

Dr. Mahalingam College of Engineering and Technology, Pollachi-642 003

(An Autonomous Institution)

Office of Dean Research & Innovation

IPR Summary Details

S.No	Department wise Status - June_24 to May_25 (AY: 2024 -2025)															
	IPR		MECH	AUTO	CIVIL	ECE	EEE	VLSI	CSE	AIDS	AIML	CYS	IT	MCA	S&H	Total
1	Utility	Granted	2										1			3
		Filed/Pub.	8	2	0	3	2		2	3	2	0	3	2	2	29
2	Design	Granted	5	4	3	6	1		7		1	2	4	1	5	39
		Filed	15	3	4	5	0		4	0	2	1	3	1	4	42
3	Copyright	Reg.	0				3					1		1		5
		Filed	0			1	1	1					1			4
IPR Filed Summary			23	5	4	9	3	1	6	3	4	1	7	3	6	75
`IPR Grant Summary			7	4	3	6	4	0	7	0	1	3	5	2	5	47
Total			30	9	7	15	7	1	13	3	5	4	12	5	11	122

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LIST OF GRANTED UTILITY PATENT

JUN-2024 to MAY-2025				Total Numbers: 03	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted F- Filed P - Published DCI - Date of Certificate Issue
1	201841040121	Dr.I.Rajendran Dr. Rama Thirumurugan Dr. R. Gnanaguru Mr. S. Gnanakumar Mr. T. Vigneshkumar	Prof.& HoD /Mech Prof & Mech ASP-Mech AP/Mech AP/Mech	Induction Water Heater	07/06/2024 (DCI) 01/05/2020 (P) 24/10/2018 (F)
2	201841040122	Dr.I.Rajendran Dr. Rama Thirumurugan Mr. N. Santhosh Mr. K. Prabu Mr. C. Selvasenthil Prabhu	Prof.& HoD /Mech Prof.&Mech AP/Mech AP/Mech AP/Mech	Fail-safe mechanical latching system for three-way tippers	18/07/2024 (DCI) 01/05/2020 (P) 24/10/2018 (F)
3	202141010226	Dr.M.Balakrishnan Dr.A.B.Arockia Christopher Dr.J.Ramprasath Mr.N.Praveen Sundra Kumar	MCET Faculty - Relieved MCET Faculty - Relieved ASP - IT AP (SS) - IT	A fault diagnosis system and rectification method for uniform power generation in solar power plants	24/03/2025 (DCI) 19/03/2021 (P) 11/03/2021 (F)

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LIST OF FILED/PUBLISHED UTILITY PATENT

JUN-2024 to MAY-2025				Total Numbers: 29	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
1	202441048334	Dr.S.Ramakrishnan Mr. N. Praveen sundra kumar Ms. D. Janani Ms. S. Soundariya	Prof.& Dean RI_IT AP(SS) - IT AP - IT AP - IT	Temperature Controlled Smart Water Dispenser For Solar Water Heater	05/07/2024 (P) 24/06/2024 (F)
2	202441052328	A.Shafeek V.Gurunathan R.Sudhakar C.Moorthy T.Sathiyapriya S.Thilagavathi	AP - ECE AP - ECE Prof - ECE AP - ECE AP - ECE AP - ECE	Electric Vehicle Theft Monitoring	19/07/2024 (P) 09/07/2024 (F)
3	202441053577	Ms. S.Yamunadevi Ms.Rini Angeline Vinshia J Ms.P.Jessie Mr.M.Sivakumar Ms.M.Kavitha Ms. R.Binisha	AP - AIML AP - CY AP - AIML AP - IT AP - AIML AP - CSE	A machine learning based gradient boosting regression approach for wind power production forecasting	02/08/2024 (P) 13/07/2024 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
4	202441057183	Ms.Gayathri G Mr. Prabhu K Mr. Senthil Prabhu S	AP - CSE AP (SS) - CSE AP (SS) - CSE	Internet-Connected Home Micro-Agriculture System	02/08/2024 (P) 27/07/2024 (F)
5	202441057969	Mr.M.Arun Mr.M.Vishnuprasath	AP (SS) - AIDS AP - AIDS	Eco-Friendly Solutions For Mitigating Ozone Depletion And Reducing Cfc Emissions Using AI	09/08/2024 (P) 31/07/2024 (F)
6	202441058974	Dr.R.Muthusami Dr.S.Raja Rajeswari	AP(SG)& HEAD /MCA AP(SS) - MCA	Automated Detection Of Rotten Tomatoes	09/08/2024 (P) 05/08/2024 (F)
7	202441059971	Mr.J.Dinesh Kumar	AP -MECH	A Smart Natural Fiber Composite With Self-Healing Capabilities And Method Thereof	16/08/2024 (P) 08/08/2024 (F)
8	202441080456	Mr.J.Venkatesh	AP -MECH	An innovative time management system for increased productivity	25/10/2024 (P) 22/10/2024 (F)
9	202441082999	Mr.J.Dineshkumar	AP -MECH	An Alternative Fuel Assisted control system for internal combustion engine and Method Thereof	08/11/2024 (P) 30/10/2024 (F)
10	202441063728 (Applicant Name: Dr. MCET)	Ms.S.Thilagavathi Ms.T.Sathiyapriya Dr. R.Sudhakar V. Gurunathan A.Shafeek C.Moorthy	AP - ECE AP - ECE ASP - EEE AP - ECE AP - ECE AP - ECE	Vice Activated Smart Wearable Device for Women Safety using Machine Learning	06/12/2024 (P) 23/08/2024 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
11	202544004338	Ms.M.Rubha Dr.R.Muthusami	AP - MCA ASP & HOD - MCA	Smart system for Agricultural Renaissance (SAR)	31/01/2025 (P) 20/01/2025 (F)
12	202341046834	Dr.P.Vivekanandan Guru Dharsan T Mrs.V.Shanmugaveni Ms.M.Bhagavathi Priya Mr.M.Sakthivadivel	Prof & Head - AIML Student AP - CYS AP - VLSI AP (SS) - CYS	Programmable smart kitchen container	24/01/2025 (P) 14/01/2025 (F)
13	202541008997	Dr. S. Gokulkumar Dr. K. Manickaraj Dr. S. V. Gurupranes Dr.M.Sivakumar Dr. L. Prabhu Mr. J. P. Manjunath Mr. M. Ragul Kumar Mr.J.Joshua	External External AP - MECH External External External External External	Bio-material-based air filtration system	14/02/2025 (P) 04/02/2025 (F)
14	202541009288 (Applicant: Dr. MCET)	Ms. P. Vanjipriya Dr. S. Raja Rajeshwari Mr. N.S Madhumohan Mr. K.A. Sreeram Mr. C.N. Balmurali Ms. Nivetha R P Ms. Boomika P Ms. Janavi T	AP - ECE AP(SS) - MCA Student of ECE Student of ECE Student of ECE Student of MCA Student of MCA Student of MCA	Driver drowsiness detection system and method thereof	14/02/2025 (P) 04/02/2025 (F)
15	202541009299 (Applicant: Dr. MCET)	Mr. Sreejith S Nair Dr. Rama Thirumurugan Dr. M. Jayaraj Mr. R. Dharaneesh Mr. A. Rajiv Sanjai Mr. V. Suthirkumar	AP(SS) - MECH Prof & Head - MECH AP(SG) - MECH Student of Mech Student of Mech Student of Mech	Suspension Based Air Compressor System	14/02/2025 (P) 04/02/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
16	202541009314 (Applicant: Dr. MCET)	Mr. K. S. Mithun Kumar Mr. S. Yaswanth Mr. D. Gokulakrishnan Ms.S. Pavithra Ms. J Lathika Ms. K Navinaa Dr. M. Selvakumar Mr. M. Mahendran Mr. V D Tamilarasan	Student of Auto Student of Auto Student of Auto Student of CSE Student of CSE Student of AIML Prof - AUTO (R) AP(SS) - AUTO AP - AUTO	Aeroponics-Integrated Hydroponics Agriculture System with IoT and AI- Based Automation	14/02/2025 (P) 05/02/2025 (F)
17	202541010686 (Applicant: Dr. MCET)	Dr. M. Selvakumar Mr. M. Mahendran Mr. Saran N Mr. Mehulkrishna M Mr. Elladurai S	Prof - AUTO (R) AP(SS) - AUTO Student of Auto Student of Auto Student of Auto	Portable Forklift System with Integrated Weighing Mechanism for Material Handling	14/02/2025 (P) 08/02/2025 (F)
18	202541017281	Dr. S. Gokulkumar Dr. S. V. Gurupranes Dr. K. Manickaraj Dr.Jayanna Kanchikere Dr. L. Prabhu Mr. A. Manmathan Mr. H. Mohamed Asrin Ms. K. Namburigha	External AP - MECH External External External External External External	Development of roll cage for cars	07/03/2025 (P) 27/02/2025 (F)
19	202541021193	Mohanraj Uthayakumar J M. Nivethini S.Gayathri S.Shanmugapriya Vinodhini B	External External External AP - CSE External External	Harnessing Quantum Mechanics for Accurate Molecular Interaction Simulations in Drug Development	21/03/2025 (P) 09/03/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
20	202541023105	Mohanraj Uma Maheswari P Dr. K.Vijaya Kumar Dr.Y.Sameena P.Rajeswari Ms. Athira B J.Manoj Prabhakar	External External External External AP - IT External External	Entangled Qubits Transform Traditional Learning Methods Into Intelligent Adaptive Systems	28/03/2025 (P) 14/03/2025 (F)
21	202541024146	B Padmapriya K.Saranya Dr. K. Sridar Prabhu R D.Diana Julie T. Sanmathi V. Vijey Nathan T.L.Vijayakumar B.Devi T Prabu Dr. S.Mohan	External External External AP - IT External External External External External External	Measuring player tendency with artificial intelligence approach through gesture recognition	28/03/2025 (P) 18/03/2025 (F)
22	202541024891	Dr. Thummala Venkatamuni Dr. P. Saravana Kumar Mr. J. Dinesh Kumar Mr. Kurmana Premakumar Dr. Sekar K Siva M R. Ashok Gandhi	External External AP - MECH External External External External	Wind Turbine Blade System Utilizing Hemp and Flax Fiber Composites for Enhanced Sustainability and Performance	28/03/2025 (P) 19/03/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
23	202541026310	Manoharan K Dr. Veera Vanitha D Dr. Senthil Kumar L Ms. Chitra S Dr. Manish Jain Mr. Karthick Myilvahanan J	External External AP (SG) - S&H AP - S&H External External	Skin Cancer detection using Generative AI	28/03/2025 (P) 22/03/2025 (F)
24	202541033187	Dr.S.Nithya Ms.D.C.Kiruthikka Ms.M.Masilamani Ms.R.Anitha Ms.N.Sathya	ASP - AIDS AP - AIDS AP - AIDS AP - AIDS AP - AIDS	AI-Augmented Modular Robotic System for Dynamic Surface Maintenance and Infrastructure Monitoring	02/05/2025 (P) 04/04/2025 (F)
25	202541034581	Dr. Karthikeyan Thangavel Dr. Ashkar Mohammed. M Dr. Baiju Karun Divya Shree R H Rajesh Mishra Preethi R D. Gnanaprakasam Dr. T. Arunkumar Dr Vishnu Kiran Manam T Jayachandra Reddy Dr Vivek Bhatnagar Mr. V.S. Jagadhish	External External External External External External AP/EEE External External External External External	Machine Learning Applications for Precision Biomarkers and Tailored Therapy in Advanced Lung Cancer	09/05/2025 (P) 08/04/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
26	202521040412	Jitendra Shrivastav Nadikatla Chandrasekhar Dr. C. L. Monica Mrs. S. Kathirvizhi Dr. K. Akila Dr. Sanjeev Kumar Sharma D. Gnanaprakasam Dr.S.Subhalakshmi Mrs.G.Devayani Dr.Kusuma Rajasekhar Dr.Prabakaran Paranthaman Mrs. R. Madhumitha	External External External External External External AP/ EEE External External External External 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)
27	202541047069	Dr. N.B. Mahesh Kumar Dr. J. Premkumar Dr. J. Sivakumar Dr. K. Umapathi Ms M. Masilamani	External External External External AP - AIDS	Modular Solar Bioconversion Unit for Underused Vegetables	30/05/2025 (P) 15/05/2025 (F)
28	202541050041	Johnknox T Dr. C. Sudhakar Dr. B. Bala Vijaya Priya Deeksha Kamath Dr. I. Jane Austen Dr. P. Jayakumar Annie Vimala D Dr Lourdes Antoinette Shalini Sivaranjani Selladurai Kalaiselvi Ramu Dr. X. Disalva Ms. Sindhu. R	External External S&H - English External External External External External External External External External	System and Method for Enhancing Real-Time Conversational Fluency Using Ai Chatbots for Listening Practice	30/05/2025 (P) 24/05/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
29	202541042709 (Dr. MCET)	Dr. D. Nathan Mr. U. S. Abhinith Mr. S. Muhammed Aathil Ms. Jayanthi Nivasan	ASP - MECH Student of Mech Student of Mech Student of Mech	ADAPTIVE BIKE PROSTHETIC ANKLE CONTROLLED BY EEG SIGNALS	30/05/2025 (P) 02/05/2025 (F)

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LIST OF GRANTED DESIGN PATENT

JUN-2024 to MAY-2025				Total Numbers: 39	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
1	402215-001	Mr. V.D.Tamilarasan Dr. D.Shanmugam Thanikarivelan A Anton Andrick F Mugantha JP Sam Ben Lazaru SB	AP - AUTO Prof. & HoD - AUTO Student of Auto (UG) Student of Auto (UG) Student of Auto (UG) Student of Auto (UG)	Roll cage for electric off-road vehicle	07/06/2024
2	413565-001	Mr K Sasikumar	AP - MECH	Versatile Combination Spanner	13/06/2024
3	415929-001	Ms.S.Selvanayaki Dr.A.P.Janani Ms.S.Deepa Ms.T.Sumathi	AP - IT ASP - IT AP - IT AP (SS) - IT	Deep Learning Integrated Object Recognition Device	04/07/2024
4	413413-001	Mrs. K.C.Rajarajeshwari Mrs. N. Nithiyameenatchi Mrs. L. Gowrijayasree Mrs. S. Sivaranjani Ms.S. Dharani Mr.M.Sivakumar Mr.K.R. Gokul Anand	AP- ECE AP- ECE AP- ECE AP- ECE AP- ECE AP- IT AP(SS) - ECE	Smart Robotics Using IOT and ML Techniques	04/07/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
5	418474-001	Mr. psrb Shashank Mrs J Maria Shanthi Mr. M. Vignesh Mr. Nithyakumar Dr. Prashant Sunagar V. Saganya	External External AP - ECE AP - ECE External External	An IOT Based Intelligent Shopping Cart	18/07/2024
6	419906-001	Dr.S.Bharathi Mr.K.R.Gokul Anand Mrs.R.Sherine Jenny Mrs. N.Sugirtham Dr. R.Sudhakar Dr. B.Kannapiran	ASP -ECE AP(SS) - ECE AP(SS) - ECE AP(SS) - ECE Prof.Head - ECE Prof.Head - IQAC	Stapler	24/07/2024
7	416477-001	M. Sakthivadivel Dr. P. Vivekanandan Anamika Maurya Dr. M. Shanmugathai Dr. S. Perumal Dr. Surendra Chandrakant Herkal Nirmala Bai KS Dr TN Anitha	AP (SS) - CYS Prof & Head - CYS External External External External External External	Walking stick for visually impaired people/elderly people	02/08/2024
8	419413-001	Ms. K. Rajalakshmi Ms. V. Arunadevi Dr. B.BalaVijaya Priya Dr. R. Shivashankari Ms. R. Vilva viruksha	AP(SS) - ENGLISH AP(SS) - ENGLISH AP(SS) - ENGLISH AP- ENGLISH AP- TAMIL	Device for Error Detection in English Language Teaching	14/08/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
9	419905-001	Dr.S.Bharathi Mr.K.R.Gokul Anand Mrs.R.Sherine Jenny Mrs. N.Sugirtham Dr. R.Sudhakar Dr. B.Kannapiran	ASP -ECE AP(SS) - ECE AP(SS) - ECE AP(SS) - ECE Prof.Head - ECE Prof.Head - IQAC	Stapler	27/08/2024
10	423775-001	Dr. KG Nithesh Mrs. Savitha DC Mr. Sreejith S Nair Mr. Rahul NU Mr. Stalin Durai Mr. Avinash Kumar R	External External AP(SS) - MECH External External External	Compact Heat Exchanger with Enhanced Thermal Efficiency	29/08/2024
11	423439-001	Ms. K S. Sudhishna Ms. A G. Priya Varshini Dr. S.Ramakrishnan Dr. M. Jayaraj Ms. P. Kalaivani Mr. R. Govindaraj Ms. G. Keerthika	AP - IT AP(SS) - IT Dean RI AP(SS) - MECH AP - IT AP - IT AP - IT	Fabric Pleat Ironing Device	02/09/2024
12	422859-001	Dr.S. Sathyasundari Dr.T.Senthilnathan Mrs .T. Chella ramya Dr. N. Venkatesa palanichamy Mrs.S.vasantharani Mrs.R.vidhya Ms. Ancy Mariya Dr. V.kannan	External External External External External AP - ENGLISH External External	Device for Error Detection in English Language Teaching	06/09/2024

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13	424953-001	Anil Kewat Kavitha M R. Jayapandi Ms.J.Santhiya Ms.M.Gomathi Ms.S.Devilavanya	External External External AP - CSE AP - CSE AP - CSE	Smart Food Quality Analyzer	06/09/2024
14	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	Prof & Head - CSE Prof - CSE ASP - CSE ASP - CSE ASP - CSE AP (SG) - CSE	IOT Based Electric Vehicle Energy Consumption Predicting Device	12/09/2024
15	424954-001	Ms.V.Arunadevi Dr.R.Bhuvaneswari Dr.B.Balavijaya Priya Ms.K.Rajalakshmi Dr. R. Shivashankari	AP(SS) - ENGLISH AP(SS) - ENGLISH AP(SS) - ENGLISH AP(SS) - ENGLISH AP(SS) - ENGLISH	English Pronunciation Training Device	12/09/2024
16	426674-001	Ms.K. Radha Ms.S. Devilavanya Ms.Santhiya J Ar Arunarani Gbsr Naidu P.M.K.Prasad Dr. G. Saravanan Dr. R. Anand	AP(SS) - CSE AP -CSE AP -CSE External External External External External	Artificial Intelligence Based Cloud Security Detecting Device	25/09/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
17	424207-001	Dr. Umamageswari R N. Chitra Prakash Dr. Lal Kumar Chandel Dr. Raja Pandey Dr. Sheenu Bhadaurla Dilbag Singh Mondloe Hitesh Kumar	External AP - Chemistry External External External External External	Battery Management system for solar power	26/09/2024
18	428699-001	Ms. G Uma Maheshwari Dr. R. Jayaraj Mr. B Saravanan Mr. P. Karthikeyan Ms. S. Preena Jacinth Shalom Dr. C. M. Nalayini	AP - CSE External External External External External	Block chain based medical data storage cloud device	01/10/2024
19	424277-001	Dr. Sakthitharan Subramanian Mr. Sakthivel Shanmugam Mr. Karthik Shanmugham Mr. Divakaran Jayaprakash	External External External AP(SS) - ECE	IOT Based Solar Powered Agriculature robot	22/10/2024
20	428698-001	Dr. D. Arulanantham Mr. Gobinath S Ms. Radha K Dr. K. Tamilarasi Dr. S. Sugumaran Mr. V. Venkatesh	External External AP (SS)- CSE External External External	AI Based Network Intrusion Detecting Device	24/10/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
21	429123-001	Dr.Natarajan Dr. M.Jayaraj John Irudaya Raj James Ganesh Kumar Anandaraj Surya Kumar Ramkumar Mr.S.Dineshkumar Mr.S.Syed Masoodhu Ms.S.Sharmila	Prof. - CIVIL AP(SG) - MECH External External External AP - CIVIL AP - CIVIL AP - CIVIL	Ecobin for water tank	04/11/2024
22	430529-001	Mrs.S.Suthaviji	AP - CIVIL	Device based on pneumatic system for manufacturing of bio concrete	23/11/2024
23	432207-001	Mr.K.Prabhu Mr.T.Kanagasabapathy Ms.A.Jayalakshmi Mr.S.Senthil Prabhu Ms.G.Gayathri Mr.D.Manojkumar	AP (SS) - CSE AP (SS) - CSE AP- CSE AP (SS) - CSE AP- CSE AP- CSE	Artificial Intelligence Based Cervical Cancer Screening Device	07/11/2024
24	430020-001	Dr. S. Ponni Alias Sathya Dr. S. K. Ashok Mr. T. Vijayakumar	ASP - IT AP(SG) - AUTO AP - AIML	Internet of things based device to measure weight and calorie of food Items	13/11/2024
25	432166-001	Ms. N. Punitha Ms. B. Maheswari R. Nishanthi Dr. S. Senthil J. Padma Priya Dr. Paladugu Venkata Ramana Priya Nanwani	AP - MATHS AP - MATHS AP - MATHS External External External External	Processing Apparatus for Advanced Mathematical Computation	28/11/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
26	431344-001	Sanish VS Dr. Jayesh N Modi Dr. Ankita Tyagi Dr. Sarika S Dr. Praveen RVS Sreekala R Ms. Gomathi M	External External External External External External AP - CSE	Smart Cyber Security Analytic Device	28/11/2024
27	431810-001	Mr. S.Mahalingam Dr. K. Dhivya Dr. Shrish Bajpai Dr. Divya Sharma Dr. Prashant Sunagar Mr. Venkatesh	AP-AUTO External External External External External	Radio Frequency Power Amplifier Device	29/11/2024
28	431663-001	Mr. N. Arunachalam Dr. D. Prasanna Dr. N. Pannirselvam Dr. N. Bharatha Devi Ms.Mithuna R A.N.Vinodhini R. Premkumar Dr. Kaliluthin AK	External External External External AP - AIML External External External	Smart WIFI LED Ceiling Light	02/12/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
29	431367-001	Mr.V.D.Tamilarasan Dr. D.Shanmugam Mr. R.Vishnu Ramesh Kumar Mr. M. Mahendran Mr.M.Ponmurugan Mr. S.Mahalingam Mr. Bavithran K Mr. Pughalarasan	AP(SS) - AUTO Prof. & HoD - AUTO AP(SS) - AUTO AP(SS) - AUTO AP(SS) - AUTO AP - AUTO Student of Mech (UG) Student of Auto (UG)	Electric All Terrain Vehicle Roll Cage	04/12/2024
30	431368-001	Mr.V.D.Tamilarasan Dr. D.Shanmugam Mr.M.Ponmurugan Mr.R.B.Rajeshkumar Mr.N.Dhamodharan Dr.K.Sakthi vadivel Mr. Bavithran K Mr. Pughalarasan	AP- AUTO Prof. & HoD - AUTO AP(SS) - AUTO AP - AUTO AP- AUTO AP (SG) - AUTO Student of Mech (UG) Student of Auto (UG)	Adjustable Misalignment Control Arm Heim Joint	11/12/2024
31	429908-001	Mr. S.Nachimuthu Dr. Balamurali Dr. S.V. Gurupranes Dr. A. Tajdeen Mr. J. Nagarajan Mr. M. Lohit Mr. R.S. Sharveshwaran	External AP -MECH AP -MECH External AP - EEE Student of Mech Student of Mech	Integrated tea maker and Bread toaster device	13/12/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
32	434986-001	Mr. N. Karthikeyan Dr. G. Madhu Sudana Reddy Dhivakar Poosapadi Dr. Dharmendra Kumar Mr. J. Dinesh Kumar Mr. B. Athiban Jude Mr. T. Vignesh	External External External External AP -MECH External External	Split casting high speed pump	13/12/2024
33	432524-001	Ms. Jeslin Benita Ponnarasi	AP - CYS	Device for attack detection in Digital forensics	23/12/2024
34	422509-001	Dr. M.Jayaraj Mr. V. Manoj Mohan Prasath M r. R .Venkatraman D r.N.Shanmuga Sundaram Mr.K.Vijayakkannan Mr. K.Gokulnath Mr. T. Vignesh	AP(SG) - MECH External External AP(SG) - MECH AP(SS) - MECH External External	Double Vacuum Blower for Cleaning Coir Pit Blocks	27/12/2024
35	426413-001	Govind Sourabh Dr.Natarajan Muthusamy Mohanaprasath Mangottiri Vasudevan Mr.S.Dineshkumar Mr.S.Syed Masoodhu Ms.S.Sharmila	External Prof. - CIVIL External External AP - CIVIL AP (SS) - CIVIL AP - CIVIL	Outdoor Air Purifier	10/3/2025
36	442250-001	Ms.K.C.Theepika Dr.S.Raja Rajeswari Dr.K.Karthika Ms.S.B.V.Agalya Ms.S.Divya Vahini Ms.B.Yesodhai Ms.M.Rubha	AP/MCA AP/MCA External External AP/MCA AP/MCA AP/MCA	AI Based Medical Device for Detection of Skin Disease	17/3/2025

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
37	443261-001	Mr.M.Srinivasan Ms.M.Karthika Mrs.Rajarajeshwari K.C Mrs.K.Divya Mrs.G M. Mythili Mrs.U.Sasikala Mr. S.Ganapathy Mr.Anish Antony	External External AP - ECE External External External External External	Machine Learning Based Wireless Network security hub	3/4/2025
38	6430834 (UK Patent)	Balasubramaniam Jayaram Dr. Raviteja kocherla Mr. Manickam Prabhu raj Dr. Henry John Bosco Mickle Dr. Mukesh Kumar Dr. Thiyagarajan	External External AP - EEE External External External	AI – Enabled Robotic Machine for Business Automation	03/04/2025
39	447009-001	Ms.T.Sumathi Dr.A.P.Janani Mr.T.Kanagasabapathy Ms.S.Selvanayaki Ms.S.Deepa	AP (SS) - IT ASP - IT AP (SS) -AI & DS AP - IT AP - IT	AI Based Real Time Detection Device of Cardiovascular Diseases	01/05/2025

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LIST OF FILED DESIGN PATENT

JUN-2024 to MAY-2025				Total Numbers: 42	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
1	419413-001	Ms. K. Rajalakshmi Ms. V. Arunadevi Dr. B.BalaVijaya Priya Dr. R. Shivashankari Ms. R. Vilva viruksha	AP(SS)/English AP(SS)/English AP(SS)/English AP/English AP/Tamil	Device for Error Detection in English Language Teaching	08/06/2024
2	412200-001	Mr.K.Sasikumar N.Manoj K.Sanjay S.Vibineshwaran	AP - MECH Student of Mech Student of Mech Student of Mech	Multifunctional Solar Based Drone	08/06/2024
3	412199-001	Mr. K. Sasikumar	AP - MECH	Regenerative E-Bicycle	08/06/2024
4	411693-001	Dr.S.Ayyappan	ASP - MECH	Pyrolysis Reactor	08/06/2024
5	411682-001	Dr.S.Ayyappan	ASP - MECH	Multi-Core Pin Coupling	13/06/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
6	419906-001	Dr.S.Bharathi Mr.K.R.Gokul Anand Mrs.R.Sherine Jenny Mrs. N.Sugirtham Dr. R.Sudhakar Dr. B.Kannapiran	ASP/ECE AP(SS)/ECE AP(SS)/ECE AP(SS)/ECE Prof.Head / ECE Prof.Head /IQAC	Stapler -Class 1	13/06/2024
7	419905-001	Dr.S.Bharathi Mr.K.R.Gokul Anand Mrs.R.Sherine Jenny Mrs. N.Sugirtham Dr. R.Sudhakar Dr. B.Kannapiran	ASP/ECE AP(SS)/ECE AP(SS)/ECE AP(SS)/ECE Prof.Head / ECE Prof.Head /IQAC	Stapler -Class 2	13/06/2024
8	422509-001	Dr. M.Jayaraj Mr. V. Manoj Mohan Prasath M r. R .Venkatraman D r.N.Shanmuga Sundaram Mr.K.Vijayakkannan Mr. K.Gokulnath Mr. T. Vignesh	AP(SG) - MECH External External AP(SG) - MECH AP(SS) - MECH External External	Double Vacuum Blower for Cleaning Coir Pit Blocks	06/07/2024
9	422859-001	Mrs.R.Vidhya	AP - ENGLISH	Device to monitor students Attention during class	11/07/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
10	423404-001	Syed Masoodhu Syed Meeran Adarsh Viswanathan Hari Hara Subramanian Dineshkumar Senthil Kumar Natarajan Narayanan Sharmila Sivalingam Vasudevan Mangottiri	AP(SS) - CIVIL External AP(SS) - CIVIL ASP - CIVIL AP - CIVIL External	Arrow-shaped multi-purpose green building complex	17/07/2024
11	423439-001	Ms. K S. Sudhishna Ms. A G. Priya Varshini Dr. S.Ramakrishnan Dr. M. Jayaraj Ms. P. Kalaivani Mr. R. Govindaraj Ms. G. Keerthika	AP - IT AP(SS) - IT Dean RI AP(SG) - MECH AP - IT AP - IT AP - IT	Fabric Pleat Ironing Device	17/07/2024
12	423775-001	Mr. Sreejith S Nair	AP(SS) - MECH	Compact heat exchanger with Enhanced thermal efficiency	19/07/2024
13	424228-001	Dr. Gurupranes SV Mr. Bharathsanjai K Mr. Raja Suriya B Mr. Nachimuthu S Dr. Balamurali N Dr.S.Madhusudhanan	AP - MECH Student of Mech Student of Mech AP - MECH AP - MECH AP (SG) - MECH	Pristine Wave	22/07/2024
14	424277-001	Mr. Divakaran Jayaprakash	AP(SS) - ECE	IoT based Smart Trolley for LPG Gas Monitoring	23/07/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
15	424953-001	Ms.J.Santhiya Ms.M.Gomathi Ms.S.Devilavanya	AP - CSE AP - CSE AP - CSE	Smart Food Quality Analyzer	27/07/2024
16	424954-001	Ms.V.Arunadevi Dr.R.Bhuvaneswari Dr.B.Balavijaya Priya Ms.K.Rajalakshmi Dr. R. Shivashankari	AP(SS) - ENGLISH AP(SS) - ENGLISH AP(SS) - ENGLISH AP(SS) - ENGLISH AP(SS) - ENGLISH	English Pronunciation Training Device	27/07/2024
17	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	ASP - CSE ASP - CSE AP(SG) - CSE AP - CSE AP - CSE AP - CSE	IOT Based Electric Vehicle Energy Consumption Predicting Device	05/08/2024
18	426413-001	Dr. N. Natarajan Mr.S.Syed Masoodhu Ms.S.Sharmila Mr.S.Dineshkumar	Prof - CIVIL AP(SS) - CIVIL AP - CIVIL AP - CIVIL	Outdoor air purifier	10/08/2024
19	426674-001	Ms.K. Radha Ms.S. Devilavanya Ms.Santhiya J AP	AP(SS) - CSE AP -CSE AP -CSE	Artificial Intelligence Based Cloud Security Detecting Device	13/08/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
20	427429-001	Mr.M.Gideon Ganesh Mr.K. Sasi Kumar Mr.S.Naveen Kumar Dr.N.Shanmuga Sundaram	AP(SS) - MECH AP - MECH AP - MECH AP(SG) - MECH	Onion Planting Machine	19/08/2024
21	428333-001	Mr.K. Sasi Kumar	AP - MECH	Staircase-climbing suitcase	27/08/2024
22	428699-001	Ms. G Uma Maheshwari Dr. R. Jayaraj Mr. B Saravanan Mr. P. Karthikeyan Ms. S. Preena Jacinth Shalom Dr. C. M. Nalayini	AP - CSE External External External External External	Block chain based medical data storage cloud device	29/08/2024
23	429147-001	Mr.J.Dinesh Kumar	AP - MECH	A Smart Natural Fiber Composite With Self-Healing Capabilities And Method Thereof	03/09/2024
24	429157-001	Mr.R.Gunasekaran	AP - MECH	Design of solar powered hybrid agriculture machine	03/09/2024
25	429147-001	Mr.J.Venkatesh	AP - MECH	Parabolic Trough Solar Energy concentrator	03/09/2024
26	429123-001	Dr.Natarajan, Mr.S.Dineshkumar Mr.S.Syed Masoodhu Ms.S.Sharmila Dr. M. Jayaraj	Prof. - CIVIL AP - CIVIL AP - CIVIL AP - CIVIL AP(SG) - MECH	Ecobin for water tank	03/09/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
27	430020-001	Dr. S. Ponni Alias Sathya Dr. S. K. Ashok Mr. T. Vijayakumar	ASP - IT AP(SG) - AUTO AP - AIDS	IOT based Smart plate to detect weight and calorie of the food	10/09/2024
28	429908-001	Mr. S.Nachimuthu Dr. Balamurali Dr. S.V. Gurupranes Mr. J. Nagarajan Mr. M. Lohit Mr. R.S. Sharveshwaran	AP -MECH AP -MECH AP -MECH AP - EEE Student of Mech Student of Mech	Integrated tea maker and Bread toaster device	10/09/2024
29	430529-001	Mrs.S.Suthaviji	AP - CIVIL	Device based on pneumatic system for manufacturing of bio concrete	14/09/2024
30	431344-001	Ms.M.Gomathi	AP - CSE	AI based Cyber security analytic device	23/09/2024
31	431367-001	Mr.V.D.Tamilarasan	AP - AUTO	Electric All -Terrain Vehicle Roll Cage	23/09/2024
32	431368-001	Mr.V.D.Tamilarasan	AP - AUTO	Adjustable Misalignment Control Arm Heim Joint	23/09/2024
33	431663-001	Ms.Mithuna	AP - AIML	Smart WIFI LED Ceiling Light	25/09/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
34	431810-001	Mr. S.Mahalingam	AP - AUTO	Radio Frequency Power Amplifier Device	26/09/2024
35	432166-001	Ms.B.Maheswari Ms.N.Punitha Ms.Nishanthi	AP - MATHS AP - MATHS AP - MATHS	Processing Apparatus for Advanced Mathematical Computation	28/09/2024
36	434986-001	Mr.J.Dinesh Kumar	AP - MECH	A Novel Split Casing high performance Pump.	21/10/2024
37	438697-001	Dr. Rama thirumurugan Mr. R.S. Sharveshwaran Dr. D. Nathan Dr. N. Shanmuga Sundaram Mr. M. Lohit Dr. D. Shanmugam Dr. M. Jayaraj	Prof & Head - MECH Student of Mech ASP -MECH AP (SG) - MECH Student of Mech Prof & Head - AUTO AP (SG) - MECH	Mobile Case Amplifier	28/11/2024
38	442250-001	Ms.K.C.Theepika Dr.S.Raja Rajeswari Dr.K.Karthika Ms.S.B.V.Agalya Ms.S.Divya Vahini Ms.B.Yesodhai Ms.M.Rubha	AP/MCA AP/MCA External External AP/MCA AP/MCA AP/MCA	AI Based Medical Device for Detection of Skin Disease	27/12/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
39	443261-001	Mr.M.Srinivasan Ms.M.Karthika Mrs.Rajarajeshwari K.C Mrs.K.Divya Mrs.G M. Mythili Mrs.U.Sasikala Mr. S.Ganapathy Mr.Anish Antony	External External AP - ECE External External External External External	Machine Learning Based Wireless Network security hub	6/1/2025
40	447009-001	Ms.T.Sumathi Dr.A.P.Janani Mr.T.Kanagasabapathy Ms.S.Selvanayaki Ms.S.Deepa	AP (SS) - IT ASP - IT AP (SS) - CSE AP - IT AP - IT	AI Based Real Time Detection Device of Cardiovascular Diseases	5/2/2025
41	449207-001	Mr.K.kanniyarsu Ms.Yamunadevi Mr.S.Saravana Kumar Ms. J.Rini Angeline Vinshia Ms.Saranya Ms. Jeslin Benita Ponnarasi	AP - AIML AP - AIML AP -CYS AP -CYS AP -CYS AP -CYS	AI based advanced e-vehicle testing unit	25/02/2025
42	449744-001	Dr. M. Karthik Dr. R. Deepalakshmi Mrs.G. Hemalatha Mrs. L. Sreevidya Ms S.Abiramasundari	External External External External AP - ECE	AI driven Solar PV and Electric Vehicle power distribution framework	27/02/2025

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JUN-2024 to MAY-2025				Total Numbers: 05	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Date, Month & Year of Registration
1	L-157098/2024	Mrs. Sathiyapriya	AP - MCA	Newness of Mobile Application	21/11/2024
2	L-158295/2024	Mr.L.Hubert Tony Raj Dr.M.Kaliamoorthy Dr.K.Uma Maheswari Mr.K.Manikandan Dr.T.Anand Kumar	AP - EEE Prof - EEE AP(SG) - EEE AP - EEE AP (SS) - EEE	Elementary experiments on electronics using python and tinkercad	12/12/2024
3	L-160034/2025	Ms.S.C.Lavanya Mr.P.Boopathi Rajan Dr.A.Noble Mary Juliet Ms.B.Suganya	AP (SS) - CSE AP (SS) - CSE ASP - CSE AP (SS) - CSE	Workbook on "Introduction to Big Data"	28/01/2025
4	L-163555/2025	Sam Suresh .J Soundarya .G	AP - EEE AP - ECE	Design and Analysis of Micropstrip patch Antenna for Wi-Fi Applications	15/04/2025
5	L-163650/2025	Sam Suresh .J Soundarya .G	AP - EEE AP - ECE	Design and Analysis of Proximity Coupled Antenna for 5G Cellular Networks	17/04/2025

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JUN-2024 to MAY-2025				Total Numbers: 04	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Date, Month & Year of Filed
1	31208/2024-CO/L	Ms.R.Sherine Jenny Ms.N.Sugirtham Mr.K.R.Gokulanand	AP -ECE AP -ECE AP -ECE	Digital System Design Lab manual	20/10/2024
2	35970/2024-CO/L	Sam Suresh .J	AP - EEE	Design and Analysis of Microstrip patch Antenna for Wi-Fi Applications	20/11/2024
	35971/2024 - CO/L			Design and Analysis of Proximity Coupled Antenna for 5G Cellular Networks	20/11/2024
3	2866/2025-CO/L	Mr.R.Govindaraj	AP - IT	Python masterclass zero to hero	25/01/2025
	2867/2025-CO/L			Full stack webdev road map	25/01/2025
4	LD-20866/2025-CO	Sam Suresh .J	AP - VLSI	Design and Analysis of Monopole antenna for wireless Patient Monitoring Applications	23/05/2025
	LD-20865/2025-CO	Sam Suresh .J Soundarya .G	AP - VLSI AP - ECE	Design and Analysis of Dipole Antenna for RFID Readers	23/05/2025