date & Venue of Conference	Sponsored by, if any
36	Dr.N.M.Mary Sindhuja and **P.Sweshika**	Analysis of 3 bit DMTL phase shifter for satellite communication System	12th International conference on Science and Innovative Engineering 2022	5th June 2022, Francis Xavier Engineering College, Tirunelveli	-

FACULTY MEMBERS GUIDING RESEARCH SCHOLARS

Name of the Supervisor	Name of the Research Scholar	AU Reg. No.	Date of Registration	Category	Status of Ph.D. Work
Dr. R. SURESH BABU	Mrs. M. STELLA MERCY	1624489392	March 2022	Part Time	Confirmation Completed

RESOURCE PERSON

S. No.	Name of the faculty	Name of the Programme	Date	Organizing Institution	Sponsored by, if any	Resource Person/Chair Person/ Guest Speaker, etc
1	Dr. R. Suresh Babu	Maintenance of UPS and Batteries	27/01/2022	Kamaraj College of Engineering and Technology	-	Resource Person
2	Mrs. C. Nagavani	Internship on IoT	04 & 05 /01/2022	Kamaraj College of Engineering and Technology	-	Resource Person
3	Mrs. S. Ashok	Internship on IoT	04 & 05 /01/2022	Kamaraj College of Engineering and Technology	-	Resource Person
4	Mrs. P. Ramalakshmi	Math Project Cum Model Competition	14.02.2022	Department of Maths, Kamaraj College of Engineering and Technology	-	Judge
5	Mr. R. Ashok	Math Project Cum Model Competition	14.02.2022	Department of Maths, Kamaraj College of Engineering and Technology	-	Judge
6	Dr. T. Prathiba, Dr. R. S. Venkatesan, Mr. P. Aravind, Mrs. P. Muthumari, Mr. RajPrabhu Mrs. P. Ramalakshmi Mr. S. Alwyn Rajiv	Skill Development Program -Hands on Training in Digital System Design using Verilog in EBOX platform	11.04.2022 to 13.04.2022 and 19.04.2022 to 22.04.2022	Kamaraj College of Engineering and Technology	-	Resource Person
7	Mrs. C. Nagavani	KCET Build-A-Thon 2022	27.05.2022	Department of ECE	-	Judge
8	Dr.T . Pandiselvi	Awareness program on Higher education to TamilNadu Government police	04.05.2022	TamilNadu Government police ,Collectorate ,Virudhunagar	TamilNadu Government	Resource Person

RESOURCE PERSON

S. No.	Name of the faculty	Name of the Programme	Date	Organizing Institution	Sponsored by, if any	Resource Person/Chair Person/ Guest Speaker, etc
9	Dr. R. Suresh Babu	The Importance of Engineering Studies and its Employment Opportunity	24/03/2022	Vikasa School (ICSE) , Tuticorin	-	Guest Speaker
10	Mrs. C. Nagavani	One day workshop on Embedded systems based on Firebird platform	18/03/2022	Deaapartment of Mectronics	-	Resource Person
11	Mr. P. Aravind	One day workshop on Embedded systems based on Firebird platform	18/03/2022	Deaapartment of Mectronics	-	Resource Person
12	Dr. R. Suresh Babu	Higher Education Avenues to 181 VSVN Polytechnic College students	11/03/2022	Kamaraj College of Engineering & Technology		Guest Speaker

FDP ATTENDED BY FACULTY MEMBERS

S. No.	Name of the faculty	Name of the Programme	Date	Organizing Institution	Sponsored by, if any	Participated/Presented
1	Dr. T. Prathiba	Advances in Artificial Intelligence	21/01/2022 to 25/01/2022	ITER, Siksha 'O' Anusandhan (Deemed to be University) Bhubaneswar, Odisha	AICTE Training and Learning (ATAL) Academy	Participated
2	Dr. T. Prathiba	FRONTIERS IN AI BASED MULTIMEDIA SIGNAL PROCESSING	17/01/2022 to 21/01/2022	Mepco Schlenk Engineering College	-	Participated
3	Dr. Mary Sindhuja N M	Advanced Pedagogy Using Smart Tools	21/1/2022 to 28/1/2022	K.L.N. College of Engineering	AICTE -ISTE Sponsored	Participated
4	Dr. Mary Sindhuja N M	RF Front End Architecture for GNSS Receivers	22/1/2022	Thaigarajar College of Engineering	IEEE MTT-S Madras Section	Participated
5	Mr. M. Ramesh	Software Defined Radio for Next Generation Wireless Communication Systems	17/01/2022 to 21/01/2022	KLE Technological University, B. V. Bhoomaraddi Campus, Vidyanagar, Hubballi (India)	VGST Sponsored	Participated
6	Mr. M. Ramesh	Webinar on "Advanced Antenna's Design for 5G MIMO with CST Studio Suite 2022 & Antenna Magus2	24/01/2022	Kongu Engineering College, Perundurai	IEEE Antennas and Propagation Society Chapter	Participated
7	Mrs. M. Gokila	Online Course "Leadership and Management", "Effective Communication", "Principles of Management", "Introduction Management", "Time Management"	January 2022	Great Learning	-	Participated

FDP ATTENDED BY FACULTY MEMBERS

S. No.	Name of the faculty	Name of the Programme	Date	Organizing Institution	Sponsored by, if any	Participated/ Presented
8	Mr. Alwyn Rajiv S	Online Course "Computer Vision"	January 2022	Great Learning	-	Participated
9	Mrs. P. Ramalakshmi	LabVIEW ESD training on myRIO	22.02.2022 & 23.02.2022	Department EIE, Kamaraj College of Engineering and Technology	-	Participated
10	Dr. N. M. Mary Sindhuja	AICTE Incorporating Universal Human Values in Education	31.01.2022 to 04.02.2022	AICTE	AICTE	Participated
11	Dr. A. Geetha	Machine Learning with Jetson Nano	07.02.2022 to 11.02.2022	Department CSE, Kamaraj College of Engineering and Technology	ISTE	Participated
12	Dr. T. Prathiba	Machine Learning with Jetson Nano	07.02.2022 to 11.02.2022	Department CSE, Kamaraj College of Engineering and Technology	ISTE	Participated
13	Dr. T. Pandiselvi	Machine Learning with Jetson Nano	07.02.2022 to 11.02.2022	Department CSE, Kamaraj College of Engineering and Technology	ISTE	Participated
14	Dr. R. S. Venkatesh	Digital VLSI Design	31.01.2022 to 05.02.2022	Sri Venkateswara College of Engineering, Sriperumbudur	-	Participated
15	Mr. S. Alwyn Rajiv	Five day FDP Embedded System Design Using INTEL soc FPGAs	01.02.2022 to 05.02.2022	SSN college of Engineering in association with Intel Technologies Ltd Bangalore	-	Participated
16	Dr. N. M. Mary Sindhuja	Webinar on the topic "Innovation on Reconfigurable Antenna and it's Future Research Applications"	17.02.2022	Mother Theresa Engineering College, Vagaikulam	-	Participated

FDP ATTENDED BY FACULTY MEMBERS

S. No.	Name of the faculty	Name of the Programme	Date	Organizing Institution	Sponsored by, if any	Participated/ Presented
17	Mrs. P. Ramalashmi	RBCDSAI FCAI Conference on Deployable AI	07/03 to 11/03 2022	Robert Bosch Centre for Data Science and AI IIT Madras	-	Participated
18	Dr. T. Prathiba	Five - Days National Level Online Faculty Development Program on "Recent Research Trends in Biomedical Technology"	4th to 8th April-2022	KSGBS's, BHARATRATNA INDIRA GANDHI COLLEGE OF ENGINEERING, SOLAPUR. Organized by Dept. of Biomedical Engineering	-	Participated
19	Dr.T.Prathiba	National Seminar on Good Academic Research Practices	April 24th, 2022	GRABS Educational Charitable Trust and Tamil Nadu Association of Intellectuals and Faculty (TAIF), Chennai	-	-
20	M. Ramesh	International Webinar on 'Introduction to Blockchain'	30-04-2022	Flt. Lt. Kishore A T, CEO of Vidhya Sangha Technologies Pvt Ltd	-	-
21	P. Aravind	Ideation and Proposal Writing Workshop	2.04.2022 & 03.04.2022	PALS and Rural Technology Action Group, IIT Madras	-	-
22	Mr. R. Ashok	Semiconductor Industry Awareness	28.05.2022	Tessolve, Bangalore	-	Participation
23	Mr. P. Aravind	2 days online National Workshop on "Issues of Renewable Energy Integrated Smart Grid"	22 & 23 April 2022	Dept. of EEE, College of Engineering, Bhuvaneswar.	-	-

FDP ATTENDED BY FACULTY MEMBERS

S. No.	Name of the faculty	Name of the Programme	Date	Organizing Institution	Sponsored by, if any	Participated/ Presented
24	Ms. M. Stella Mercy	Digital System Design	12 Weeks	NPTEL	-	Elite + Silver
25	Mr. R. Rajprabhu	Introduction to Machine Learning (Tamil)	12 Weeks	NPTEL	-	Elite + Silver

ECE EVENTS

S. No.	Name of the Programme	Date	Sponsoring Authority, if any	No. of Participants	Resource Persons/ Chief Guest	Coordinators
1.	UPS and Battery Maintenance for Technicians	27/01/2022 & 28/01/2022	-	33	Mr.Saravanan, Best Tech Power Solutions, Rajapalayam	Dr.R.Sureshbabu, Mr.R.Rajprabhu & Mrs. P. Ramalakshmi
2.	Entrepreneurship Awareness on Athalakkai Cultivation	28/01/2022	-	51 Women Self Help Group	Faculty Members	Dr.R.Sureshbabu, Dr.T.Pathiba, Mrs.P.Muthumari and Mrs.P.Ramalakshmi
3.	"Internship on Internet of Things" for VVV college students	04.01.2022 & 05.01.2022, 15.02.2022 to 18.02.2022	-	37 VVV college students -II year UG-physics	Internal Faculty Members	Dr. R. Suresh Babu, Mrs. C. Nagavani
4.	Lecture Series - 08 "Challenges and Hints for a Draft to Scientific Publications: Editor Perspective"	15.02.2022	-	42 Faculty Members	Dr. K. MATHIYAZHAGAN, Associate professor, Chairperson - Research Centre, Thiagarajar school of Management	Dr.N.M.Mary Sindhuja
5	Value Added Course," Integrated Web development with IoT"	23.02.2022 to 28.02.2022	-	II ECE Students (58 Students)	Mr.Mathiyalagan, Mr.Avinash, Incrixtechlutions, Chennai	Dr.N.M.Mary Sindhuja
6	Student Development Program on Competent Qualities	23/03/2022	ISTE Students Chapter	II year ECE - 61	JC HCF R.Somath Babu, Sree Mediks , Sivakasi	Dr.R.Sureshbabu and Mrs.P.Ramalakshmi
7	Project Expo Competition	11/03/2022	IETE Students Forum	II Year ECE - 61	Judges: Mr.Srinivasan and Ms.Muthulakshmi	Dr. V. Jeyalakshmi

ECE EVENTS

S. No.	Name of the Programme	Date	Sponsoring Authority, if any	No. of Participants	Resource Persons/ Chief Guest	Coordinators
8.	Guest Lecture on Recent Trends In Drone Technology	29/03/2022	IETE Students Forum	III Year ECE 75 Students and 6 Faculty Members	Dr.K.K.Nithyanantham, Associate Professor, Department of Avionics, Rajalakshmi Engineering College	Dr. V. Jeyalakshmi
9.	Alumni Interaction in the title "Insight to Innovative Antenna Design"	22.04.2022	-	3 Year Students	Er.A.AntoAmala. M.E., (2013-2017 batch) Associate Staff Engineer – Memory Solution, Samsung Semiconductor India Research, Bengaluru	Ms C.Nagavani Dr.T.Pandiselvi
10.	Online Alumni Interaction in the title "IBM Mainframes and Microsoft CRM technologies and its scopes	26.04.2022	-	3 Year Students	Er.G.Prasanna Senior Software Developer, Fisherv Chennai and Er.S.Madhev Raj CRM operation Lead Pragmasys Consulting Ltd, Chennai.	Ms C.Nagavani Dr.T.Pandiselvi P. Muthumari
11.	Awareness Seminar on "Post COVID Job Opportunities for ECE Engineer "	27.04.2022	IE Student Chapter	III Year ECE Student	: Er,Hariharan, Sales and Operation for CAT &GATE, Balsu success Academy , Madurai	Dr. T. Pamdiselvi
12.	Webinar on VLSI and Its Scope	27.05.2022	ISTE	60	Dr P. Karuppanan, Assistant Professor (Grade-I), Department of ECE, Motilal Nehru National Institute of Technology, Allahabad	Mrs. P. Ramalakshmi

ECE EVENTS

S. No.	Name of the Programme	Date	Sponsoring Authority, if any	No. of Participants	Resource Persons/ Chief Guest	Coordinators
13.	Hands on training in Mobile services	24.05.2022	IE	60	Mr.Vigneshwaran .P, Srinika Mobiles ,Dindugul	Dr.T.Pandiselvi Mr. R. Ashok Mr. R. Rajprabu
14.	Industrial Visit and Pre Placement Talk In Tessolve, Bangalore	28.05.2022	-	47	Rajiv VK , Sr. Director, Test Engineering	Mr. R. Ashok , Mrs. .S .Nisharani and Mrs.P.Muthumar
15.	Technical Talk	02.05.2022	IETE	III ECE	Mr. M. Ramesh & Mr. S. Alwyn Rajiv Acted as Judge	Dr. V. Jeyalakshmi
16.	Technical Quiz	06.05.2022	IETE	II ECE	-	Dr. V. Jeyalakshmi
17.	Industrial Person Guest Lecture on "Technical Expectations of Core Industries"	10.05.2022	-	60	Mr. M. Chinnathambi, Technical Lead, VIASAT Pvt. Ltd. Chennai.	Mr. M. Ramesh & Mr. S. Alwyn Rajiv
18.	Neeya Nana on has Social Media Benefited or Harmed	7th June 2022	ISTE Students Chapter	13	Dr. N. M. Mary Sindhuja & Dr. V. Jeyalakshmi acted as a Judge	Mrs. P. Ramalakshmi

STUDENT CONTEST

S. No.	Name of the Student & Year	Name of the Programme	Date	Organizing Institution	Participated / Presented	If Presented, Title of the Paper	Prizes Won
1	K.Mareeswari@Rojamalar,R.Pavithra,K.Arunadevi (Mrs. C. Nagavani as Guide)	Technovision 2k22 - An Intra College Project Competition	13.04.2022	Kamaraj College of Engineering and Technolog	Presented	GPS and GSM Technology For Automatic Railway Track Crack Detection	Second Prize
2	M.A.Haritha A.M. Sraryu Vivarttini M. Bava Dharani	National Level Technical Project Exhibition (SRISHTI-2022)	25.04.2022 & 26.04.2022	Saingits College of Engineering	Participated	Sanitar Napkin Vending Machine	-
3	M.A.Haritha A.M. Sraryu Vivarttini J. Sahaya Joan Nichola	Technovision 2k22 - An Intra College Project Competition	13.04.2022	Kamaraj College of Engineering and Technolog	Presented	Avoid Statue Theft in Temple using RFID	2nd Prize
4	Pradeepa.S Nandhini.M	Technovision 2k22 - An Intra College Project Competition	13.04.2022	Kamaraj College of Engineering and Technolog	Presented	Performance enhancement in solar photovoltic array under partial shading conditions with electrical switching reconfiguration techniques	1st Prize
5	M. Sudaroli S. M. Anna Lakshmi T. Jegatheeswari	Technovision 2k22 - An Intra College Project Competition	13.04.2022	Kamaraj College of Engineering and Technolog	Presented	Automatic Security kit for detecting and repelling wild boar in farmland	1st Prize
6	S. Aashifa Reeshakana (II ECE)	State level competition, Riddles (Tamil)	17.05.2022	V.V.V. College Virudhunagar	Participated	-	2nd
7	S. Aashifa Reeshakana (II ECE	State level competition, YT Shorts Making	17.05.2022	V.V.V. College Virudhunagar	Participated	-	3rd

STUDENT CONTEST

S. No.	Name of the Student & Year	Name of the Programme	Date	Organizing Institution	Participated / Presented	If Presented, Title of the Paper	Prizes Won
8	Aungilas Sowban Prajah.P (III ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Waste Segregation System	1st
9	Saravanan.B (III ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Waste Segregation System	1st
10	Neranjan Prakash.M (III ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Waste Segregation System	1st
11	Meenakshi.N (II ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Waste Segregation System	1st
12	Deepika.T (II ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Waste Segregation System	1st
13	Joshekaa.C (III ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Adaptable Speed Breaker System (ASBS) for Ambulance	1st
14	Karthick Raja.M (III ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Adaptable Speed Breaker System (ASBS) for Ambulance	1st
15	Ashok.G (III ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Adaptable Speed Breaker System (ASBS) for Ambulance	1st
16	Sangeetha.S (III ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Adaptable Speed Breaker System (ASBS) for Ambulance	1st
17	Venkatesh.C (II ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Automatic Humidity Monitoring and Irrigation system using IoT	2nd

STUDENT CONTEST

S. No.	Name of the Student & Year	Name of the Programme	Date	Organizing Institution	Participated / Presented	If Presented, Title of the Paper	Prizes Won
8	Prathap Chandran.K (II ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Automatic Humidity Monitoring and Irrigation system using IoT	2nd
9	Akashkumar.N (II ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Automatic Humidity Monitoring and Irrigation system using IoT	2nd
10	Prasanna.R (II ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Automatic Humidity Monitoring and Irrigation system using IoT	2nd
11	Abishek Edward.S (II ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Automatic Humidity Monitoring and Irrigation system using IoT	2nd
12	Prakash.S (III ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Automatic Waste Segregation Machine	2nd
13	Vegneshrraj.G (III ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Automatic Waste Segregation Machine	2nd
14	Ajith Kumar.P (III ECE)	KCET Build-A-THON 2022	27.05.2022	Department of CSE KCET	Participated	Automatic Waste Segregation Machine	2nd
15	N.Akashkumar (II ECE)	Tech Quiz at Techutsav 2K22	28.05.2022	Thiagarajar College of Engineering	Participated	-	1st
16	C.Venkatesh (II ECE)	Tech Quiz at Techutsav 2K22	28.05.2022	Thiagarajar College of Engineering	Participated	-	1st
17	C.Venkatesh (II ECE)	Lets spice simulation contest at Techutsav 2K22	28.05.2022	Thiagarajar College of Engineering	Participated	-	2nd

STUDENT CONTEST

S. No.	Name of the Student & Year	Name of the Programme	Date	Organizing Institution	Participated / Presented	If Presented, Title of the Paper	Prizes Won
8	S.Abishek Edward (II ECE)	Lets spice simulation contest at Techutsav 2K22	28.05.2022	Thiagarajar College of Engineering	Participated	-	2nd
9	N.Akashkumar (II ECE)	Lets spice simulation contest at Techutsav 2K22	28.05.2022	Thiagarajar College of Engineering	Participated	-	2nd
10	C.Venkatesh (II ECE)	Lets spice simulation contest at Techutsav 2K22	28.05.2022	Thiagarajar College of Engineering	Participated	-	2nd

EXTRA CURRICULAR

1. Sairam M– 20UEC001, Arul Kumar – 20UEC016, Srinivash – 20UEC011 2nd year student attended ATC NCC camp in VSVN Polytechnic College from 23rd to 26th February 2022.

INDUSTRIAL VISIT

1. Industrial visit to Bangalore has organized for III ECE A and B section and three faculties Mr. P. Aravind, Mr. R. Ashok and Mrs.P.Ramalakshmi accompanied on 24.03.2022 and 25.03.2022. The The following company visited by student.

   - JVS, Bangalore
   - Visveswara Museum, Bangalore

2. Industrial visit to Bangalore and Mysuru has organized for IV ECE A and B section and two faculties Dr.T.Prathiba and Mr.Rajprabhu accompanied on 30.3.22 to 1.4.22. The following company visited by student.

   - TECHNOLOGICS Global Pvt Ltd, Bangalore
   - JVS, Bangalore
   - Kaynes Technolgiea, Mysuru
   - Visveswara Museum, Bangalore
   - HAL, Bangalore

3. II ECE Students are in Bangalore for visiting JHS Informatics Industries(7.4.2022 & 8.4.2022)

STUDENT NPTEL

Roll No	Full Name	Course Name	Certified as
20UEC003	IRSHAD HASAN M	Digital System Design	Successfully completed
20UEC004	KARTHICK M	Digital System Design	Successfully completed
20UEC006	MOHAMED MUSTAFA A	Digital System Design	Successfully completed
20UEC008	MOHAN RAJ T	Digital System Design	Successfully completed
20UEC009	AVUSHATHA TN	Digital System Design	Successfully completed
20UEC013	NANDHA KUMAR B	Digital System Design	Successfully completed
20UEC014	SUGETHA C L	Digital System Design	Successfully completed
20UEC015	SUKIL KUMAR R	Digital System Design	Successfully completed
20UEC016	ARUL KUMAR P	Digital System Design	Successfully completed
20UEC025	JENSI M	Digital System Design	Elite
20UEC027	SHYAM V S	Digital System Design	Successfully completed
20UEC031	SRIRAM B	Digital System Design	Successfully completed
20UEC036	RUTHRA PRIYA M	Digital System Design	Successfully completed
20UEC037	DEEPIKA	Digital System Design	Successfully completed
20UEC040	MEENAKSHI M	Digital System Design	Successfully completed
20UEC042	JOTHI SREE M	Digital System Design	Successfully completed
20UEC043	JEYAROOBINI K	Digital System Design	Successfully completed
20UEC044	HEMAMALINI P	Digital System Design	Successfully completed
20UEC052	AKASHKUMAR N	Digital System Design	Successfully completed
20UEC055	LAVANYA C	Digital System Design	Successfully completed
20UEC056	PRATHAP CHANDRAN K	Digital System Design	Successfully completed
20UEC059	PREETHIKA DHARSHINI T S	Digital System Design	Successfully completed
20UEC060	MARIA ANCY SHINESHA W	Digital System Design	Successfully completed
20UEC062	NITHIKESH H	Digital System Design	Successfully completed
20PCN01	ANU K	Communication Networks	Successfully completed
21PCN01	APARNA M	Communication Networks	Elite + Silver Topper 5%

STUDENT WORKSHOP ATTENDED

S. No.	Name of the Student & Year	Name of the Programme	Date	Organizing Institution	Participated / Presented
1	S.Madhavamoorthy, IV ECE	Python	12/01/2022	Udemy	Participated
2	Vasantha Priya V	My SQL Basics	January 2022	Great Learning Academy	Participated
3	Vasantha Priya V	Python Fundamentals for Beginners	January 2022	Great Learning Academy	Participated
4	Mr.S.M.Sre Hariprasath (IV YEAR)	Science and Technology Capacity building for Industrial needs	17.03.2022 to 19.03.2022	KLN College of Engineering, Madurai Sponsored by TNSCST	Participated
5	Mr. A.Vinoth Kumar (IV YEAR)	Science and Technology Capacity building for Industrial needs	17.03.2022 to 19.03.2022	KLN College of Engineering, Madurai Sponsored by TNSCST	Participated

FACULTY ACHIEVEMENTS

S. No.	Name of the faculty member	Details of the Award	Awarded by	Month & Year
1	Dr. R. Suresh Babu	Adarsh Vidya Saraswathi Rashtriya Puraskar	Glacier Journal Research Foundation ,Global Management Council,A hamedabad	March 2022
2	MR. R. Ashok	Adarsh Vidya Saraswathi Rashtriya Puraskar	Glacier Journal Research Foundation ,Global Management Council,A hamedabad	March 2022
3	Dr. N. M. Mary Sindhuja	GRABS Best Young Faculty Award- 2022	GRABS EDUCATIONAL CHARITABLE TRUST	April 2022
4	Dr. T. Pandiselvi	GRABS Best Young Scientist Faculty Award- 2022	GRABS EDUCATIONAL CHARITABLE TRUST	April 2022
5	Dr. T. Prathiba	GRABS Best Young Faculty Award- 2022	GRABS EDUCATIONAL CHARITABLE TRUST	April 2022
6	Mr. R. Rajprabhu	Elite+Silver	NPTEL	MAY 2022
7	Mrs. M. Stella Mercy	Elite+Silver	NPTEL	MAY 2022
8	Mrs. M. Stella Mercy	Mentor certificate from NPTEL SWAYAM for the course "Digital System Design	NPTEL SWAYAM	Jan – April 2022

STUDENT ACHIEVEMENTS

S. No.	Name of the student With details	Details of the Award	Awarded by	Month & Year
1	M. Sudaroli	ISTE Best Student Award	ISTE	March 2022
2.	Anna Lakshmi	ISTE Best Student Award	ISTE	March 2022
3.	Aparna M (I ME)	Topper 5% & Elite+Silver in Communication Networks	NPTEL	MAY 2022
4.	JENSI M (II ECE)	Elite in Digital System Design	NPTEL	MAY 2022

STUDENT INTERNSHIP

S. No.	Name of the Student & Year	Organizing Institution / Company	Duration	Stipend
1	Ms. M. NIVETHA	Junior Project Fellowship Under AICRP-7 of ICFRE (Indian Council of Forest Research Education)	6 Month	18,000/-

IMAGE CAPTURE

Hands-on Training on mobile
phone servicing

Bird feeder at KCET installed on
02.03.2022

Student Development programme
on Competent Qualities

PLACEMENT CORNER

S. NO	NAME OF THE STUDENT	NAME OF THE EMPLOYER	SALARAY/ANNUM (Rs.)
1	BALAMURUGAN.S	TECHGENZI	2.4 LPA
2	RISHI.R	ACCENTURE	4.5 LPA
3	NAGALAKSHMI.S	TECH MAHINDRA	3.25 LPA
4	VIGNESWARI.N	TECHGENZI	2.4 LPA
5	YOGAN.S	HCL	4.5 LPA
6	PRIYA.M.G	TECHGENZI	2.4 LPA
7	HARITA.M.A	WIPRO	3.5 LPA
8	PRIYA DHARSHINI.D	WIPRO	3.5 LPA
9	BALAKRISHNAN.N	EXTRA MARKS	4.2 LPA
10	DAVID SAMUVEL.K	WIPRO	3.5 LPA
11	ARUN KUMARAN.K	INFOSYS	3.6 LPA
12	ARUN KUMAR.M	WIPRO	3.5 LPA
13	SAHAYA JOAN NICHOLA.J	TATA ELXSI	3.5 LPA
14	SUDHARSAN.B	INFOSYS	3. 6 LPA
15	PERIYASAMY HARISH.T	MINDTREE	3.6 LPA
16	SURYA.S	WIPRO	3.5 LPA
17	INDHUMATHI.M	CAPGEMINI	4 LPA
18	SUJITH.A	ACCENTURE	4.5 LPA
19	YAMINI @ MEENALOCHINI.K	CTS	4 LPA
20	SORNA SELVAM.G	WIPRO	3.5 LPA

HEARTY CONGRATULATIONS!!!

PLACEMENT CORNER

S. NO	NAME OF THE STUDENT	NAME OF THE EMPLOYER	SALARAY/ANNUM (Rs.)
21	PRIYADHARSHINI.M	WIPRO	3.5 LPA
22	SAKTHI KRISHNAA.V	ZOHO	4.8 LPA
23	JAQULINE MARIA.A	CTS	4 LPA
24	SASIDHARAN.R	EXTRA MARKS	4.2 LPA
25	SRUTHIKA.V	WIPRO	3.5 LPA
26	VIJAYARAMAN.S.N	WIPRO	3.5 LPA
27	VENKATA SRINIVASAN.V	CTS	4 LPA
28	MAREESWARI @ ROJAMALAR.K	MINDTREE	3.6 LPA
29	MADHAVAMOORTHY.S	FINSURGE	1.2 LPA
30	RAM SUDHARSAN.S	WIPRO	3.5 LPA
31	SARDAK AGARSON.A.K	FINSURGE	1.2 LPA
32	VINOTH KUMAR.A	INFOSYS	3.6 LPA
33	DIVYAJOTHI.T	TATA ELXSI	3.5 LPA
34	VENKATESH.S.R	CTS	4 LPA
35	PRIYA DHARSINI.E	TATA ELXSI	3.5 LPA
36	GUNASEELAN.K	WIPRO	3.5 LPA
37	HARSHINI.N	TATA ELXSI	3.5 LPA
38	NANDHINI.M	TATA ELXSI	3.5 LPA
39	ANNA LAKSHMI.S.M	ACCENTURE	4.5 LPA
40	MARISELVAM.M	DATA PATTERN	3 LPA

HEARTY CONGRATULATIONS!!!

PLACEMENT CORNER

S. NO	NAME OF THE STUDENT	NAME OF THE EMPLOYER	SALARAY/ANNUM (Rs.)
41	SUNIL SURYA PRAKASH.S	TATA ELXSI	3.5 LPA
42	PRAVEENA.PL	TATA ELXSI	3.5 LPA
43	MUTHUMANI .K	DATA PATTERN	1.44 LPA
44	VELANVINOTH.M	CTS	4 LPA
45	BHARATHKUMAR N K	WIPRO	3.5 LPA
46	KEERTHANA M	REGAMI SOLUTIONS	1.2 LPA
47	MONICA SHREE.K	CTS	4 LPA
48	SREE NIVETHA.M	CTS	4 LPA
49	YANTHRA.K	TATA ELXSI	3.5 LPA
50	ARUNKUMAR.K.R	WIPRO	3.5 LPA
51	RAJALAKSHMI.U	TATA ELXSI	3.5 LPA
52	MADHU SIVANI.N	CTS	4 LPA
53	HARIHARAN.R	QUEST GLOBAL ENGINEERING SERVICES	3 LPA
54	DIVYA.P	ATOS Syntel	3.4 LPA
55	PRIYADHARSHINI.K	SYRMA	3.5 LPA
56	BAVADARANI.M	TECHGENZI	2.4 LPA
57	BALAMURUGAN.S	NEEYAMO	3 LPA
58	DAFINE.S	TATA ELXSI	3.5 LPA
59	SARAYU VIVARTTINI.A.M	TECHGENZI	2.4 LPA

HEARTY CONGRATULATIONS!!!

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INSPIRATIONAL QUOTES

"If you want to shine like a sun.
First, burn like a sun."
– Dr. APJ Abdul Kalam
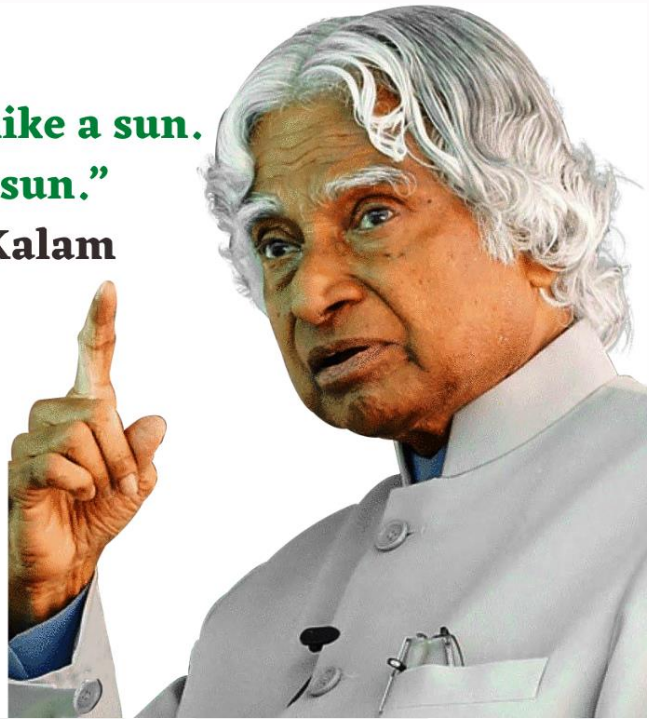
If we want to reach real peace in this world, we should start educating children.