

## **Faculty Achievement**

### **Academic Year : 2024-2025**

#### **Publication**

- Dr.K.Elango, Professor & Head published an article in an SCI journal titled, ‘An Enhanced Approach for Optimal Design of Hybrid CCHP System Consisting Gas Turbine/Photovoltaic/Therma Collectors’, IETE Journal of Research . <https://doi.org/10.1080/03772063.2024.2390102>.
- Dr. K. Elango, Professor & Head, Ms. S. Vanila, AP(SelG) and PG students A. Purushothaman and S. Iyyappan published a paper titled, ‘Advanced Mathematical modelling of Blade soiling Impact on Wind turbine power output: A Dynamic and Aerodynamic Approach’, in the Proceedings of the National Conference on Recent Research Directions and Advancements in Mathematics ISBN No: 978-81-933978-6-2.
- Dr.K.Elango, Professor & Head published a paper titled, ‘An Early Detection of Insects using AI Techniques of Particle Swarm Optimization with Fuzzy Logic’, International Conference on One Health Perspective in Global Plant Protection Research 2025.
- Dr.R.Arivalahan, Professor published an article in an SCI journal titled, ‘Health Monitoring in IoT with Context-Aware Deep Convolutional Spiking Neural Network and Woodpecker Mating Algorithm’, IETE Journal of Research,DOI:10.1080/03772063.2023.2297382.
- Dr.S.Padhmanabhaiyappan, Associate Professor published an SCI Journal titled, ‘Enhancing flexibility of combined energy system by renewable energy sources using hybrid LOA-MVGAN approach’, Renewable Energy. DoI: <https://doi.org/10.1016/j.renene.2025.123194>.
- Ms.S.Vanila, AP (Sel.G) presented a paper titled, ‘Solar Powered Mobile Charger’, 4th National Conference on Recent Advances in Communicative Electronics organized by SRM TRP Engineering College on 10th & 11th April 2025.
- Ms.S.Vanila, AP (Sel.G) presented a paper titled, ‘Exploiting Arnold Transformation in H.264 Intra Prediction for Enhanced Image

Compression’, 15th International Conference on Science & Innovative Engineering organized by Dr.K.Vasudevan College of Engineering & Technology on 26th & 27th April 2025.

- Mr.V.Sudhagar, AP(Sr.G) published an SCI Journal titled, ‘An Efficient Archerfish Hunting Optimizer (AHO)- Based Power Quality Improvement in Distribution System Connected UPQC’, IETE Journal of Research. DoI: <https://doi.org/10.1080/03772063.2024.2404255>.
- Ms. P. Bency, AP(Sr.G) published an article in SCI Journal, in the Journal of Thermal Analysis and Calorimetry titled ‘Effective thermal management through feasibility study of energy recuperation on synthesized SiC propylene glycol nanofluids for achieving environmental sustainability’.
- Mr.S.Venkatesh, AP (O.G) published a Journal titled, ‘Optimized Power Management of Grid-Connected Inverters with Renewable Energy Systems using DBO-RERNN Techniques’, IETE Journal of Research. DoI: <https://doi.org/10.1080/03772063.2025.2485408>.
- Ms.R.Elavarasi, AP(OG), published a Scopus paper titled, ‘A Concise Review of Hydrogen Production from Renewable Energy Sources with Focus on Solar, Wind, Tidal, Geothermal and Biomass’, Power System Technology, Vol.49, No 1,2025.
- Ms.S.Vanila, AP(Sel.G) presented a paper titled ‘Optimizing H.264 Intra Prediction Leveraging cross Entropy & Error Entropy Based RDO Techniques’ in the International Conference on ‘Recent trends in Computational Engineering and Technologies’ organised between 25<sup>th</sup> and 26<sup>th</sup> July 2024 in Raja Rajeswari College of Engineering.
- Final year students Pragaadesh C, Praveen Kumar. M, Palla Yeswanth and Elango K, Professor & Head published a paper titled, ‘Revolutionizing Farming: Precision Agriculture Powered by Drone Technology’, International Conference on One Health Perspective in Global Plant Protection Research 2025.
- Final year students Mounika. M, Sachin Sharma. S, Selvaprakash. S and Elango. K, Professor & Head published a paper titled, ‘Smart Crop

Damage Assessment and Alert System using Machine Learning’, International Conference on One Health Perspective in Global Plant Protection Research 2025.

- Final year students Eashwaramoorthy.K, Jessica.J, Keran Aditya S.J, Rohan Srinivas.E and Dr.S.Malathi, Professor presented a paper titled, ‘Efficient Power Control for Street light using PV Technology’, 9th International Conference on Engineering Technology and Science organized by Muthayammal College of Engineering on 28th March 2025.
- Final year students U.Aswinkumar, J.Dinesh Sriram, S.Sanjay, B.Sharanraj and Ms.R.V.Preetha, AP(Sr.G) presented a paper titled, ‘Firefighting Control system with BlazeBot’, 6th International Conference on Computational Intelligence & Communication Networks-2025 organized by Easwari Engineering College on 11<sup>th</sup> & 12<sup>th</sup> April 2025.
- Final year students Naveen S.S, Kathiravan. C, Harish Ragavendghar. T, Aakash. S and Ms. S. Vanila, AP(SelG) published an article in a Scopus indexed journal titled, ‘Refining Energy Forecasting Models: An Analysis of 5MW Solar Plant Metrics’, Journal of Civil and Environmental Engineering, Vol 12, Issue 12, December 2024

### **Participation**

- Dr. K. Elango, Professor & Head, has attended a one-day NBA Awareness Workshop on Outcome Based Education and Accreditation on 9<sup>th</sup> February 2025. The programme was sponsored by the National Board of Accreditation [NBA] and was organized in collaboration with Anna University, Chennai.
- Dr. K. Elango, Professor & Head has been recognized as NPTEL motivated learner Jan-Apr 2025.
- Dr.K.Elango, Professor & Head completed two NPTEL courses NBA Accreditation and Teaching and Learning in Engineering and United Nations Sustainable Development Goals (UN SDGs).

- Dr.K.Elango, Professor & Head, completed NPTEL courses on ‘Moral Thinking: An Introduction to Values and Ethics’ and ‘Business and Sustainable Development’, August-September 2024.
- Dr.R.Arivalahan, Professor completed NPTEL course on ‘Business and Sustainable Development’, August-September 2024.
- Dr.R.Karthik, Professor, Mr.S.Balaji, AP(Sr.G), Mr.K.Ragul Kumar, AP(O.G) and Mr.S.Venkatesh, AP(O.G) completed NPTEL course on ‘Managing Intellectual Property in Universities’, during the period July-August 2024.
- Dr.G.Madhusudanan, Professor completed NPTEL course on ‘Economics of IPR’, during the period July-August 2024.
- Dr.S.Malathi, Professor and Ms.S.Vanila, AP(SelG) completed NPTEL course on ‘Power System Protection and Switchgear’, during the period July-September 2024.
- Dr.S.Malathi, Professor has been recognized as NPTEL Believer, July-December 2024.
- Dr.S.Malathi, Professor and Ms.S.Vanila, AP(SelG) completed NPTEL course on ‘Advances to UHV Transmission and Distribution’, during the period July-September 2024.
- Dr.S.Malathi, Professor and Ms.S.Vanila, AP(Sel.G) have successfully completed online Internship in Research Training from 8<sup>th</sup> October to 8<sup>th</sup> November 2024, conducted by MSME-Technology Development Centre (PPDC),Agra.
- Dr.S.Malathi, Professor completed NPTEL course on Python for Datascience, Jan-Feb 2024.
- Dr.S.Malathi, Professor completed two NPTEL courses, Introduction to Machine Learning and Deep Learning – IIT Ropar.
- Dr.S.Malathi, Professor has been recognized as NPTEL motivated learner Jan-Apr 2025.

- Dr S.Malathi, Professor delivered keynote address in the International Conference on Recent Challenges on EEE at J.P College of Engineering, Tenkasi on 14<sup>th</sup> May 2025.
- Ms.S.Vanila, AP (Sel.G) had participated in the Two-day National level Online Workshop on Unlocking the Power of Data: Introduction to Statistics & Excel, organized by Gojan College of Teacher Education, Chennai.
- Ms.S.Vanila, AP (Sel.G) had attended a National Level Five Day Faculty Development Program on Next-Gen Cybersecurity with AI: Techniques and Trends held from 26<sup>th</sup> to 30<sup>th</sup> May 2025 organized by Aarupadai Veedu Institute of Technology.
- Ms.S.Vanila, AP (Sel.G) has been recognized as NPTEL ENTHUSIASAT Jan- Apr 2025.
- Ms.S.Vanila, AP (Sel.G) participated in a five day Faculty Development Programme on ‘High Impact Publication and Funding Opportunities’, organized by CEDAAR, Chennai from 25<sup>th</sup> to 29<sup>th</sup> November 2024.
- Ms. S. Vanila, AP(SelG) published an article in a Scopus indexed journal titled, ‘Stock Price Visualizer and Forecaster’, Journal of Civil and Environmental Engineering, Vol 12, Issue 12, December 2024.
- Ms.S.Vanila, AP(SelG) completed NPTEL courses on ‘Digital Circuits’, ‘Sustainable Power Generation Systems’ and ‘Smart Grid: Basics to Advanced Technologies’, July-October 2024.
- Ms.S.Vanila, AP (Sel.G) participated in ATAL Faculty Development Programme on ‘AI in Hydrogen and Electric Powered Vehicles’, at B S Abdur Rahman Crescent Institute of Science and Technology from 9<sup>th</sup> to 14<sup>th</sup> December 2024.
- Ms. S. Vanila, AP(SelG) has been recognized as NPTEL Super Star, July-December 2024.
- Ms. S. Vanila, AP(SelG) has been recognized as NPTEL Motivated Leader, July-December 2024.

- Ms. S. Vanila, AP(SelG) has been recognized as Reviewer in the 1<sup>st</sup> IEEE International Conference on Emerging Technologies and Innovation for Sustainability, organized by Noida Institute of Engineering and Technology, Greater Noida supported by Anusandhan National Research Foundation, Government of India held on 20<sup>th</sup>-21<sup>st</sup> December 2024.
- Mr.V.Sudhagar, AP(Sr.G), Ms.P.Bency, AP(Sr.G), Ms.R.V.Preetha, AP(Sr.G), Mr.K.Ragul Kumar, AP(O.G), Mr.S.Venkatesh, AP(O.G) and Ms.R.Elavarasi, AP(O.G) completed an NPTEL course on ‘Business and Sustainable Development’, August-September 2024.
- Mr.S.Balaji, AP(Sr.G) participated in a two days national level workshop on ‘Artificial Intelligence based Design and Testing of Electric Vehicle’ held on 2<sup>nd</sup> and 3<sup>rd</sup> August 2024.
- Mr.S.Balaji, AP(Sr.G) completed a NPTEL course EV-Vehicle Dynamics and Electric Motor Drives.
- Ms.P.Bency, AP(Sr.G), Ms.R.V.Preetha, AP(Sr.G), Mr.S.Venkatesh, AP(O.G) and Ms.R.Elavarasi, AP(O.G) completed NPTEL course on Sustainable Engineering Concepts and Life Cycle Analysis, Jan-March 2025.

### **Academic Year : 2023-2024**

#### **Publication**

- Dr.K.Elango, Professor and Head, published an article in the SCI Journal, ‘A Multi-Objective Approach with Modified Particle Swarm Optimization and Hybrid Energy Systems’, Technical Gazette ,ISSN: 1330-3651.
- Dr.S.Malathi, Professor published an article in the SCI Journal, ‘Horse herd Optimization with gate recurrent unit for an Automatic classification of different facial skin disease’, Journal of Imaging informatics in medicine.
- Dr.S.Padhmaiah, AP(Sel.G) and Dr.G.Madhusudanan (Associate Professor) published a paper titled ‘Momentum Search Algorithm for Analysis of Fuel Cell Vehicle to Grid System with Large

scale buildings’, Protection and Control of Modern Power Systems, Vol.9, No 2, March 2024.

- Ms.S.Vanila, AP(Sel.G) published a book chapter ‘Exploratory Data Analysis and Energy Predictions with Advanced AI and ML Techniques’ in the book titled ‘AI approaches to Smart and Sustainable Power Systems’.
- Ms.S.Vanila, AP(Sel.G) and Dr.K.Elango, Professor & Head published a book chapter ‘Enhancing Password Security with Machine Learning-Based Strength Assessment Techniques’ in the book titled ‘Machine Learning and Cryptographic Solutions for Data Protection and Network Security’.
- Ms.S.Vanila, AP(Sel.G) published a book chapter ‘Machine Learning Applications in Behavioural Authentication Data using Gait Analysis’ in the book titled ‘Machine Learning and Cryptographic Solutions for Data Protection and Network Security’.
- Karthikeyan Gopalakrishnan, Jaishankar Athisivan and Dr.S.Malathi, Professor published a paper titled 'Design of Secluded Energy Meter for Tampering and Unauthorized Access Detection in Smart Grid', Suranaree Journal of Science and Technology, Vol 1, 2024.

### **Participation**

- Dr.K.Elango, Professor & Head completed an NPTEL course on ‘Smart Grid: Basics to Advanced Technologies’ and ‘Transducers on Instrumentation’.
- Dr.R.Karthik, Professor and Head R & D completed an NPTEL course on ‘Patent Drafting for Beginners’.
- Dr.R.Karthik, Professor & Head-R&D and Ms.S.Vanila, AP(Sel.G) completed the NPTEL course on ‘Patent Drafting for Beginners’.
- Dr.G.Madhusudanan, Associate Professor completed the NPTEL course on ‘Managing Intellectual Property in Universities’.

- Dr.G.Madhusudanan completed the SWAYAM Online Course Certification Course on ‘Introduction to Intellectual Property’ and ‘Managing Intellectual Property in Universities’.
- Dr.S.Malathi, Associate Professor successfully completed NPTEL course on ‘Technologies for Clean and Renewable Energy Production’.
- Ms.S.Vanila, AP(Sel.G) completed the NPTEL course on ‘Introduction to Machine Learning (Tamil)’.
- Ms.S.Vanila, AP(Sel.G) published a journal titled ‘Predicting Quality Characteristics of ready-to-Eat Fisheries Products using Neural Network Models’, Goya Journal, Vol.16,Issue. 9,2023.
- Ms.S.Vanila, AP(Sel.G) published a journal titled ‘Assessing Grid-Connected 30kWp Photovoltaic System Performance through PVsyst Simulation’, Goya Journal, Vol.16,Issue. 10,2023.
- Ms.S.Vanila, AP(Sel.G) completed an NPTEL course on ‘Patent Drafting for Beginners’ and ‘Introduction to Machine Learning’.
- Ms.R.V.Preetha, AP(Sr.G) completed an NPTEL course on ‘Transducers on Instrumentation’.

### **Academic Year : 2022-2023**

#### **Publication**

- Dr.R.Arivalahan, Professor, Mr.S.Balaji, AP(Sr.G and Ms.R.V.Preetha, AP(Sr.G) published a patent titled ‘Blockchain Technology for Undisclosed Distant Messaging using Wireless Sensor networks and Internet of Things’ on 17<sup>th</sup> February 2023.
- Dr. R. Arivalahan, Assoc.Prof and Mr.P.Tamilarasan, AP(O.G) published a paper titled ‘Liquid level control in two tanks spherical interacting system with fractional order proportional integral derivative controller using hybrid technique: A hybrid technique’, Advances in Engineering Software, SCI journal.
- Dr. R. Arivalahan, Professor and Mr.S.Balaji, AP(Sr.G) published a paper titled ‘An Optimization framework for capacity allocation and energy

management of fast electric vehicle charging stations-wind photovoltaic energy using artificial transgener longicorn algorithm', International journal of Energy Research, SCI journal.

- Ms.P.Bency, AP(Sr.G) published a paper titled 'An Experimental Assessment into the Pressure and Thermal Efficacy of Chemically Synthesized Nanofluids in Computer Cooling Applications, Journal of Nanomaterials, SCI journal.
- Ms.P.Bency, AP(Sr.G) published a paper titled 'The Experimental Investigation of Heat Transfer Properties and Pressure Drop of a Corrugated Plate Heat Exchanger Using a Chemically Synthesized Zinc Oxide/Alkaline Water Nano Fluid, Journal of Nanofluids, Web of Science.
- Ramajeyam S and Elango.K, Prof & Head published a paper titled 'Power Quality Improvement of a PV Farm Incorporating D-Statcom', Computer Integrated Manufacturing Systems, Vol. 28 No. 11, December 2022, SCOPUS journal.
- M.Priyanka and Dr.R.Karthik, Professor published a paper titled 'Modelling of Distributed Dielectric Propulsion System Using Fault Tolerance Model Predictive Control', Computer Integrated Manufacturing Systems, Vol. 28 No. 11, December 2022, SCOPUS journal.
- G.Sangeetha and Dr.R.Arivalahan, Professor published a paper titled 'Modelling the Dynamic Performance of Blackbox models for Stability Assessment', Computer Integrated Manufacturing Systems, Vol. 28 No. 11, December 2022, SCOPUS journal.
- V.Vasanthi and Dr.G.Madhusudanan, Assoc.Prof published a paper titled 'Statcom based Stabilization of Microgrid with Photovoltaic and Wind Power Plant', Computer Integrated Manufacturing Systems, Vol. 28 No. 11, December 2022, SCOPUS journal.
- M.Chitrakala and Dr.S.Malathi, Assoc.Prof published a paper titled 'Fault Analysis of Offshore Wind Farm Using VSC', Computer Integrated Manufacturing Systems, Vol. 28 No. 11, December 2022, SCOPUS journal.

- Ramajeyam S and Elango.K, Professor & Head published a paper titled 'Optimal allocation using SPSO Technique and size reduction of distributed generated system for active power loss reduction', Journal of Data Acquisition and Processing, Vol. 38(1),2023, SCOPUS journal.
- M.Priyanka and Ms.S.Vanila, Professor published a paper titled 'Reactive Power Compensation in IEEE 9 bus system using TCSC', Journal of Data Acquisition and Processing, Vol. 38(1),2023, SCOPUS journal.
- G.Sangeetha and Dr.R.Arivalahan, Professor published a paper titled 'Automatic Generation control system for frequency stability on two area network', Journal of Data Acquisition and Processing, Vol. 38(1),2023, SCOPUS journal.
- V.Vasanthi and Dr.G.Madhusudanan, Assoc.Prof published a paper titled 'Investigation of Fault analysis in a distributed generation system', Scandinavian Journal of Information Systems, Vol. 35(1), 2023, SCOPUS journal.
- M.Chitrakala and Dr.S.Malathi, Assoc.Prof published a paper titled 'STATCOM based voltage stability enhancement of a Wind farm', Scandinavian Journal of Information Systems, Vol. 35(1), 2023, SCOPUS journal.
- Ms.S.Vanila, AP(Sel.G) presented the paper title 'Similarity Measure based 16X16 MB mode decision in H.264 Intra prediction', International Conference on Signal Processing and Networking March Wireless 29-31,2023, Department of Electronics and Communication Engineering, SSN College of Engineering.

### **Participation**

- Dr. K. Elango, Prof & Head successfully completed an eight-week NPTEL Course on 'Smart Grid'(Jul-Sep 2022).
- Dr.K.Elango,Prof & Head, Dr.R.Karthik, Assoc.Prof, Dr. R. Arivalahan, Assoc.Prof , Dr. G.Madhusudhanan,AP(Sel.G), Dr.S.Malathi, AP(Sel.G) Mr.S.Padhmanabhaiyappan, AP(Sr.G), Mr.V.Sudhagar,Ap(Sr.G), Mr.K.Raghulkumar, AP(O.G), Mr.P.Tamilarasan, AP(O.G) and

Mr.S.Venkatesh, AP(O.G) successfully completed 8 Weeks NPTEL Course with Elite Silver category on 'Educational Leadership' (Jul-Sep 2022).

- Dr.K.Elango, Prof & Head, Dr.S.Malathi, Assoc.Prof, Mr.S.Balaji, AP(Sr.G), Ms.R.V.Preetha, AP(Sr.G) and Mr.P.Tamilarasan, AP(O.G) successfully completed a Professional Development Programme on 'Solar and Wind Energy Applications' conducted by NITTR from 17<sup>th</sup> to 21<sup>st</sup> October 2022.
- Dr.K.Elango, Prof & Head and Dr. G.Madhusudhanan, Assoc.Prof successfully completed a Professional Development Programme on 'NBA Accrediation' conducted by NITTR from 31<sup>st</sup> October to 4<sup>th</sup> November 2022.
- Dr.K.Elango, Professor & Head, Ms.P.Bency, AP(Sr.G) Ms.R.V.Preetha, AP(Sr.G), Ms.R.Elavarasi, AP(O.G) and Ms.A.Dhivya AP(O.G) successfully completed NPTEL course on 'Renewable Energy Engineering'.
- Dr. R. Arivalahan, Professor and Ms.P.Bency, AP(Sr.G) successfully completed a Professional Development Programme on 'Wireless Communications' conducted by NITTR from 17<sup>th</sup> to 21<sup>st</sup> October 2022.
- Dr.R.Arivalahan, Professor, Dr.S.Malathi, Assoc.Prof, Mr.S.Balaji, AP(Sr.G), Ms.P.Bency, AP(Sr.G) Ms.R.V.Preetha, AP(Sr.G), Mr.P.Tamilarasan, AP(O.G),Ms.R.Elavarasi, AP(O.G) and Ms.A.Dhivya AP(O.G) successfully completed a Professional Development Programme on 'Clean and Green Energy Technology' conducted by NITTTTR from 2<sup>nd</sup> to 6<sup>th</sup> January 2023.
- Ms.S.Vanila, AP(Sel.G), Dr.T.Santhoshkumar, AP(Sr.G), Ms.P.Bency, AP(Sr.G), Ms.R.V.Preetha, AP(Sr.G), Mr.K.Raghulkumar, AP(O.G) and Mr.S.Venkatesh, AP(O.G) participated in the FDP on 'Understanding Student Psychology' organized by the department of Psychology, SRM Institute of Science and Technology in association with IQAC held on 26<sup>th</sup> December 2022.

- Ms.S.Vanila, AP(Sel.G) delivered lecture on the topic ‘Hardware software Co-simulation: VIVADO flow and ZYNQ 7000 SoC’ at one day Skill Development Program on Model Based system design using system generator organized by department of EEE, SRMIST held on 17<sup>th</sup> February 2023.
- Ms.S.Vanila, AP(Sel.G) was the Topper of the eight week NPTEL Course on ‘Educational Leadership’ (Jul-Sep 2022).
- Ms.S.Vanila, AP(Sel.G) attended a five day online workshop on ‘Recent trends in Electric Vehicle Technology and Research Opportunities’ from 27<sup>th</sup> February to 3<sup>rd</sup> March 2023 organized by department of Electrical and Electronics Engineering, Sri Sivasubramaniya Nadar College of Engineering.
- Ms.S.Vanila, AP(Sel.G) attended a five day Faculty Development Programme on ‘Machine learning using Python’ from 13<sup>th</sup> to 17<sup>th</sup> March 2023 conducted by department of Computer Applications, Hindusthan College of Engineering and Technology.
- Mr.S.Padhmanabhaiyappan, AP (Sel.G) and Mr.V.Sudhagar, AP(Sr.G) successfully completed a Professional Development Programme on ‘Lifelong learning and Innovation Skills’ held from 2<sup>nd</sup> to 6<sup>th</sup> January 2023.
- Mr.S.Padhmanabhaiyappan, AP(Sel.G) successfully completed a Professional Development Programme on ‘Implementation of NEP-2020 for University and College Teachers’ held from 18<sup>th</sup> to 26<sup>th</sup> November 2022.
- Mr.V.Sudhagar, AP(Sr.G) and Mr.S.Venkatesh, AP(O.G) successfully completed an NPTEL course on ‘Smart Grid: Basics to Advanced Technologies’.
- Mr.S.Balaji, AP(Sr.G) successfully completed NPTEL course on ‘Air Pollution and Control’.
- Mr.S.Balaji, AP(Sr.G) successfully completed NPTEL course on ‘Design of Power Electronic Converters’.

- Mr.S.Balaji, AP(Sr.G), Ms.P.Bency, AP(Sr.G) and Mr.P.Tamilarasan, AP(O.G) successfully completed a Professional Development Programme on ‘Computer Integrated Manufacturing’ conducted by NITTTR from 9<sup>th</sup> to 13<sup>th</sup> January 2023.
- Ms.P.Bency, AP(O.G), Mr.S.Balaji, AP(O.G), Ms.R.V.Preetha, AP(O.G), Ms.R.Elavarasi, AP(O.G) and Ms.A.Dhivya, AP(O.G) successfully completed 8 Weeks NPTEL Course with Elite Gold category on ‘Educational Leadership’ (Jul-Sep 2022)
- Mr.S.Venkatesh, AP(O.G) successfully completed a Professional Development Programme on ‘Arduino Programming using Tinkercad’ conducted by NITTR from 17<sup>th</sup> to 21<sup>st</sup> October 2022.
- Mr.P.Tamilarasan, AP(O.G) successfully completed a Professional Development Programme on ‘Special Electrical Machines’ conducted by NITTTR from 13<sup>th</sup> to 17<sup>th</sup> February 2023.
- Ms.R.Elavarai,AP(O.G) and Ms.A.Dhivya,AP(O.G) participated and successfully completed the Science and Engineering Research Board (SERB) Core Research Grant sponsored six day workshop on Emerging Trends, Challenges and Opportunities in Wireless Charging of Electric Vehicles organized by Electric Vehicle Charging Research Centre, Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Kattankulathur from 20<sup>th</sup> to 25<sup>th</sup> February 2023.