

Dr. Mahalingam College of Engineering and Technology, Pollachi-642 003
(An Autonomous Institution)
Office of Dean Research & Innovation

Intellectual Property Right Summary Details - 2019-2025

MAY 2025

S.No.	IPR Details	Academic Year- 2019-2025 (Updated up to 24 th Bi Monthly May 2025)
1.	Number of utility Patents Granted.	12
2.	Number of Design Granted.	75
3.	Number of Utility Patents Filed/Published	141
4.	Number of Design Filed	96
5.	Copyright Registered	9
6.	Copyright Filed	9
Total		342

LIST OF GRANTED UTILITY PATENT

Indian Patent Rights Details (2019- May_2025):

S.No	ApplicationNo.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
2024-2025				
1.	202141010226 Granted Patent Number :563302	Dr.M.Balakrishnan – MCET Faculty (Relieved) Dr.A.B.Arockia Christopher - MCET Faculty (Relieved) Dr.J.Ramprasath – ASP/IT Mr.N.Praveen Sundra Kumar – AP(SS)/ IT	A fault diagnosis system and rectification method for uniform power generation in solar power plants	March 2025
2.	201841040121 Grant Patent Number :541175	Dr. Rama Thirumurugan, Prof.& HoD /Mech Dr. R. Gnanaguru,ASP-Mech Mr. S. Gnanakumar,AP/Mech	Induction Water Heater	June 2024

S.No	ApplicationNo.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
		Mr. T. Vigneshkumar, AP/Mech		
3.	201841040122 Grant Patent Number :545155	Dr.I.Rajendran, Dr. Rama Thirumurugan, Mr. N. Santhosh, Mr. K. Prabu, Mr. C. Selvasenthil Prabhu, Dept. of Mechanical	Fail-safe mechanical latching system for three-way tippers	Aug 2024
2023-2024				
4.	202141020600 Granted Patent Number :538506	Mr.K. Sasikumar , AP-Mech Dr. K. Hariharan, ASP-Mech Dr. T. Ramkumar, ASP-Mech Dr. M. Selvakumar, Prof._Auto	Pugh matrix based decision making for the bore well rescue method and system thereof	May 2024
5.	202041007646 Grant Patent Number :524686	Dr.K.Mohaideen Abdul Kadhar, AP /ECE, Mr.L.Gowtham / Student of ECE	An interactive assistive device system for visually impaired people	Mar 2024
6.	201841040120 Grant Patent Number :506674	Dr. Rama. Thirumurugan Prof & HOD /Mech, Mr. M. Padmanaban, AP(SS)/Mech Mr. Sreejith S. Nair, AP(SS)/Mech	Flour Extruder	Feb 2024
7.	201841023877 Grant Patent Number :506875	Dr. Sudhakar Radhakrishnan, Prof. Head /ECE	Virtual friend for Elderly/differently abled	Feb 2024

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
8.	202241023296 Granted Patent Number :500041	Dr. N. Natarajan, Prof/civil Dr. L. Senthil Kumar ,AP(SG)/Maths Ms. C. Devipriya, AP(SS)/CSE	Multi-Purpose Detangling Device with Liquid Dispenser	Jan 2024
9.	202041006012 Grant Patent Number :504786	Dr. Rama. Thirumurugan, Prof&HOD /Mech, Dr. S.Madhusudhanan,AP(SG)/Mech Dr. K. Hariharan,ASP/Mech	Handheld Weed Plucker	Jan 2024
10.	202041039231 Grant Patent Number :479580	Dr.B. Saravanakumar ASP/S&H	Zinc oxide/carbon nanocomposite process of preparation and application thereof.	Nov 2023
2022-2023				
11.	202141016329	Dr.M.Selvakumar, Prof. /Auto Dr.M.Thirunavukkarasu, ASP /Auto Mr.R.Vishnu Ramesh Kumar,AP(SS) /Auto Dr.T.Ram Kumar, ASP /Mech Dr.B.Kishore , ASP /EEE	Self-charging bi-cycle with solar panel	Aug 2022
2021-2022				
12.	201941019354	Dr.M.Selvakumar, Prof./Auto	Titanium-titanium boride composite as a biomaterial for hip, and knee implants	Jun 2021

LIST OF GRANTED DESIGN PATENT

S.No.	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
2024-2025				
1.	447009-001	Ms.T.Sumathi - AP (SS) – IT Dr.A.P.Janani - ASP – IT Mr.T.Kanagasabapathy AP (SS)– AIDS Ms.S.Selvanayaki, AP - IT Ms.S.Deepa, AP - IT	AI Based Real Time Detection Device of Cardiovascular Diseases	May 2025
2.	6430834 (UK Patent)	Balasubramaniam Jayaram – External Dr. Raviteja kocherla – External Mr. Manickam Prabhu raj – AP-EEE Dr. Henry John Bosco Mickle Aancy – External Dr. Mukesh Kumar – External Dr. Thiyagarajan – External	AI – Enabled Robotic Machine for Business Automation	Apr 2025
3.	443261-001	Mr.M.Srinivasan - External Ms.M.Karthika - External Mrs.Rajarajeshwari K.C – AP - ECE Mrs.K.Divya - External Mrs.G M. Mythili - External Mrs.U.Sasikala - External Mr. S.Ganapathy - External Mr.Anish Antony – External	Machine Learning Based Wireless Network security hub	Apr 2025
4.	426413-001	Govind Sourabh – External Dr.Natarajan - Prof. - CIVIL Muthusamy Mohanaprasath - External Mangottiri Vasudevan - External Mr.S.Dineshkumar - AP - CIVIL Mr.S.Syed Masoodhu – AP (SS) - CIVIL Ms.S.Sharmila - AP - CIVIL	Outdoor Air Purifier	Mar 2025
5.	442250-001	Ms.K.C.Theepika – AP/MCA Dr.S.Raja Rajeswari - AP/MCA Ms.S.Divya Vahini - AP/MCA Ms.B.Yesodhai - AP/MCA	AI Based Medical Device for Detection of Skin Disease	Mar 2025

S.No.	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
		Ms.M.Rubha – AP/MCA		
6.	429908-001	1. S.Nachimuthu, AP /Mech 2. Dr. Balamurali, AP /Mech 3. Dr. S.V. Gurupranes , AP /Mech 4. J. Nagarajan , AP /EEE 5. M. Lohit, III Mech 6. R.S. Sharveshwaran, III Mech	Integrated tea maker and Bread toaster device	Dec 2024
7.	434986-001	Mr.J.Dinesh Kumar – AP Mech	A Novel Split Casing high performance Pump	Dec 2024
8.	431663-001	Ms.Mithuna , AP/AIML	Smart WIFI LED Ceiling Light	Dec 2024
9.	431810-001	Mr. S.Mahalingam/AP-Auto	Radio Frequency Power Amplifier Device	Dec 2024
10.	424277-001	Mr. Divakaran Jayaprakash AP(SS)/ECE	IoT based Smart Trolley for LPG Gas Monitoring	Dec 2024
11.	432524-001	Ms. Jeslin Benita Ponnarasi	Device for attack detection in Digital forensics	Dec 2024
12.	422509-001	Dr. M.Jayaraj AP(SG) - MECH Mr. V. Manoj Mohan Prasath - External M r. R .Venkatraman - External D r.N.Shanmuga Sundaram - AP(SG) - MECH Mr.K.Vijayakkannan - AP(SS) - MECH Mr. K.Gokulnath - External Mr. T. Vignesh – External	Double Vacuum Blower for Cleaning Coir Pit Blocks	Dec 2024
13.	431368-001	1.Tamilarasan V D 2. Shanmugam D 3.Vishnurameshkumar R 4.Mahendran M 5.Ponmurugan M 6.Mahalingam S 7.Bavithran K III Mech 8.Pughalarasan IV Auto	Adjustable Misalignment Control Arm Heim Joint	Dec 2024

S.No.	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
14.	432166-001	Ms.B.Maheswari -AP / Maths Ms.N.Punitha -AP / Maths Ms.Nishanthi - AP / Maths	Processing Apparatus for Advanced Mathematical Computation	Nov 2024
15.	430020-001	1. Dr. S. Ponni Alias Sathya,ASP/IT 2. Dr. S. K. Ashok,AP(SG)/Civil 3. Mr. T. Vijayakumar,AP/AIDS	IOT based Smart plate to detect weight and calorie of the food	Nov 2024
16.	431344-001	Ms. Gomathi M, AP /CSE	Smart Cyber Security Analytic Device	Nov 2024
17.	430529-001	Mrs.S.Suthaviji, AP/Civil	Device based on pneumatic system for manufacturing of bio concrete	Nov 2024
18.	429123-001	Dr.Natarajan, Prof./Civil Mr.S.Dineshkumar,AP/Civil Mr.S.Syed Masoodhu,AP/Civil Ms.S.Sharmila,AP/Civil Dr. M. Jayaraj ,AP(SG)/Mech	Ecobin for water tank	Nov 2024
19.	424954-001	Ms.V.Arunadevi ,AP(SS)/English Dr.R.Bhuvaneswari,AP(SS)/English Dr.B.Balavijaya Priya ,AP(SS)/English Ms.K.Rajalakshmi,AP(SS)/English Dr. R. Shivashankari,AP(SS)/English	English Pronunciation Training Device	Sep 2024
20.	426674-001	Ms.K. Radha , AP /SS Ms.S. Devilavanya /AP Ms.Santhiya J AP , Dept of CSE	Artificial Intelligence Based Cloud Security Detecting Device	Sep 2024
21.	425791-001	Dr. D. Sivaganesan Dr. M.L. Valarmathi Dr A Noble Mary Juliet Dr N. Senthil Madasamy Dr N Suba Rani Dr. J. Bhavithra, Dept. of CSE.	IOT Based Electric Vehicle Energy Consumption Predicting Device	Sep 2024
22.	424953-001	Ms.J.Santhiya , AP/CSE Ms.M.Gomathi , AP/CSE Ms.S.Devilavanya, AP/CSE	Smart Food Quality Analyzer	Sep 2024

S.No.	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
23.	423439-001	Ms. K S. Sudhishna, AP/IT Ms. A G. Priya Varshini, AP(SS)/IT Dr. S. Ramakrishnan, Dean RI Dr. M. Jayaraj, AP(SG)/Mech Ms. P. Kalaivani, AP/IT Mr. R. Govindaraj, AP/IT Ms. G. Keerthika, AP/IT	Fabric Pleat Ironing Device	Sep 2024
24.	422859-001	Mrs. R. Vidhya, AP /English	Device to monitor students Attention during class	Sep 2024
25.	419905-001	Dr. S. Bharathi, ASP/ECE Mr. K. R. Gokul Anand, AP(SS)/ECE Mrs. R. Sherine Jenny, AP(SS)/ECE Mrs. N. Sugirtham, AP(SS)/ECE Dr. R. Sudhakar, Prof. Head / ECE Dr. B. Kannapiran Prof. Head / IQAC	Stapler -Class 2	Aug 2024
26.	423775-001	Mr. Sreejith S Nair, AP(SS)/Mech	Compact heat exchanger with Enhanced thermal efficiency	Aug 2024
27.	419413-001	Ms. K. Rajalakshmi, AP(SS)/English Ms. V. Arunadevi, AP(SS)/English Dr. B. Bala Vijaya Priya, AP(SS)/English Dr. R. Shivashankari, AP/English Ms. R. Vilva viruksha, AP/Tamil	Device for Error Detection in English Language Teaching	Aug 2024
28.	419906-001	Dr. S. Bharathi, ASP/ECE Mr. K. R. Gokul Anand, AP(SS)/ECE Mrs. R. Sherine Jenny, AP(SS)/ECE Mrs. N. Sugirtham, AP(SS)/ECE Dr. R. Sudhakar, Prof. Head / ECE Dr. B. Kannapiran Prof. Head / IQAC	Stapler-Class 1	Aug 2024
29.	416312-001	Ms. R. Anuja, AP/Civil Dr. K. Srinivasan, AP(SG)/Civil Mrs. M. Gayathri, (PG Civil)	Extrusion Structure for Wall Panels and Partitions	Aug 2024

S.No.	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
30.	413413-001	Mrs. K.C.Rajarajeshwari, AP/ECE Mrs. N. Nithiyameenatchi , AP/ECE Mrs. L. Gowrijayasree , AP/ECE Mrs. S. Sivaranjani , AP/ECE Ms.S. Dharani , AP/ECE Mr.M.Sivakumar , AP/IT Mr.K.R. Gokul Anand, AP(SS)/ECE	Smart Robotics Using IOT and ML Techniques	July 2024
31.	411350-001	Ms. S. R. Indurekaa ,AP/AIDS Dr. N. Suba Rani ,ASP/CSE Dr. A. Nobel Mary Juliet ,ASP/CSE Mr. M. Arun ,AP(SS)/AIDS	Location Detector	July 2024
32.	415929-001	Ms.S.Selvanayaki ,AP/IT Dr.A.P.Janani,AP/IT Ms.S.Deepa,AP/IT Ms.T.Sumathi,AP (SS)/IT	Deep Learning Integrated Object Recognition Device	July 2024
33.	402215-001	Mr. V.D.Tamilarasan, AP(SS)/Auto	Roll cage for electric off-road vehicle	June 2024
34.	6372291	Dr. Umamaheswari Krishnasami , AP(SG)/EEE.	Power Transformer System	June 2024
35.	413565-001	Mr K Sasikumar, AP/Mech	Versatile Combination Spanner	June 2024
36.	408298-001	Dr.L. Senthil Kumar, AP(SG),Maths Ms.B. Maheswari, AP,Maths Ms.N. Punitha,AP,Maths Ms.S. Chitra,AP,Maths Dept of S&H	Electric Paper Punching Machine	June 2024
2023-2024				
37.	418474-001	Mr M. Vignesh, AP/ECE Mr M Nithyakumar,AP/ECE	An IoT Based Intelligent Shopping Cart	May 2024
38.	409666-001	Mr.P.E. Kamalakkannan, AP(SS)/EEE Dr. B. Vinothkumar,Prof./EEE Dr.M.Kaliamoorthy,Prof./EEE	Contactless Thermal Scanning System for Security	May 2024
39.	386250-001	Dr. K. Umamaheswari,AP(SG)/EEE.	Solar power EV charging system	

S.No.	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
				May 2024
40.	411690-001	Dr. Umamaheswari Krishnasami, AP(SG)/EEE.	Audiovisual Teaching practice	May 2024
41.	410029-001	Ms.V. Shanmugaveni,AP/CSE Ms.M. Bhagavathi Priya,AP/VLSI Ms.M. Prasannablessy,AP/CSE Ms.M. Jotheeswari,AP/CSE Ms.M. Vijaya kumar,AP/CSE	Machine learning based device cyber Security data analytic device	May 2024
42.	409869-001	Dr. S. Ponni Alias Sathya, ASP,IT Dr. S.K. Ashok , AP (SG),Mech Dr. L. Meenachi , ASP& HoD-IT Mrs. N. Sumathi ,AP(SS),CSE Mrs. G. Saranya , AP,IT Mrs. K. Saranya , AP,IT Mrs. P. Rajeswari, AP,IT	Portable Solar And Electric Powered Charger For Electronic Device	May 2024
43.	398075-001	Dr. J. Thimmia Raja ,AP(SS)/IT	Foldable Keyboard	May 2024
44.	407664-001	Mr.T.Sathesh Kumar AP(SS)/EEE	IoT based photovoltaic cell Testing Device	April 2024
45.	397431-001	Dr. K. Murali,Prof./Civil Mrs. S. Suthaviji, AP/Civil Dr. M. Mariappan,ASP/Civil Mr. M. Sudharsanan,AP/Civil Dr. K.Srinivasan,AP(SS) Dept. of Civil	Water Absorption Test Apparatus	Mar 2024
46.	404156-001	Ms. Arunadevi Velusamy, AP(SS) Ms. Rajalakshmi Kalimuthu,AP(SS) AP/ English Dept of S&H	Wireless Mouse	Mar 2024
47.	407522-001	Mr.Prabhu, AP/IT Ms.Sathiyapriya, AP/ECE	IoT And Cloud Based Camera For Healthcare Surveillance	Mar 2024

S.No.	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
48.	404176-001	Dr. Natarajan Narayanan, Prof /civil	Flowability Testing Apparatus for Controlled Low Strength Materials	Mar 2024
49.	6346711	Mr.J.Dineshkumar, AP/Mech	Lifting Vehicle Assembly	Feb 2024
50.	408916-001	Mrs. S. Suthaviji	Device to perform analysis of polymer concrete	Feb 2024
51.	406562-001	Ms.Geetha Rajakumari R,AP/AIDS Ms.Kiruthikka D.C,AP/AIDS Ms.Rajalakshmi.M,AP/AIDS Mr.Vishnuprasath A,AP/AIDS Mr.Vijayakumar T,AP/AIDS Mr.Nandhini S,AP/AIDS	Machine to detect textile fabric Defect	Feb 2024
52.	400196-001	Mr.M.Dhamodharan , AP/Auto	Intelligent Assistive Robot For Elderly Care People	Jan 2024
53.	397190-001	Dr.M.Thirunavukkarasu, ASP /Auto	Artificial Intelligence based Pest capturing agricultural machine	Jan 2024
54.	6329036	Ms.K.Rajalakshmi ,AP (SS)/English	Agricultural Drone for Crop Health Monitoring	Dec 2023

S.No.	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
55.	392313-001	Dr. K. Murali/Civil Dr. K. Srinivasan/Civil Mr. M. Sudharsanan/Civil	De-fluoridating unit for groundwater remediation	Dec 2023
56.	400790-001	Dr. G. AnupriyaASP/CSE Ms. C. Jayashree,AP(SS)/CSE Dr. M.L. Valarmathi,Prof/CSE Dr. J. Bhavithra,AP(SG)/CSE Ms. M. Gomathi,AP/CSE Ms. G.Deepa,AP/CSE Ms. A. Jayalakshmi,AP/CSE	Portable Image and Text Recognizing Device	Dec, 2023
57.	379605-001	Dr.K.Rameshkumar , AP(SG)/EEE	Personal Assistant Robot	Dec 2023
58.	398074-001	Dr. J. Thimmia Raja ,AP(SS)/IT	Three-Wheeled Electric Vehicle	Dec 2023
59.	400788-001	Mr. J.Dinesh Kumar/Mech	Rooftop Wind Turbine With Conical Tunnel	Nov, 2023
60.	398076-001	Dr. J. Thimmia Raja ,AP(SS)/IT	Food and Beverage Serving Trolley	Nov 2023
61.	394374-001	Ms.Uma Maheswari /CSE	Industrial Robot For Checking Product Quality	Oct, 2023

S.No.	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
62.	395318-001	Dr.B.Kishore, ASP /EEE	Wireless Monitoring system for mine safety	Sep, 2023
63.	394906-001	Mr.C.Devipriya ,AP(SS)/CSE Mr.V.Eswaramurthy ,AP(SS)/CSE	Automatic Seed Sowing Robot	Sep, 2023
64.	385939-001	Mrs.P.Selvanayaki , AP /IT	Fruits Quality Monitoring And Adulteration Detection Device	Sep 2023
65.	383996-001	Dr.M.Balakrishnan /AIDS Dr. J.Ramprasath /IT Dr.A.S.Muthanantha Murugavel/IT Dr.A.B.Arockia Christopher/IT	Face Mask and Sanitizer Dispensing Unit	Aug 2023
66.	385639-001	Dr. S Ramakrishnan, Dean R&I Dr. Ponni Alias Sathya , ASP/IT Dr. S.K.AshokAP(SG)/Auto Ms. D. Jananim, AP /IT Ms. N. Sumathi AP(SS) /CSE	Household Grinding Machine	Aug 2023
67.	368818-001	Dr.M.Kaliamoorthy/EEE	Brushless DC Motor for Electric vehicle	Aug 2023
2022-2023				
68.	380828-001	Dr.M.Kaliamoorthy, Prof /EEE	Dual Switch Coupled Inductor Converter	May 2023

S.No.	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication
69.	378817-001	Dr.Kishore BProf./EEE	IOT Streetlight Controller Device	May 2023
70.	379888-001	Dr. J. Thimmia Raja ,AP(SS)/IT	Iot Based Smoke and Heat Detector	May 2023
71.	382119-001	Dr Kishore B, AP(SG)/EEE	Agriculture Robot For Sowing Seeds	May2023
72.	382619-001	Dr.A.P.Janani, AP/IT	Smart Phone Charger	May2023
73.	380824-001	Dr. J. Thimmia Raja, / IT Dr.A.S.Muthunantha Murugavel /IT	Currency Note Counting Machine	May2023
74.	353413-001	Dr.K Rameshkumar, AP(SG) /EEE	A Multipurpose Solar Taillight For Bicycle	Jan 2023
75.	348928-001	Dr.Kishore B Prof./EEE	A supporter for portable terminal	Dec 2022

LIST OF FILED / PUBLISHED INTELLECTUAL PROPERTY RIGHTS

S.No	ApplicationNo.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
2024-2025					
1.	202541034581	Dr. Karthikeyan Thangavel - External Dr. Ashkar Mohammed. M - External Dr. Baiju Karun - External Divya Shree R H - External Rajesh Mishra - External Preethi R - External D. Gnanaprakasam – AP/EEE Dr. T. Arunkumar - External Dr Vishnu Kiran Manam - External T Jayachandra Reddy - External Dr Vivek Bhatnagar - External Mr. V.S. Jagadhish - External	Machine Learning Applications for Precision Biomarkers and Tailored Therapy in Advanced Lung Cancer	09/05/2025 (P) 08/04/2025 (F)	Published
2.	202521040412	Jitendra Shrivastav - External Nadikatla Chandrasekhar - External Dr. C. L. Monica - External Mrs. S. Kathirvizhi - External Dr. K. Akila - External Dr. Sanjeev Kumar Sharma - External D. Gnanaprakasam –AP/ EEE Dr.S.Subhalakshmi - External Mrs.G.Devayani - External Dr.Kusuma Rajasekhar - External Dr.Prabakaran Paranthaman - External Mrs. R. Madhumitha - External	Integration of Machine Learning With a Smart IOT-Based Monitoring System For Poultry Farms: Chicken Behavioral Analysis for Predicting Egg Production Rate and Egg Weight	16/05/2025 (P) 26/04/2025 (F)	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
3.	202541033187	Dr.S.Nithya – ASP – AI & DS Ms.D.C.Kiruthikka AP – AI & DS Ms.M.Masilamani AP – AI & DS Ms.R.Anitha AP – AI & DS Ms.N.Sathya AP – AI & DS	AI-Augmented Modular Robotic System for Dynamic Surface Maintenance and Infrastructure Monitoring	02/05/2025 (P) 04/04/2025 (F)	Published
4.	449744001	Dr. M. Karthik Dr. R. Deepalakshmi Mrs.G. Hemalatha Mrs. L. Sreevidya Ms S.Abiramasundari – AP - ECE	AI driven Solar PV and Electric Vehicle power distribution framework	Mar - 2025	Filed
5.	202541026310	Manoharan K - External Dr. Veera Vanitha D - External Dr. Senthil Kumar L – AP (SG) – S& H Ms. Chitra S – AP – S&H Dr. Manish Jain - External Mr. Karthick Myilvahanan J - External	Skin Cancer detection using Generative AI	Mar - 2025	Published
6.	202541024891	Dr. Thummala Venkatamuni - External Dr. P. Saravana Kumar - External Mr. J. Dinesh Kumar – AP Mech Mr. Kurmana Premakumar - External Dr. Sekar K - External Siva M - External R. Ashok Gandhi - External	Wind Turbine Blade System Utilizing Hemp and Flax Fiber Composites for Enhanced Sustainability and Performance	Mar - 2025	Published
7.	202541024146	B Padmapriya – External K.Saranya – External Dr. K. Sridar – External Prabhu R – AP - IT D.Diana Julie – External T. Sanmathi – External V. Vijey Nathan – External	Measuring player tendency with artificial intelligence approach through gesture recognition	Mar - 2025	Published

S.No	ApplicationNo.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
		T.L.Vijayakumar – External B.Devi – External T Prabu – External Dr. S.Mohan – External			
8.	202541021193	Mohanraj – External Uthayakumar J – External M. Nivethini – External S.Gayathri – AP - CSE S.Shanmugapriya – External Vinodhini B – External	Harnessing Quantum Mechanics for Accurate Molecular Interaction Simulations in Drug Development	Mar - 2025	Published
9.	202541023105	Mohanraj – External Uma Maheswari P – External Dr. K.Vijaya Kumar – External Dr.Y.Sameena – External P.Rajeswari – AP - IT Ms. Athira B – External J.Manoj Prabhakar – External	Entangled Qubits Transform Traditional Learning Methods Into Intelligent Adaptive Systems	Mar - 2025	Published
10.	202541017281	Dr. S. Gokulkumar - External Dr. S. V. Gurupranes – AP - Mech Dr. K. Manickaraj - External Dr.Jayanna Kanchikere - External Dr. L. Prabhu - External Mr. A. Manmathan - External Mr. H. Mohamed Asrin - External Ms. K. Namburigha - External	Development of roll cage for cars	Mar - 2025	Published
11.	449207-001	Mr.K.kanniyarsu AP -AIML Ms.Yamunadevi – AP -AIML Mr.S.Saravana Kumar– AP -CYS Ms. J.Rini Angeline Vinshia– AP -CYS Ms.Saranya– AP -CYS Ms. Jeslin Benita Ponnarasi – AP -CYS	AI based advanced e-vehicle testing unit	Feb -2025	Filed

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
12.	447009-001	Ms.T.Sumathi AP (SS) - IT Dr.A.P.Janani ASP - IT Mr.T.Kanagasabapathy AP (SS) - CSE Ms.S.Selvanayaki AP - IT Ms.S.Deepa AP - IT	AI Based Real Time Detection Device of Cardiovascular Diseases	Feb -2025	Filed
13.	202541008997	Dr. S. Gokulkumar External Dr. K. Manickaraj External Dr. S. V. Gurupranes AP - Mech Dr.M.Sivakumar External Dr. L. Prabhu External Mr. J. P. Manjunath External Mr. M. Ragul Kumar External Mr.J.Joshua External	Bio-material-based air filtration system	Feb -2025	Filed
14.	202541009288	Ms. P. Vanjipriya AP - ECE Dr. S. Raja Rajeshwari AP(SS) - MCA Mr. N.S Madhumohan Student of ECE Mr. K.A. Sreeram Student of ECE Mr. C.N. Balmurali Student of ECE Ms. Nivetha R P Student of MCA Ms. Boomika P Student of MCA Ms. Janavi T Student of MCA	Driver drowsiness detection system and method thereof	Feb -2025	Filed
15.	202541009299	Mr. Sreejith S Nair AP(SS) - MECH Dr. Rama Thirumurugan Prof & Head - MECH Dr. M. Jayaraj AP(SG) - MECH Mr. R. Dharaneesh Student of Mech Mr. A. Rajiv Sanjai Student of Mech Mr. V. Suthirkumar Student of Mech	Suspension Based Air Compressor System	Feb -2025	Filed

S.No	ApplicationNo.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
16.	202541009314	Mr. K. S. Mithun Kumar Student of Auto Mr. S. Yaswanth Student of Auto Mr. D. Gokulakrishnan Student of Auto Ms.S. Pavithra Student of Auto Ms. J Lathika Student of Auto Ms. K Navinaa Student of Auto Dr. M. Selvakumar Prof - AUTO (R) Mr. M. Mahendran AP(SS) - AUTO Mr. V D Tamilarasan AP - AUTO	Aeroponics-Integrated Hydroponics Agriculture System with IoT and AI- Based Automation	Feb -2025	Filed
17.	202541010686	Dr. M. Selvakumar Prof - AUTO (R) Mr. M. Mahendran AP(SS) - AUTO Mr. Saran N Student of Auto Mr. Mehulkrishna M Student of Auto Mr. Elladurai S Student of Auto	Portable Forklift System with Integrated Weighing Mechanism for Material Handling	Feb -2025	Filed
18.	202541003224	Mr. Kiran B. M. External Ms. Veena M. External Dr. Girja Shankar Patel External Dr. Fazlunnisa A External Soma Sircar Dasgupta External Dr. Syed Arshad Ali External Dr. Manzoor Ansari External Ms. Nidhi Goel External Anubhav Sharma External Pooja P Raj AP(SS) - AIDS	Utilizing blockchain for enhanced security and transparency in library transactions	Jan -2025	Filed
19.	202544004338	Ms.M.Rubha AP - MCA Dr.R.Muthusami ASP & HOD - MCA	Smart system for Agricultural Renaissance (SAR)	Jan -2025	Filed

S.No	ApplicationNo.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
20.	202341046834	Dr.P.Vivekanandan Prof & Head - AIML Guru Dharsan T Student Mrs.V.Shanmugaveni AP - CYS Ms.M.Bhagavathi Priya - AP - VLSI Mr.M.Sakthivadivel - AP (SS) - CYS	Programmable smart kitchen container	Jan -2025	Filed
21.	443261-001	Mr.M.Srinivasan - External Ms.M.Karthika - External Mrs.Rajarajeshwari K.C – AP - ECE Mrs.K.Divya - External Mrs.G M. Mythili - External Mrs.U.Sasikala - External Mr. S.Ganapathy - External Mr.Anish Antony – External	Machine Learning Based Wireless Network security hub	Jan 2025	Filed
22.	442250-001	Ms.K.C.Theepika – AP/MCA Dr.S.Raja Rajeswari - AP/MCA Ms.S.Divya Vahini - AP/MCA Ms.B.Yesodhai - AP/MCA Ms.M.Rubha – AP/MCA	AI Based Medical Device for Detection of Skin Disease	Dec - 2024	Filed
23.	438697-001	1. Dr. Rama thirumurugan, Prof/HoD,Mech 2. Sharveshwaran R.S , Students III Yr.Mech 3. Dr. D. Nathan, ASP/Mech 4. Dr. N. Shanmuga Sundaram, AP(SG)/Mech 5. Lohit M, Students III Yr.Mech 6. Dr. D. Shanmugam Prof/HoD,Auto 7. Dr. M. Jayaraj, AP(SG)/Mech	Mobile Case Amplifier	Nov 2024	Filed
24.	202441082999	Mr.J.Dineshkumar , AP /mech	An Alternative Fuel Assisted control system for internal combustion engine and Method Thereof	Oct 2024	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
25.	202441080456	Mr.J.Venkatesh, AP/Mech	An innovative time management system for increased productivity	Oct 2024	Published
26.	434986-001	Mr.J.Dinesh Kumar , AP/Mech	A Novel Split Casing high performance Pump.	Nov 2024	Filed
27.	431367-001	Mr.V.D.Tamilarasan/AP-Auto	Electric All -Terrain Vehicle Roll Cage	Oct 2024	Filed
28.	431810-001	Mr. S.Mahalingam/AP-Auto	Radio Frequency Power Amplifier Device	Oct 2024	Filed
29.	431368-001	Mr.V.D.Tamilarasan/AP-Auto	Adjustable Misalignment Control Arm Heim Joint	Oct 2024	Filed
30.	431663-001	Ms.Mithuna , AP/AI ML	Smart WIFI LED Ceiling Light	Oct 2024	Filed
31.	431344-001	Ms.M.Gomathi , AP/CSE	AI based Cyber security analytic device	Oct 2024	Filed

S.No	ApplicationNo.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
32.	429908-001	1. S.Nachimuthu, AP /Mech 2. Dr. Balamurali, AP /Mech 3. Dr. S.V. Gurupranes , AP /Mech 5. J. Nagarajan , AP /EEE 6. M. Lohit, III Mech 7. R.S. Sharveshwaran, III Mech	Integrated tea maker and Bread toaster device	Sep 2024	Filed
33.	430020-001	1. Dr. S. Ponni Alias Sathya,ASP/IT 2. Dr. S. K. Ashok,AP(SG)/Civil 3. Mr. T. Vijayakumar,AP/AIDS	IOT based Smart plate to detect weight and calorie of the food	Sep 2024	Filed
34.	430529-001	Mrs.S.Suthaviji, AP/Civil	Device based on pneumatic system for manufacturing of bio concrete	Sep 2024	Filed
35.	429123-001	Dr.Natarajan, Prof./Civil Mr.S.Dineshkumar,AP/Civil Mr.S.Syed Masoodhu,AP/Civil Ms.S.Sharmila,AP/Civil Dr. M. Jayaraj ,AP(SG)/Mech	Ecobin for water tank	Sep 2024	Filed
36.	432166-001	Ms.B.Maheswari -AP / Maths Ms.N.Punitha -AP / Maths Ms.Nishanthi - AP / Maths	Processing Apparatus for Advanced Mathematical Computation	Sep 2024	Filed
37.	428333-001	Mr.K. Sasi Kumar, AP /Mech	Staircase-climbing suitcase	Sep 2024	Filed

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
38.	429147-001	Mr.J.Venkatesh , AP /Mech	Parabolic Trough Solar Energy concentrator	Sep 2024	Filed
39.	429157-001	Mr.R.Gunasekaran , , AP /Mech	Design of solar powered hybrid agriculture machine	Sep 2024	Filed
40.	426413-001	Dr. N. Natarajan, Prof/Civil Mr.S.Syed Masoodhu, AP(SS)/Civil Ms.S.Sharmila, AP/Civil Mr.S.Dineshkumar, AP/Civil	Outdoor air purifier	August 24	Filed
41.	202441063728	Dr.C.Moorthy - AP ECE Mr.V.Gurunathan - AP ECE Ms.T.Sathiyapriya - AP ECE Mr.A.Shafeek - AP ECE Ms.S.Thilagavathi- AP ECE	Vice Activated Smart Wearable Device for Women Safety using Machine Learning	Aug 2024	Filed
42.	429147-001	Mr.J.Dinesh Kumar , AP /Mech	A Smart Natural Fiber Composite With Self-Healing Capabilities And Method Thereof	Aug 2024	Filed
43.	426674-001	Ms.K. Radha , AP /SS Ms.S. Devilavanya /AP Ms.Santhiya J AP , Dept of CSE	Artificial Intelligence Based Cloud Security Detecting Device	Aug 2024	Filed
44.	425791-001	Dr. D. Sivaganesan Dr. M.L. Valarmathi Dr A Noble Mary Juliet Dr N. Senthil Madasamy Dr N Suba Rani	IOT Based Electric Vehicle Energy Consumption Predicting Device	Aug 2024	Filed

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
		Dr. J. Bhavithra . Dept. of CSE.			
45.	202441059971	Mr.J.Dinesh Kumar, AP/Mech	A Smart Natural Fiber Composite With Self-Healing Capabilities And Method Thereof	Aug 2024	Published
46.	202441057969	Mr.M.Arun , AP (SS) /AIDS Mr.M.Vishnuprasath , AP /AIDS	Eco-Friendly Solutions For Mitigating Ozone Depletion And Reducing Cfc Emissions Using AI	Aug 2024	Published
47.	202441058974	Dr.R.Muthusami, AP(SG)& HEAD /MCA Dr.S.Raja Rajeswari, AP(SS),	Automated Detection Of Rotten Tomatoes	Aug 2024	Published
48.	427429-001	Mr.M.Gideon Ganesh , AP(SS)/Mech Mr.K. Sasi Kumar, AP/Mech Mr.S.Naveen Kumar, AP/Mech Dr.N.Shanmuga Sundaram, AP(SG)/Mech	Onion Planting Machine	Aug 2024	Filed
49.	202441057183	Ms.Gayathri G , AP /CSE Mr. Prabhu K , AP(SS) /CSE Mr. Senthil Prabhu S AP(SS) /CSE	Internet-Connected Home Micro-Agriculture System	Aug 2024	Published
50.	424228-001	1. Dr. Gurupranes SV ,AP/MECH 2. Mr. Bharathsanjai K ,III MECH /Students 3. Mr. Raja Suriya B, III MECH /Students 4. Mr. Nachimuthu S,AP/MECH	Pristine Wave	July 2024	Filed

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
		5. Dr. Balamurali N, AP/MECH 6. Dr.S.Madhusudhanan, AP(SG) /MECH			
51.	424954-001	Ms.V.Arunadevi ,AP(SS)/English Dr.R.Bhuvaneswari, AP(SS)/English Dr.B.Balavijaya Priya ,AP(SS)/English Ms.K.Rajalakshmi, AP(SS)/English Dr. R. Shivashankari, AP(SS)/English	English Pronunciation Training Device	July 2024	Filed
52.	424953-001	Ms.J.Santhiya , AP/CSE Ms.M.Gomathi , AP/CSE Ms.S.Devilavanya, AP/CSE	Smart Food Quality Analyzer	July 2024	Filed
53.	423439-001	Ms. K S. Sudhishna, AP/IT Ms. A G. Priya Varshini , AP(SS)/IT Dr. S.Ramakrishnan, Dean RI Dr. M. Jayaraj, AP(SG)/Mech Ms. P. Kalaivani ,AP/IT Mr. R. Govindaraj , AP/IT Ms. G. Keerthika, AP/IT	Fabric Pleat Ironing Device	July 2024	Filed
54.	422859-001	Mrs.R.Vidhya, AP /English	Device to monitor students Attention during class	July 2024	Filed
55.	422509-001	Dr. M.Jayaraj, AP(SG) /MECH Dr.N.Shanmuga Sundaram AP(SG) /MECH Mr.K.Vijayakkannan AP(SS) /MECH	Double side Vacuum blower	July 2024	Filed

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
56.	423404-001	Syed Masoodhu Syed Meeran Adarsh Viswanathan Hari Hara Subramanian Dineshkumar Senthil Kumar Natarajan Narayanan Sharmila Sivalingam Vasudevan Mangottiri	Arrow-shaped multi-purpose green building complex	July 2024	Filed
57.	423775-001	Mr. Sreejith S Nair , AP(SS)/Mech	Compact heat exchanger with Enhanced thermal efficiency	July 2024	Filed
58.	202441052328	A.Shafeek V.Gurunathan R.Sudhakar C.Moorthy T.Sathiyapriya S.Thilagavathi	Electric Vehicle Theft Monitoring	July 2024	Published
59.	thi	Dr.C.Moorthy Mr.V.Gurunathan Ms.T.Sathiyapriya Mr.A.Shafeek Ms.S.Thilagavathi	Vice Activated Smart Wearable Device for Women Safety using Machine Learning	July 2024	Published
60.	424277-001	Mr. Divakaran Jayaprakash AP(SS)/ECE	IoT based Smart Trolley for LPG Gas Monitoring	July 2024	Filed
61.	202441053577	Ms. S.Yamunadevi , AP /AIML Ms.Rini Angeline Vinshia J, AP /CY Ms.P.Jessie , AP /AIML Mr.M.Sivakumar ,AP/IT Ms.M.Kavitha ,AP/AIML Ms. R.Binisha ,AP/CSE	A machine learning based gradient boosting regression approach for wind power production forecasting	July 2024	Published

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62.	202441048334	Dr.S.Ramakrishnan , Prof.& Dean RI Mr. N. Praveen sundra kumar ,AP(SS)/IT Ms. D. Janani, AP/IT Ms. S. Soundariya,AP/IT	Temperature Controlled Smart Water Dispenser For Solar Water Heater	June 2024	Published
63.	202441040947	Ms. K. Rajalakshmi Ms. V. Arunadevi Dr. B.BalaVijaya Priya	Automated Genre Classification of Literary Works Using Semantic Analysis	June 2024	Published
64.	419905-001	Dr.S.Bharathi , ASP/ECE Mr.K.R.Gokul Anand ,AP(SS)/ECE Mrs.R.Sherine Jenny,AP(SS)/ECE Mrs. N.Sugirtham,AP(SS)/ECE Dr. R.Sudhakar , Prof.Head / ECE Dr. B.Kannapiran Prof.Head /IQAC	Stapler -Class 2	June 2024	Filed
65.	6372291	Dr. Umamaheswari Krishnasami , AP(SG)/EEE.	Power Transformer System	June 2024	Filed
66.	419413-001	Ms. K. Rajalakshmi ,AP(SS)/English Ms. V. Arunadevi,AP(SS)/English Dr. B.BalaVijaya Priya,AP(SS)/English Dr. R. Shivashankari,AP/English Ms. R. Vilva viruksha,AP/Tamil	Device for Error Detection in English Language Teaching	June 2024	Filed
67.	419906-001	Dr.S.Bharathi , ASP/ECE Mr.K.R.Gokul Anand ,AP(SS)/ECE Mrs.R.Sherine Jenny,AP(SS)/ECE Mrs. N.Sugirtham,AP(SS)/ECE Dr. R.Sudhakar , Prof.Head / ECE Dr. B.Kannapiran Prof.Head /IQAC	Stapler-Class 1	June 2024	Filed

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
68.	411682-001	Dr.S.Ayyappan	Multi-Core Pin Coupling	June 2024	Filed
69.	411693-001	Dr.S.Ayyappan	Pyrolysis Reactor	June 2024	Filed
70.	412200-001	Mr. K. Sasikumar, Ap /Mech	Multifunctional Solar Based Drone	June 2024	Filed
71.	412199-001	Mr. K. Sasikumar, Ap /Mech	Regenerative E-Bicycle	June 2024	Filed
72.	412200-001	Mr.K.Sasikumar, N.Manoj, K.Sanjay, S.Vibineshwaran	“Multifunctional Solar Based Drone”.	June 2024	Filed
2023-2024					
73.	202441034197 A	1)T. Sathesh Kumar,AP-SS-EEE 2)K. Sathiyarayanan,AP-SS-EEE 3)P. Elavarasan, Student /EEE 4)V. Karthiksaran, Student /EEE	Non Invasive Blood Glucose Monitoring System Using Red Laser Sensors	May 2024	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
74.	416312-001	Ms. R. Anuja , AP/Civil Dr. K. Srinivasan , AP(SG)/Civil Mrs.M. Gayathri, (PG Civil)	Extrusion Structure for Wall Panels and Partitions	May 2024	Filed
75.	415929-001	Ms.S.Selvanayaki ,AP/IT Dr.A.P.Janani,AP/IT Ms.S.Deepa,AP/ITx`x` Ms.T.Sumathi,AP (SS)/IT	Deep Learning Integrated Object Recognition Device	May 2024	Filed
76.	418474-001	Mr M Vignesh, AP/ECE Mr M Nithyakumar,AP/ECE	An IoT Based Intelligent Shopping Cart	May 2024	Filed
77.	412199-001	Mr.K.Sasikumar, R.Selva Natheya, V.B.Nithish, S.Ranjithkumar	"Regenerative EBicycle". Design IPR	Apr 2024	Filed
78.	413413-001	Mrs. K.C.Rajarajeshwari, AP/ECE Mrs. N. Nithiyameenatchi , AP/ECE Mrs. L. Gowrijayasree , AP/ECE Mrs. S. Sivaranjani , AP/ECE Ms.S. Dharani , AP/ECE Mr.M.Sivakumar , AP/IT Mr.K.R. Gokul Anand, AP(SS)/ECE	Smart Robotics Using IOT and ML Techniques	Apr 2024	Filed
79.	6372291	Dr. Umamaheswari Krishnasami , AP(SG)/EEE.	Power Transformer System	Apr 2024	Filed
80.	202441027728	Dr. M. Selvakumar Dr. T. Ramkumar Dr. M. Jayaraj	Caryota Fiber composite material and method for manufacturing the same	April 2024	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
		Mr. M. Thirunavukkarasu Dr. V.K. Sudha Dr. K. Hariharan Dr. K. Saranya Mr. M. Mahendran Dr. R. Vishnu Ramesh Kumar			
81.	411700-001	Mr.S.Nachimuthu	Circular Type Solar Cooker	Mar 2024	Filed
82.	411350-001	Ms. S. R. Indurekaa ,AP/AIDS Dr. N. Suba Rani ,ASP/CSE Dr. A. Nobel Mary Juliet ,ASP/CSE Mr. M. Arun ,AP(SS)/AIDS	Location Detector	Mar 2024	Filed
83.	411690-001	Dr. Umamaheswari Krishnasami, AP(SG)/EEE.	Audiovisual Teaching practice	Mar 2024	Filed
84.	410029-001	Ms.V. Shanmugaveni,AP/CSE Ms.M. Bhagavathi Priya,AP/VLSI Ms.M. Prasannablessy,AP/CSE Ms.M. Jotheeswari,AP/CSE Ms.M. Vijaya kumar,AP/CSE	Machine learning based device cyber Security data analytic device	Mar 2024	Filed
85.	409869-001	Dr. S. Ponni Alias Sathya, ASP,IT Dr. S.K. Ashok , AP (SG),Mech Dr. L. Meenachi , ASP& HoD-IT Mrs. N. Sumathi ,AP(SS),CSE Mrs. G. Saranya , AP,IT Mrs. K. Saranya , AP,IT Mrs. P. Rajeswari, AP,IT	Portable Solar And Electric Powered Charger For Electronic Device	Mar 2024	Filed
86.	409666-001	Mr.P.E. Kamalakkannan, AP(SS)/EEE Dr. B. Vinothkumar,Prof./EEE Dr.M.Kaliamoorthy,Prof./EEE	Contactless Thermal Scanning System for Security	Mar 2024	Filed

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
87.	202441022006	Mr. S. Dineshkumar Mr. N. Natarajan Mr. S. Syed Masoodhu Mr. A. Praveen Kumar Ms. S. Sharmila Mr. A. Manikandan Mr. C. Radhakrishnan Mr. R. Vishnu Ramesh Kumar Mr. S. Anthony Jesudurai	Automobile brake pad from e-waste & bio-waste	Mar 2024	Published
88.	202441018914	Mr.J.Dineshkumar	Natural Fiber composites with improved impact resistance and Method Thereof	Mar 2024	Published
89.	202441015209	Mr.J.Dineshkumar	Making of Bio compactable composites using novel Magnetron sputtering method	Mar 2024	Published
90.	202441024249	Mr. N. Shanmugasundaram Dr. M. Jayaraj Mr. S. Gnanakumar Mr. S. V. Gurupranes Mr. K. Vijayakannan Mr. M. Padmanaban Mr. J. Dinesh Kumar Dr. Rama Thirunurugan Mr. S. Nachimuthu	Environmentally Friendly Switch Boards Using Natural Fiber Reinforced Polymer Composites And The Met	Mar 2024	Published
91.	202441022030	Mrs. D. Nivetha , Dr. B. Poorani , Mrs.R.Vidhya (AP) / English / MCET	Analysis of how English Training is important for school in Government school Tamilnadu	Mar 2024	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
92.	202441014825	Dr. Rama Thirumurgan Dr. S. Madhusudhanan Dr. D. Nathan Dr. S. Ayyappan Mr. M. Padmanaban Mr. M Sasikumar Mr. K. Vijayakannan Mr. S. Naveen Kumar Mr.. M. Jayaraj Mr. Gnanakumar	Horizontal Rocker-Arm Hand-Pump	Mar 2024	Published
93.	409572-001	Mr. K. Sasikumar, AP /Mech	Multifunctional wheelchair	Mar 2024	Filed
94.	202441014796	Dr. D. Nathan Dr. Rama Thirumurugan Mr. K. Sasikumar Mr. M. Gideon Ganesh Dr. S. Ayyappan Mr. R. Gunasekaran Mr. J. Venkatesh Mr. Sreejith S. Nair Mr. N. Bala Murali	Device For Rolling In / Out Hose From Deep Borewell	Mar 2024	Filed
95.	202441004476 AIDS	Dr.T .Selvakumar , Prof./Auto	A Cutting-Edge New Method For Digital Marketing With AI, Blockchain, and IOT”	Feb 2024	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
96.	6346711	Mr.J.Dineshkumar, AP/Mech	Lifting Vehicle Assembly	Feb 2024	Filed
97.	202341078810 A	M. Rajalakshmi Assistant Professor , AI&DS	“Intelligent Traffic Management System For Smart Cities Using IOT And ML Technologies”, IPO, 05 JAN 2024& Utility Patent	Feb 2024	Published
98.	408298-001	Dr.L. Senthil Kumar, AP(SG),Maths Ms.B. Maheswari, AP,Maths Ms.N. Punitha,AP,Maths Ms.S. Chitra,AP,Maths Dept of S&H	Electric Paper Punching Machine	Feb 2024	Filed
99.	407664-001	Mr.T.Sathesh Kumar AP(SS)/EEE	IoT based photovoltaic cell Testing Device	Feb 2024	Filed
100.	408916-001	Mrs. S. Suthaviji	Device to perform analysis of polymer concrete	Feb 2024	Filed
101.	406562-001	Ms.Geetha Rajakumari R,AP/AIDS Ms.Kiruthikka D.C,AP/AIDS Ms.Rajalakshmi.M,AP/AIDS Mr.Vishnuprasath A,AP/AIDS Mr.Vijayakumar T,AP/AIDS Mr.Nandhini S,AP/AIDS	Machine to detect textile fabric Defect	Feb 2024	Filed

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
102.	407522-001	Mr.Prabhu, AP/IT Ms.Sathiyapriya, AP/ECE	IoT And Cloud Based Camera For Healthcare Surveillance	Feb 2024	Filed
103.	202441011928	Mr.R.Karthick, Ap(SS)/CSE	Enhancing visual perception for the blind through faster R-CNN	Feb 2024	Published
104.	202341076448	Ms.G.Gayathri Mr. K. Prabhu Mr.S.SenthilPrabhu Faculty members of CSE	“Iot And Artificial Intelligence Based Smart Indoor Tracking System To Track Multiple Objects Within A Smart Home Using Data Mining And Machine Learning Algorithms”,	Feb 2024	Published
105.	202341083917A	Mr. K. Prabhu Assistant Professor (SS), CSE	“Artificial Intellectual Based Automatic Fire Detection System Using Sensor, Computer Vision And Deep Learning Algorithms”	Feb 2024	Published
106.	404156-001	Ms. Arunadevi Velusamy, AP(SS) Ms. Rajalakshmi Kalimuthu, AP(SS) AP/ English Dept of S&H	Wireless Mouse	Jan 2024	Filed
107.	404176-001	Dr. Natarajan Narayanan, Prof /civil	Flowability Testing Apparatus for Controlled Low Strength Materials	Jan 2024	Filed

S.No	ApplicationNo.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
108.	402215-001	Mr. V.D.Tamilarasan, AP(SS)/Auto	Roll cage for electric off-road vehicle	Dec 2023	Filed
109.	400788-001	Mr. J.Dinesh Kumar/Mech	Rooftop Wind Turbine With Conical Tunnel	Dec 2023	Filed
110.	202341073238	B.Maheswari, R.Nishanthi, AP /Mathamatics	Knowledge based python algorithm model to provide a general framework for constructing pentapartitioned fuzzy and neutrosophic closed sets with its extension in topological space along with an unconventional approach towards machine learning.	Dec 2023	Published
111.	400790-001	Dr. G. AnupriyaASP/CSE Ms. C. Jayashree,AP(SS)/CSE Dr. M.L. Valarmathi,Prof/CSE Dr. J. Bhavithra,AP(SG)/CSE Ms. M. Gomathi,AP/CSE Ms. G.Deepa,AP/CSE Ms. A. Jayalakshmi,AP/CSE	Portable Image and Text Recognizing Device	Dec 2023	Filed
112.	202341059710	Ms. G. Uma Maheshwari, AP	Gsm-based automation in a new shopping system designed for the elderly and those with disabilities	Dec 2023	Published
113.	400196-001	Mr.M.Dhamodharan , AP/Auto	Intelligent Assistive Robot For Elderly Care People	Nov 23	Filed

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
114.	6329036	Ms.K.Rajalakshmi ,AP (SS)/English	Agricultural Drone for Crop Health Monitoring	Nov 23	Filed
115.	398075-001	Dr. J. Thimmia Raja ,AP(SS)/IT	Foldable Keyboard	Oct 2023	Filed
116.	398074-001	Dr. J. Thimmia Raja ,AP(SS)/IT	Three-Wheeled Electric Vehicle	Oct 2023	Filed
117.	398076-001	Dr. J. Thimmia Raja ,AP(SS)/IT	Food and Beverage Serving Trolley	Oct 2023	Filed
118.	397431-001	Dr. K. Murali,Prof./Civil Mrs. S. Suthaviji, AP/Civil Dr. M. Mariappan,ASP/Civil Mr. M. Sudharsanan,AP/Civil Dr. K.Srinivasan,AP(SS) Dept. of Civil	Water Absorption Test Apparatus	Oct 2023	Filed
119.	202341059798	Mr.N.Dhamodharan, AP/Auto Mr.R.B.Rajeshkumar, AP /Auto	A Control System Using IOT for Electric Vehicles Management	Sep 2023	Published
120.	394374-001	Ms.Uma Maheswari /CSE	Industrial Robot For Checking Product Quality	Sep 2023	Filed

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
121.	395318-001	Dr.B.Kishore, ASP /EEE	Wireless Monitoring system for mine safety	Sep 2023	Filed
122.	394906-001	Mr.C.Devipriya ,AP(SS)/CSE Mr.V.Eswaramurthy ,AP(SS)/CSE	Automatic Seed Sowing Robot	Sep 2023	Filed
123.	202341059794	K Sakthi Vadivel,	Internal Combustion Engine Using Alternative Fuel Injection System and Method Thereof	Sep 2023	Published
124.	202341065484	J. Bhavithra, Ms.S.C.Lavanya, Mr.T.Kanagasabapathy, Ms.C.Devipriya, Ms.B.Suganya, Mr.P.Boopathi Rajan, Ms.S.Devilavanya, Ms.J.Santhiya,	Development and Implementation of a Smart Transportation Management System Based on IOT and the Cloud	Sep 2023	Published
125.	394424-001	Dr.M.Jayaraj / Mech Dr.N.Shanmuga Sundaram/ Mech Mr.K.Vijayakkannan/ Mech Mr. S. V .Gurupranes/ Mech Mr. S. Gnanakumar/ Mech Dr.Rama Thirumurugan / Mech	Coconut Deshelling Machine	Sep 2023	Filed
126.	202341057341	Mr.R. Vishnu Ramesh Kumar/ AP (Auto)	Natural fibers composites for construction and automotive industries	Sep 2023	Published
127.	202241013149	Mr.R.Muthu Bharathi, Mr. J.Sentilkumar, L.Chitra, Ms. V Karpagam, Mr N Santhosh	Solar Based Portable Juice Maker	Sep 2023	Published

S.No	ApplicationNo.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
128.	202341041876A	Mr.Gokul Anand K R , Ap(SS)/ECE	Quad-Renk Boya Makine	Sep 2023	Published
129.	20234103790	K.Radha /CSE	Building An Effective E-Commerce Fraud Detection Model Using Computer Ai And Data Mining Techniques	Aug 2023	Published
130.	20231104649A	Dr.P.Vivekanandan / AIML	Method for improving machine learning model performance with generative adversarial network	Aug 2023	Published
131.	202341057342	S.Mahalingam	A system for providing security and privacy in 5g wireless networks and detecting threats providing countermeasures, and cryptographic protocols	Aug 2023	Published
132.	202341037908	K.Radha	Building an effective e-commerce fraud detection model using computer ai and data mining techniques	Aug 2023	Published
133.	202341052802	T.Vijayakumar , AP/AIDS	Gripper Block For Coiled Tubing Injector with Variable Tubing Size Capability for moving Elongated Objects	Aug 2023	Published
134.	392313-001	Dr. K. Murali/Civil Dr. K. Srinivasan/Civil Mr. M. Sudharsanan/Civil	De-fluoridating unit for groundwater remediation	Aug 2023	Filed
135.	202341052055	Ms. S.Esther Nowroji /AIDS	Blockchain And Cloud Computing Based Criminal Digital Forensic Investigation And Prediction Using Artificial Intelligence and Machine Learning Algorithm	Aug 2023	Published

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136.	202341039226 A	Dr.V.Lakshmi Narayanan /ECE Dr.K.Rameshkumar /ECE P. Kathirvel/EIE N.Shanmuga sundaram, M.Jayaraj , K.Vijayakkannan	Artificial Intelligence in Medical Decision Support System	Jul 2023	Published
137.	202341044356	Dr.K.Umamaheswari	A system and method for battery management and green energy storage	Jul 2023	Published
138.	202311046496	Dr.P.Vivekanandan, Prof/AI & ML	Method for Improving machine learning model performance with generative adversarial networks	Jul 2023	Published
139.	202341046834	Dr.P.Vivekanandan, Prof/AI & ML Ms.M.Bagavathi Priya ,AP/AI & ML Ms.V.Shanmugaveni, AP/Cys Mr.M.Sakthivadivel, AP/Cys	Programmable Smart Kitchen Container	Jul 2023	Published
140.	202341042928	Dr. M.Selvakumar Dr. M.Thirunavukk arasu	An Arrangement for Detecting Surface defects of Engine Piston During Production Casting and Method Thereof	Jun 2023	Published
141.	202321054566	Mr. M. Prabhu Raj, AP /EEE	Photovoltaic-Powered Dc Borewell With High-Step-Up Dc-Dc Converter	Jun 2023	Published
142.	202341042928	Dr.M.Selvakumar /Auto	An Arrangement for detecting Surface defects Engine position and method Thereof	Jun 2023	Published

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2022-2023					
143.	202341028555	Dr.A.Noble Mary Juliet /CSE	A System and Apparatus of Marine Robotics to Deep-Sea Specimen for underwater Manipulative actions	May 2023	Published
144.	385639-001	Dr. S Ramakrishnan, Dean R&I Dr. Ponni Alias Sathya , ASP/IT Dr. S.K.AshokAP(SG)/Auto Ms. D. Jananim, AP /IT Ms. N. Sumathi AP(SS) /CSE	Household Grinding Machine	May 2023	Filed
145.	385939-001	Mrs.P.Selvanayaki , AP /IT	Fruits Quality Monitoring And Adulteration Detection Device	May 2023	Filed
146.	386250-001	Dr. K. Umamaheswari,AP(SG)/EEE.	Solar power EV charging system	May 2023	Filed
147.	383996-001	Dr.M.Balakrishnan /AIDS Dr. J.Ramprasath /IT Dr.A.S.Muthanantha Murugavel/IT Dr.A.B.Arockia Christopher/IT	Face Mask and Sanitizer Dispensing Unit	May 2023	Filed
148.	202341026490	Ms. T.Sathiyapriya /ECE	Automatic oil filling device for temple DIYAS	Apr 2023	Published
149.	202341028555	Dr. A. Noble Mary Juliet /CSE	A system and apparatus of marine robotics to deep-sea specimen for underwater	Apr 2023	Published

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			Manipulative actions		
150.	202341019979	Mrs. Kiruthikka.D.C, Mrs. Nandhini.S, Dept of AI & DS	Earthquake Early Prediction And Warning System In Smart Cities Based On Deep Learning And IOT	Mar 2023	Published
151.	202241015522	Mr. Anthony Jesudurai S/EEE	A System For Power Transmission Tower Through Internet Of Things	Mar 2023	Published
152.	380828-001	Dr.M.Kaliamoorthy, Prof /EEE	Dual Switch Coupled Inductor Converter	Mar 2023	Filed
153.	202341007827	Dr.L.Chitra / EEE	Solar powered robotic vehicle for heavy metal ions detection in water employing machine vision	Mar 2023	Published
154.	202241015522	Dr.S.Anthony Jesudurai/EEE	A System for Power Transmission Tower through Internet of Things	Mar 2023	Published
155.	382119-001	Dr Kishore B, AP(SG)/EEE	Agriculture Robot For Sowing Seeds	Mar 2023	Filed
156.	382619-001	Dr.A.P.Janani, AP/IT	Smart Phone Charger	Mar 2023	Filed
157.	380824-001	Dr. J. Thimmia Raja, / IT Dr.A.S.Muthunantha Murugavel /IT	Currency Note Counting Machine	Mar 2023	Filed
158.	202241061596	Dr K Rameshkumar,/EEE	Automated Electrical Venturi Injector for Drip Irrigation in Agriculture with Embedded Features	Mar 2023	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
159.	202241056679	Dr. B.Saravanakumar & Dr. J. Johnson William	Samarium MOF Incorporated Polyaniline Nano composite as an Efficient Electrode for Super capacitor Applications.	Feb 2023	Published
160.	378817-001	Dr.Kishore BProf./EEE	IOT Streetlight Controller Device	Feb 2023	Filed
161.	379888-001	Dr. J. Thimmia Raja ,AP(SS)/IT	Iot Based Smoke and Heat Detector	Feb 2023	Filed
162.	202341008631	Dr.R.Ramesh/S&H	Develop a Trusted Blockchain Auction platform with preferred pricing Recommendations using Machine learning	Feb 2023	Published
163.	379605-001	Dr.K.Rameshkumar , AP(SG)/EEE	Personal Assistant Robot	Feb 2023	Filed
164.	202341008631	Ms.G.Deepa /CSE	Develop a Trusted Blockchain Auction Platform with Preferred Pricing Recommendations using Machine learning	Feb 2023	Published
165.	202341004015	Mr.M.Vijayakumar Ms.M.Bhagavathipriya, Ms.G.Gayathri,Dept of AI&DS	A Multifunctional Shopping Tramcar	Jan 2023	Published
166.	397190-001	Dr.M.Thirunavukkarasu, ASP /Auto	Artificial Intelligence based Pest capturing agricultural machine	Jan 2023	Filed
167.	202241056622	Mr.J.Nagarajan/EEE	A Deep Convolutional Neural Network System For Lithium -Ion Battery	Oct 2022	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
168.	202241044746 A	Dr.S.Ramakrishnan, Dr.A.S.Muthunantha Murugavel, Dr.L.Meenachi, Dr.S.Ponni alias sathya, Dr.S.Nithya, Ms.S.Soundariya, Ms.S.Priya Varshini, Dept. of IT	Wireless wearable bio-medical device for detecting brain and heart disorder in non-clinical environment	Aug 2022	Published
169.	202241046378 A	B. Saravanakumar, J. Johnson William, Dept. of S&H	Hierarchically porous MN-MOFS composite with RGO as an efficient electrode material for super capacitor application	Aug 2022	Published
170.	2020102000	Dr.C.Kalamani /ECE	Low radiation wearable Microstrip antennas for embedded skin patch applications	Aug 2022	Published
171.	368818-001	Dr.M.Kaliamoorthy/EEE	Brushless DC Motor for Electric vehicle	Aug 2022	Filed
172.	202241046374 A	Dr.B. Saravanakumar, Dr. J. Johnson William, Dept. of S&H	Two dimensional CR2C MXENE decorated with COFE2O4 nanoparticles for high performance super capacitor application	Aug 2022	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
173.	202221024377	Dr. M. Pandi /CSE	Machine learning based hybrid module for predicting the crop yield depending on climatic and soil conditions	Jul 2022	Published
2021-2022					
174.	202221001808	Dr. M. Pandi /CSE	Deep learning techniques to assess the network security aspects	May 2022	Published
175.	202241023296	Dr. N. Natarajan, Prof/civil Dr. L. Senthil Kumar ,AP(SG)/Maths Ms. C. Devipriya, AP(SS)/CSE	Multi-Purpose Detangling Device with Liquid Dispenser	May 2022	Published
176.	202241025898	Dr. N. Senthil Madasamy/CSE	IOT based smart surgery management system for hospitals	May 2022	Published
177.	202241023295 A	B. Saravanakumar, J. Johnson William, Dept. of S&H	Synthesis of amine functionalized metal organic framework using H2FIPBB ligand for energy storage applications	May 2022	Published
178.	202241013316 A	Dr.D.Shanmugam Mr.K.R.Ranjith Dept. of Automobile	A natural fibre based composite and a process to obtain the same	April 2022	Published
179.	202241017800	Mr.P.Kathirvel, Dr.K.Vijayakumar Dr.K.Rameshkumar /EEE Mr.P.E.Kamalakkannan, Mr.T.Gowtham, Mrs.V.Karpagam Mr.A.Venkatesh, Mr.G.Karthikeyan, Dept. of EIE	Detection of beetles in coconut grove	April 2022	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
180.	202241017796	G.Anandhi /IT	Touchless ATM utilizing mobile phones with instant pin number generation	April 2022	Published
181.	202241025599	Mr.Anthony Jesudurai S/EEE	A data processing device for based on IOT	Mar 2022	Published
182.	202041039231	Dr.B. Saravanakumar ASP/S&H	Zinc oxide/carbon nanocomposite process of preparation and application thereof.	Mar 2022	Published
183.	202241007240	A.P.Janani /IT	System and method for generating cyber security analytics for enterprise data using threat based artificial intelligence	Mar 2022	Published
184.	202241008807	Dr. K. Srinivasan Mr. P.S. Sathish Kumar Mrs. Latha Chinnaswamy Mr. A. Manikandan Dept. of Civil	Performance study of coconut shell aggregate concrete with bamboo reinforcement	Mar 2022	Published
185.	202241003802 A	Dr.D.Shanmugam, Dr.S.K.Ashok, Dept. of Automobile	Real time monitoring of vibration and automation of milling machine using IOT enabled embedded system	Feb 2022	Published
186.	202241007338	Mr. Senthil Kumar Dineshkumar, Dr. Narayanan Natarajan, Mr. Muthusamy Mohanrasath Ms. Sivalingam Sharmila Dr. Thangavel Sakthivel Mrs. Shanmugavadivel Suthaviji, Dept. of Civil	Adjustable multipurpose storage basket for the refrigerator	Feb 2022	Published

S.No	ApplicationNo.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
187.	202141061248A	Mr. Samuel Swamidoss MK / Mech	Wireless Sensor Network for Long-term Environmental Checking for Internet of Things Application	Jan 2022	Published
188.	353645-001	Mr.A.Venkatesh /EIE	Electric scooter for handicapped	Jan 2022	Published
189.	202141053774	Mrs. K. Saranya / EEE	PNH-device: IOT-based ICU patient notification and health monitoring device	Dec 2021	Published
190.	202141053716	Dr. T. Ayyappan, Dr.A.Hemalatha, N. V. N. Ravali, Dr. K. Srinivasan/Civil, Ms.R.Anuja /Civil, Mrs.S.Rameshwari, Mr.M.Sudharsanan /Civil, Mr. K Hareesh, Dr.S.Robert Ravi, Dr. C. Selin Ravi Kumar	Experimental studies on banana fibre with concrete composites	Dec 2021	Published
191.	202141054387	Dr.K.Rameshkumar /EEE	Development of robotics hand fingers using worm and wheel mechanism	Dec 2021	Published

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192.	202141057852	Dr. Sudha V.K S. Sugunavathy Parthiban. D Dr. S. Bharathi Dept. of ECE	Wearable textile antenna	Dec 2021	Published
193.	202141043312 A	Dr.N.Suba Rani/AI & DS, Dr.A.Noble Mary Juliet, Dr.M.L.Valarmathi, Dr.N.Senthil madasamy, Dr.N.Gobi, Dr.J.Bhavithra, Dr.M.Pandi Dept. of CSE	Coconut sorting machine and an artificial intelligence based method for evaluating the quality of coconuts	Nov 2021	Published
194.	353413-001	Dr.K Rameshkumar, AP(SG) /EEE	A Multipurpose Solar Taillight For Bicycle	Nov 2021	Filed
195.	202141049829A	Mr. T.Sathesh Kumar /EEE	Deep learning based fault detection electrical distribution network	Nov 2021	Published
196.	202141045081	Dr. N.Gobi /CSE	Mechanical movement based extra lower door step in bus for easy access designed for elderly people	Nov 2021	Published
197.	350142-001	Dr. L.Chitra /EEE	Ergonomic of child seat in electric tri-scooter	Oct 2021	Published
198.	202141041223	T.Sathesh Kumar /EEE	Artificial intelligence based smart powering technique using solar tracking system	Oct 2021	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
199.	348928-001	Dr.Kishore B Prof./EEE	A supporter for portable terminal	Sept 2021	Filed
200.	202141036613	Dr.K.Rameshkumar /EEE	AI based anti-theft detection in two wheelers	Aug 2021	Published
201.	202041006012	Dr. Rama. Thirumurugan, Prof&HOD /Mech, Dr. S.Madhusudhanan,AP(SG)/Mech Dr. K. Hariharan,ASP/Mech	Handheld Weed Plucker	Aug 2021	Published
202.	202141029313	Dr. A Noble Mary Juliet / CSE	An AI-assisted, liquid-based universal focal length adjustable eyeglasses	Jul 2021	Published
203.	2021102752	Janani, A. P/IT	Integrated intelligence resource and security management system for cloud data centers	June 2021	Filed
204.	202141026200	Dr.N.Yogambal Jayalakshmi, Dr.T.Vinoth Kumar, Dr. K. Umamaheswari, Dept. of EEE	Real time based IOT enabled smart metering system	Jul 2021	Published
205.	202141027057 A	Mr.P.Kathirvel, Dr.K.Vijayakumar, Mr.L.Jayaraman, M.Ganeshan/MCT Dr.K.Rameshkumar/EEE Mr.Maideen Abdhulkader Jeylani/ECE Dept. of EIE	Smart pharma drug locator	Jul 2021	Published

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206.	202141031413	T. Sathiyapriya, Mr.V. Gurunathan, Mr. A. Shafeek Dept. of ECE	Mechanical movement based extra lower door step in bus for easy access designed for elderly people	Jul 2021	Published
207.	202141021319A	Dr.M.Selvakumar, Dr.M.Thirunavukkarasu, Dept. of Auto	Cost effective convergence mechanism for self-regulating molding	Jun 2021	Published
208.	202141031207	Dr.B.Kishore /EEE	IOT enabled convenient digital spectrophotometer to investigate engine oil and impurities level in real time practice	Jun 2021	Published
209.	202141020600	Mr.K. Sasikumar , AP-Mech Dr. K. Hariharan, ASP-Mech Dr. T. Ramkumar, ASP-Mech Dr. M. Selvakumar, Prof. _Auto	Pugh matrix based decision making for the bore well rescue method and system thereof	Jun 2021	Published
2020-2021					
210.	202141019750	J.Nagarajan /EEE	Machine learning-based image processing system to analyse human skin quality	May 2021	Published
211.	202141021703	Dr.K.Rameshkumar, Dr.A.Senthil Kumar, Dr.M.Kaliamoorthy, Mr. P. Kathirvel, Dept. of EEE	Model predictive current control of single-phase 9-level reduced switch multilevel inverter	May 2021	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
212.	202141021319	Dr.B.Kishore /EEE	Cost effective congruence mechanism for self-regulating molding machine using IOT and signal processing	May 2021	Published
213.	2021101893	Dr.N.Yogambal Jayalakshmi /EEE	Design of hybrid drone with IOT based smart battery management system	April 2021	Published
214.	202141016329	Dr.M.Selvakumar, Prof /Auto Dr.M.Thirunavukkarasu, ASP /Auto Mr.R.Vishnu Ramesh Kumar,AP(SS) /Auto Dr.T.Ram Kumar, ASP /Mech Dr.B.Kishore , ASP /EEE	Self-charging bi-cycle with solar panel	April 2021	Published
215.	202141011242A	Dr.M.Thirunavukkarasu /Auto	Advanced IAQ control system and alcohol detector for commercial vehicles	Mar 2021	Published
216.	202141008887	Dr.M.Selvakumar, /Auto	Areca nut harvesting machinery with pesticide sprayer	Mar 2021	Published
217.	202141010521	Dr.N.Yogambal Jayalakshmi /EEE	Portable IOT based hybrid power generator for commercial purpose	Mar 2021	Published
218.	202111012231	Dr.N.Yogambal Jayalakshmi /EEE	AI based hybrid leg wheel track ground mobile robot	Mar 2021	Published
219.	202141010226 A	Dr.M.Balakrishnan /AI & DS Dr.A.B.Arockia Christopher, Mr.J.Ramprasad, Mr.N.Praveen Sundra Kumar, Dept. of IT	A fault diagnosis system and rectification method for uniform power generation in solar power plants	Mar 2021	Published
220.	202141002420	Dr.K.N.Vijeyakumar /ECE Dr.A.Rathinavelu /CSE	IOT based multi-user smart system for reliable water supply	Jan 2021	Published

S.No	Application No.	Name of the Inventors & Department	Title of the Patent	Month & Year of Publication	Status
221.	2020103913	Dr.Karthick Jayaram/Auto	Method of synthesizing hybrid composite metal with natural ceramic and joining thereof	Jan 2021	Published
222.	202041053245A	R. Menaha /IT	A hybrid model for finding abbreviation definition pairs from biomedical abstracts and definitions of acronym from web	Dec 2020	Published
223.	202041042045	Dr.Karthick Jayaram /Auto	Ecofriendly 3D printing element	Oct 2020	Published
224.	202031027960	Dr.N.Senthil Madasamy, Dr. M.Pandi Mr.K.Srinivasan, Dept. of CSE	System on chip to trans-receive multiple frequency communication	Sep 2020	Published
225.	202041034060	Dr. M.Pandi, Dr.S.Veeramani, Dr.N.Senthil Madasamy, Dept. of CSE	Hybrid response and traffic control algorithm (HRTC) based congestion detection and control techniques in denser IOT networks	Sep 2020	Published
226.	202041033177	Dr.Karthick Jayaram /Auto	Method for manufacturing fem by combined FRP & metal thereof	Aug 2020	Published
227.	202041026204 A	Dr.Karthick Jayaram /Auto	Healing aided bio-mask	Jul 2020	Published
2019-2020					

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228.	201841040122 A	Dr.I.Rajendran, Dr. Rama Thirumurugan, Mr. N. Santhosh, Mr. K. Prabu, Mr. C. Selvasenthil Prabhu, Dept. of Mechanical	Fail-safe mechanical latching system for three-way tippers	May 2020	Published
229.	201841040121	Dr. Rama Thirumurugan, Prof.& HoD /Mech Dr. R. Gnanaguru, ASP-Mech Mr. S. Gnanakumar, AP/Mech Mr. T. Vigneshkumar, AP/Mech	Induction Water Heater	May 2020	Published
230.	201841040120	Dr. Rama. Thirumurugan Prof & HOD /Mech, Mr. M. Padmanaban, AP(SS)/Mech Mr. Sreejith S. Nair, AP(SS)/Mech	Flour Extruder	May 2020	Published
231.	202041007470 A	Dr.K.N.Vijeyakumar, Dr.R.Sudhakar, Dr.Vinoth Kumar /EEE Ms.Kalaiselvi , Dept. of ECE	Switching device	April 2020	Published
232.	202041007646 A	Dr.K.Mohaideen AbdulKadhar, /ECE, Mr.L.Gowtham	An interactive assistive device system for visually impaired people	IPO, Chennai	April 2020
233.	202041000403	Dr. M Pandi, Dr. N Senthil Madasamy, Dr.T.Sivakumar, Dr.S.Veeramani, Mr.K.Srinivasan, Mr.P.Boopathirajan, Dept. of CSE	An application program interface for gene expression data clustering	Mar 2020	Published

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234.	202041006184	Dr.M.Balakrishnan /AI&DS Dr.A.B.Arockia Christopher /IT	Systematic model for constant water quality monitoring using IOT	Feb 2020	Published
235.	201941019359	Dr.S.Ramakrishnan Dr.P.SathiyamurthiDept. of IT	A system for speech cryptography and mutual authentication using generated neuro-chaotic random numbers	May 2019	Published
236.	201941019354	Dr.M.Selvakumar,Prof /Auto	Titanium-titanium boride composite as a biomaterial for hip, and knee implants	May 2019	Published
237.	201841023877	Dr. Sudhakar Radhakrishnan, Prof. Head /ECE	Virtual friend for Elderly/differently abled	Sep 2018	Published

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2024-2025					
1.	LD-20866/2025-CO	Sam Suresh .J, AP/EEE	Design and Analysis of Monopole antenna for wireless Patient Monitoring Applications	23/05/2025	Waiting
2.	LD-20865/2025-CO	Sam Suresh .J, AP/EEE Soundarya .G – AP/ECE	Design and Analysis of Dipole Antenna for RFID Readers	23/05/2025	Waiting
3.	L-163555/2025	Sam Suresh .J, AP/EEE Soundarya .G – AP/ECE	Design and Analysis of Micropstrip patch Antenna for Wi-Fi Applications	15/04/2025	Registered

4.	L-163650/2025	Sam Suresh .J, AP/EEE Soundarya .G – AP/ECE	Design and Analysis of Proximity Coupled Antenna for 5G Cellular Networks	17/04/2025	Registered
5.	L-160034/2025	Ms.S.C.Lavanya - AP (SS) – CSE Mr.P.Boopathi Rajan AP (SS) – CSE Dr.A.Noble Mary Juliet - ASP – CSE Ms.B.Suganya - AP (SS) - CSE	Workbook on "Introduction to Big Data"	Jan - 2025	Registered
6.	2867/2025- CO/L	Mr.R.Govindaraj AP - IT	Full stack webdev road map	Jan - 2025	Filed
7.	2866/2025- CO/L	Mr.R.Govindaraj AP - IT	Python masterclass zero to hero	Jan - 2025	Filed
8.	38458/2024- CO/L	Ms.S.Kokilamani ,AP/ECE Dr.S.Bharathi,ASP/ECE	23EAL301–Electronic Circuits Laboratory Manual	Dec 2024	Filed
9.	L-158295-2024	Mr.L.Hubert Tony Raj AP – EEE Dr.M.Kaliamoorthy - Prof – EEE Dr.K.Uma Maheswari - AP(SG) – EEE Mr.K.Manikandan - AP – EEE Dr.T.Anand Kumar - AP (SS) - EEE	Elementary experiments on electronics using Python and tinkercad	Dec 2024	Registered
10.	L-157098/2024	S.Sathyapriya, , AP/MCA	Newness of Mobile Application	Nov 2024	Registered
11.	35970/2024- CO/L	Sam Suresh .J, AP/EEE	Design and Analysis of Micropstrip patch Antenna for Wi-Fi Applications	Nov 2024	Filed
12.	35971 / 2024 - CO / L	Sam Suresh .J, AP/EEE	Design and Analysis of Proximity Coupled Antenna for 5G Cellular Networks	Nov 2024	Filed
13.	31208/2024- CO/L	Ms.R.Sherine Jenny Ms.N.Sugirtham Mr.K.R.Gokulanand	Digital System Design Lab manual	Oct 2024	Filed
14.	1222072	Mr.J.Dinesh Kumar	mechanism for segmented valve and fuel injection for IC engines	Sept 2024	Registered
15.	4206/2024-C0/L	D Calvin Sophistus King, Dean IRTD	ICE cube model	Aug 2024	Registered

2023-2024					
16.	27379/2023-CO/L	Dr. Ramakrishnan-S Dean RI- Professor - IT	Research and Innovation Process Handbook of Dr.Mahalingam College of Engineering and Technology	October 2023	Registered
17.	-	Ms.S.C.Lavanya, AP (SS)/CSE	Workbook on introduction to Big Data	Feb 2024	Filed
2022-2023 Nil					
2021-2022 Nil					
2020-2021 Nil					
2019-2020					
18.	L 82720/2019	Ms.S.C.Lavanya Ms.C.Devipriya AP/CSE	C programming work book and study material (Copy Right)	May 2019	Registered