

**KAMARAJ RESEARCH & DEVELOPMENT CELL – IPR CELL**

**LIST OF PATENTS**

S. NO	STAFF NAME	DEPARTMENT	PATENT NO /APPLICATION NO	DATE OF FILING	TITLE OF THE INNOVATION	INDIAN / INTERNATIONAL	SELF / INSTITUTIONAL PATENT	STATUS (PUBLISHED/AWARDED)	PUBLISHED ON DD/MM/Y	AWARDED ON DD/MM/Y
1	INNASI MUTHU GANESH MOORTHY, ANANT ACHARY	BT	318480	03/01/2014	AN ALKALINE PROTEASE ENZYME PURIFYING, RECOVERING APPARATUS AND PROCESS THEREOF	INDIAN	INSTITUTIONAL	GRANTED	7/29/2016	8/20/2019
2	RONALDO ANUF. A AND GANESH MOORTHY. I, SHYAM KUMAR. R	BT	355156	24/04/2017	EFFECTIVE BIOLOGICAL DELIGNIFICATION OF NOXIOUS LIGNOCELLULOSIC SUBSTRATE PROSOPIS JULIFLORA FOR BIOETHANOL PRODUCTION WITH NEWLY ISOLATED PAECILOMYCES SP. GARJ	INDIAN	INSTITUTIONAL	GRANTED	10/26/2018	01/01/2021
3	DR.K.SAKTHIRAJ	PHYSICS	377808	9/12/2020	A SIMPLE METHOD TO SYNTHESIZE CERIUM OXIDE NANOMATERIAL WITH ENHANCED ELECTROCHEMICAL PROPERTIES	INDIAN	SELF	GRANTED		24/09/2021
4	MR. D. VENDHAN	IT	2021107057	24/08/2021	NODE DISCOVERY MECHANISM FOR IOT CAPILLARY NETWORKS	INTERNATIONAL-AUS	SELF	GRANTED		17/11/2021
5	DR.A.RAJAVEL	EIE	2021102178	24/03/2021	CHALLENGE RESPONSE AUTHENTICATION MECHANISM WITH DYNAMIC QUESTIONS AGAINST BLIND ATTACKS FOR COGNITIVE IOT NETWORKS	INTERNATIONAL-AUS	SELF	GRANTED		02-06-2021

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6	MRS.P.SWATHIKA	CSE	2021100847		BLOCKCHAIN BASED MULTIPLE AUTHORITIES SIGNATURE MODEL FOR INDUSTRIAL IOT APPLICATIONS	INTERNATIONAL-AUS	SELF	GRANTED		07.04.2021
7	DR. D. PRINCE WINSTON, DR. S. KALYANI	EEE	201841019063	22/5/2018	A NOVEL METHOD FOR EARLY DETECTION OF POWER QUALITY DISTURBANCES USING ARDUINO	INDIAN	SELF	PUBLISHED	25-05-2018	
8	DR. D. PRINCE WINSTON	EEE	201841019065	22/5/2018	REDUCED LEG VOLTAGE MISMATCH METHOD FOR TEMPORARY OR PERMANENT FAULTED PV SYSTEMS	INDIAN	SELF	PUBLISHED	25-05-2018	
9	DR. D. PRINCE WINSTON, DR. S. KALYANI	EEE	201841019073	22/5/2018	COUPLE MATCHING AND CURRENT INJECTION BASED PV CIRCUIT FOR PARTIALLY SHADED PV SYSTEMS	INDIAN	SELF	GRANTED	25-05-2018	23-04.2024
10	DR. D. PRINCE WINSTON	EEE	201941022566	7/6/2019	FABRICATION OF MULTI JUNCTION BOX PV MODULES FOR POWER ENHANCEMENT DURING FAULTY CONDITIONS	INDIAN	SELF	PUBLISHED	14-06-2019	
11	DR. D. PRINCE WINSTON	EEE	202041010211	10/03/2020	SYSTEM AND METHOD TO GENERATE ELECTRIC POWER FROM PARKED ELECTRIC VEHICLES	INDIAN	SELF	PUBLISHED	24-04-2020	

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12	DR. D. PRINCE WINSTON	EEE	202041031036	21/7/2020	A CIRCUIT ARRANGEMENT AND A METHOD FOR GENERATING POWER USING SOLAR PV	INDIAN	SELF	PUBLISHED	04-09-2020	
13	DR. D. PRINCE WINSTON PRINCE WINSTON, DR. S. KALYANI	EEE	201841019064	22/5/2018	POWER ENHANCEMENT IN SOLAR PV SYSTEMS BY COCONUT COIR AND WASTE POLYETHYLENE BAGS	INDIAN	SELF	PUBLISHED	25-05-2018	
14	DR.A.MEENAKSHI	CSE	202141022119	17/05/2021	SOILLESS AGRICULTURAL MONITORING AND CONTROLLING BASED ON IOT	INDIAN	SELF	PUBLISHED	11.6.2021	
15	DR.N.M.MARY SINDHUJA	ECE	202141046662	13/10/21	COMPACT SPACE FILLING CURVE BASED RF MEMS PHASE SHIFTERS FOR 5G APPLICATIONS	INDIAN	SELF	PUBLISHED	31-12-2021	
16	MR.R.ASHOK & MR.R.RAJPRABU	ECE	202141061249	28/12/21	WIRELESS SENSOR NETWORK FOR LONG-TERM ENVIRONMENTAL CHECKING FOR INTERNET OF THINGS APPLICATION	INDIAN	SELF	PUBLISHED	14-01-2022	
17	MS. D. KAYATHRI DEVI	IT			DETECTION OF CYBER SECURITY THREATS USING AI	INDIAN	SELF	PUBLISHED	11-03-2022	
18	MRS.S.ATHILAKSHMI	CSE	202241019290	31/3/22	PLANT LEAF DISEASES DETECTION USING MACHINE LEARNING AND INTERNET OF THINGS	INDIAN	SELF	PUBLISHED	08-04-2022	

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19	DR.M.SUDALAIMANI MR.R.GANESHAN MR.K.GANESHAN MR.A.KARTHIKEYAN MR.S.JEGAN	EEE	20224101 6757	24/3/22	SMART PULSE METER WITH AUDIBLE READING FOR PATIENTS WITH VISUAL IMPAIRMENTS	INDIAN	SELF	PUBLISHED	08-04-2022	
20	Dr.K. KANNAN Dr. G. SAKTHIVEL	MTRE	20224102 4387	26-04-22	OIL RECOVERY SYSTEM FROM UNDERWEIGHT POUCHES	INDIAN	SELF	PUBLISHED	13-05-22	
21	DR. R. ARTHY, MS. V. DEEPA PRIYA, MS. V. DEEPA PRIYA, DR. P. SUBATHRA, DR. E. VAKAIMALAR, MR. D. VENDHAN, MR. C. RAJ KANNAN, MR. C. RAJ KANNAN	CSE	20224102 7029	10/05/2022	M-IOT, GPS BASED SMART TRAFFIC MANAGEMENT SYSTEM USING BLOCK CHAIN TECHNOLOGY	INDIAN	SELF	PUBLISHED	20/05/2022	
22	SUDALAIMANI, DR.S.GANDHI, DR.R.BASKARAM, DR.M.G.SRIBALA	PT	20224101 9849	01/04/2022	USAGE OF PET BOTTLE FILLED WITH ENVIRONMENTAL WASTE AS BRICKS FOR CONSTRUCTING WALL	INDIAN	SELF	PUBLISHED	22/04/2022	

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23	MS.V.SUTHAJEBAKUMARI	CSE	202041053804	10/12/2020	IOT BASED DESIGN FOR BRAIN TUMOR DETECTION AND ANALYSIS WITH ADVANCED IMAGING TECHNIQUES ON MRI IMAGES	INDIAN	SELF	PUBLISHED	22/01/2021	
24	Dr. A. RAJAVEL, Er. J. UMA MAHESWARI	EIE	202241022719	18/04/2022	THEFT AVOIDANCE AND AUTOMATION OF AUTOMOBILES USINGMYRIO	INDIAN	SELF	PUBLISHED	06/05/2022	
25	Dr.R.LAKSHMI, Mr.P.PONKARTHIKEYAN	CIVIL	202241028226	17/05/2022	ECO FRIENDLY TERNARY BLEND PAVER BLOCK USING RICE HUSK ASH, FLY ASH, AND FOUNDARY SAND	INDIAN	SELF	PUBLISHED	27/05/2022	
26	KARTHIKUMAR SANKAR, R.SHYAM KUMAR, I.GANESH MOORTHY, R.S.VISHUNU SHAGAR, R.AKASH, G.JANAKIRAMAN	CHE	202241026854	10/05/2022	A PROCESS OF IMPROVEMENT IN ACTIVITY RETENTION ANDCOLOR STABILITY OF C-PHYCOCYANIN DURING OHMIC HEA	INDIAN	SELF	PUBLISHED	17/11/2023	

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27	KARTHIKUMAR SANKAR, R.SHYAM KUMAR, T.GAYATHIRI, K.NANDHINI, M.RAGAMBIGAI, A.DHOSIJA	CHE	20224102 4952	28/04/2022	A METHOD FOR C-PHYCOCYANIN FORTIFIED DRIED AGAR AND GELATIN BASED HYDROCOLLOIDS AND THE PROCESS THERE	INDIAN	SELF	PUBLISHED	03/11/2023	
28	DR.B.PRABHU	MECH	20224102 7891	14/05/2022	SPEED BREAKER WITH MECHANIZED BARRICADE SYSTEM	INDIAN	SELF	PUBLISHED	17/11/2023	
29	D.PRINCEWINSTON, B.GURUKARTHIK BABU, G.SAKTHIVEL, S.RAMESH PRABHU, T.HARIHARASUHAN, S.SURIYAKALA, M.PRAVIN,	EEE	364426- 001	19/05/2022	SOLAR PANEL (DESIGN)	INDIAN	SELF	GRANTED		06/01/2023
30	R.MANIKUMAR, A. ASHA A.RAJESH KANNAN S. FHAZIL RAJA P. MON VIKANTH	MECH	399456	15/10/2013	A MECHANICAL HEART PUMP MACHINE	INDIAN	INSTITUTIONAL	GRANTED	24/04/2015	17/06/2022



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31	Dr.S.JEYADEVI, Dr.S.KALYANI, K.GANESAN, R.GANESAN, S.JEGAN, T.HARIPRASATH, P.RAMALAKSHMI	EIE EEE ECE	20224106 3328	06/11/2022	A RAPID CHARGING AND DISCHARGING CONTROL METHOD FOR ELECTRIC VEHICLES BASED ON MACHINE LEARNING	INDIAN	SELF	PUBLISHED	18/11/2022	
32	Ms. K. LEELARANI, Ms. S. SHOPIKA	CSE	20221107 0169	05/12/2022	BLEEDING RECOGNITION TECHNIQUE IN WIRELESS CAPSULE ENDOSCOPY IMAGES USING FUZZY LOGIC AND PRINCIPAL COMPONENT ANALYSIS	INDIAN	SELF	PUBLISHED	30/12/2022	
33	Dr. K KANNAN, Dr. M PRITHIVIRAJ. Mr. R RAJPRABU, Mr. S DAVID BLESSLEY, Dr. S JEYADEVI	MTRE, ECE, EIE	375461- 001	12/12/2022	SPACER WITH STRIP SLOT FOR TUBELESS TIRE (DESIGN)	INDIAN	SELF	GRANTED		20/03/2023

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34	Ms. S. JANANI, Mrs. J. LAVANYA	CSE	202341004327	22/01/2023	A SYSTEM FOR DIAGNOSING A PATIENT BY USING PREVIOUS MEDICAL HISTORY BASED ON CONVOLUTIONAL NEURAL NETWORK AND WORKING METHOD THEREOF	INDIAN	SELF	PUBLISHED	17/02/2023	
35	S. KARTHICKUMAR, R. SHYAM KUMAR, R. SUYAMBUESWAR, I.SAHANA ANBUKANI, B. JEYAVARSHINI, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	BT	381088-001	09/03/2023	ALGAE-ASSISTED DESALINATION CELL (DESIGN)	INDIAN	SELF	UNDER EXAMINATION		
36	S. KARTHICKUMAR, R. SHYAM KUMAR, KARL JOSEPH SAMUEL, M.GURU HARISH, R.HARISMA, M.JAYSHRI MALINI,	BT	381952-001	21/03/2023	ALGAE ASSISTED FUEL CELL (DESIGN)	INDIAN	SELF	UNDER EXAMINATION		
37	MRS.R.INDHUJA	CSE	202241068659	29/11/2022	DESIGN WEB SERVER TO CLIENT COMMUNICATION FOR WEB USAGE DATA ANALYSIS	INDIAN	SELF	PUBLISHED	02/12/2022	



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38	DR. S. THANGA KASI RAJAN, DR. J. RAJESH BABU , DR. M. PRITHIVIRAJ, MR. D. PALANIKUMAR, MR.V. SANTHOSH, MR. M. BHARATH, MR. K. RAHUL	MECH	383166-001	06/04/2023	SOLAR ELETRIC VEHICLE (DESIGN)	INDIAN	SELF	UNDER EXAMINATION		
39	Dr.R.MUTHUSELVI, Dr.G.NIRMALA, B.MUTHUKRISHNA VINAYAGAM, Dr.S.KARTHIKUMAR, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	CSE & BT	202341033997	15/05/2023	AUTOMATIC TEMPERATURE CONTROL IN AWATER DISPENSER	INDIAN	SELF	PUBLISHED	23.06.2023	

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40	Dr.A.RAJAVEL, Er.J.UMA MAHESWARI, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	EIE	202341034307	16/05/2023	FOOD QUALITY MONITORING SYSTEM USING AURDINO	INDIAN	SELF	PUBLISHED	30.06.2023	
41	Ms. P. KAVIYA, Dr. R. ARTHY, Ms. A. GANGA,S.KARTHIKUMAR, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	IT, BT	202341036712	27/05/2023	In-situ AUTOMATED GREENHOUSE MONITORING AND CONTROLLING SYSTEM	INDIAN	SELF	PUBLISHED	01.09.2023	
42	K.MUTHULAKSHMI, R.RAMYA, A.ANANDH, S.KARTHIKUMAR, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	CSE	202341045989	08/07/2023	A MOBILE APPLICATION BASED BUS TRACKING DEVICE	INDIAN	SELF	FILED		

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43	Dr.R.PRAVEEN KUMAR, Dr.R.RAMYA, Dr.A.ANANDH, Mr.B.MUTHUKRISHNA VINAYAGAM, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	CSE	20234104 7368	13/07/2023	THE CLOSED E-WALLET WITH VOICE-OVER SMART SOUND BOX	INDIAN	SELF	PUBLISHED	01.09.2023	
44	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, D.PRINCE WINSTON, B.GURUKARTHIK BABU, S. RAMESH PRABHU, M.PRAVIN, R.SAKTHIVEL MURUGAN, R.MARSHAL, P.PANDIMUNI, P.ARAVIND, S.KAVITHA	EEE	390540- 001	18/07/2023	FLIPPABLE SOLAR PANEL (DESIGN)	INDIAN	SELF	UNDER EXAMINATION		
45	DR M PRITHIVIRAJ, MR R RAJPRABU, DR K KANNAN, DR S SENTHIL, MS M SANGEETHA LAKSHMI	MECH ECE MTR	387284- 001	30/05/2023	INCENSE BURNER (DESIGN PATENT)	INDIAN	SELF	GRANTED	-	06.09.2023

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46	DR.T.PANDISELVI, MS.C.NAGAVANI, DR.N.M.MARY SINDHUJA	ECE	20234105 5582	18/08/2023	IoT ENABLED ENERGY EFFICIENT ADVANCED 6G COMMUNICATION NETWORK SYSTEM	INDIAN	SELF	PUBLISHED	01/09/2023	
47	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, N.M.MARY SINDHUJA, T.PANDI SELVI, C.NAGAVANI, R.RAJPRABHU, R.ASHOK, R.MATHU MIETHA, , T.N.AVUSHATHA, V.KARTHIKADEVI	ECE	407961- 001	19/02/2024	MICROSTRIPARRAY ANTENNA USING SPACE FILLING CURVE (DESIGN)	INDIAN	SELF	GRANTED		20.04.2024
48	S.THANGAKASIRAJAN, J.RAJESH BABU, G.ANAND, M.DINESH KARTHICK, P.THIRUMURUGAN,P.SURES HKUMAR, B.K.PARRTHIPAN, S.ALWYN RAJIV, S.SENTHIL, R.SURESH BABU, D.PRINCE WINSTON	MECH, MTR, ECE, PT, EEE	408543- 001	23/02/2024	AN INNOVATIVE DESIGN IN LUGGAGE RACK WITH FOLDABLE SOLAR PANEL FOR E-VECHILE (DESIGN)	INDIAN	SELF	GRANTED		09.05.2024



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49	T.SHUMYUKTHA, S.KARTHIKUMAR, R.SHYAM KUMAR	BT	408638-001	24/02/2024	HYDRODYNAMIC DESIGN FOR MICROPLASTIC RECOVERY (DESIGN)	INDIAN	SELF	FILED		
50	B.JEYAVARSHINI, S. KARTHIKUMAR, M. YAGNA DEVI,. R. SHYAM KUMAR, S.THANGA KASI RAJAN, M.DINESH KARTHICK, G.ANAND, P.THIRUMURUGAN	BT, MECH	409883-001	08/03/2024	ENERGY EFFICIENT SMART SOLAR DRYER WITH DEHUMIDIFIER (DESIGN)	INDIAN	SELF	FILED		
51	R. AGHILA M SUMATHI P JOE SELVA RAKSHAN G S BALAJI M PRAVEEN KUMAR	IT	202441028408	06/04/2024	DEVELOPMENT OF AN APP BASED AUDIOMETER FOR HEARING ASSESSMENT	INDIAN	SELF	PUBLISHED	19/04/2024	



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52	R AGHILA P.MAHALAKSHMI V GAYATHRI S.GAYATHRI R.SARANYA PRIYADHARSHINI B.K.PARRTHIPAN S.TEJASH DHAKSHIN I.SUDHARSANA	IT MECH	20244102 5103	28/03/2024	SPOTCE – AN APP FOR COUNTRY EGG DETECTOR	INDIAN	SELF	PUBLISHED	05/04/2024	
53	MRS.V.DEEPA PRIYA MRS.S. ATHILAKSHMI DR.T.PRATHIBA MR. S. JEGAN DR.G.MAHALAKSHMI MR.C. RAJ KANNAN MR.T. HARI PRASATH MRS. P. MUTHUMARI MR. R. GANESAN	IT CSE ECE EEE CSE IT EEE ECE EEE	20244100 7282	02/02/2024	ADAPTIVE NEURAL NETWORK ENSEMBLE FOR ENHANCED PREDICTIVE MODELLING IN MACHINE LEARNING APPLICATIONS	INDIAN	SELF	PUBLISHED	08.03.2024	

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54	S.KARTHIKUMAR, S.THANGA KASI RAJAN, R.SHYAM KUMAR, R.SAKTHIVEL MURUGAN, B.JEYAVARSHINI, B.NAGENDRA KUMAR, R.MURALIKRISHNAN, A.DHANUSH KUMAR.	BT, MECH	413558-001	15/04/2024	DESIGN AND FABRICATION OF SMART BOKASHI COMPOSTER (DESIGN)	INDIAN	SELF	FILED		
55	R. ARTHY V. DEEPA PRIYA P. KAVIYA P. SUBATHRA DR. E. VAKAIMALAR D. VENDHAN C. RAJ KANNAN P. PRIYADHARSHINI	IT	202241027029	10/05/2022	M-IOT, GPS BASED SMART TRAFFIC MANAGEMENT SYSTEM USING BLOCK CHAIN TECHNOLOGY	INDIAN	SELF	PUBLISHED	20.05.2023	
56	SHOBANA S. HARI RAMAKRISHNAN CHIDAMBARANATHAN T R SREE VIDYA GANGA BHAVANI BILLA S. PARTHA SARATHI M. SARANYA PRADEEP G C. RAJKANNAN P. PRIYADHARSHINI	IT	202341011187	18.02.2023	ARTIFICIAL INTELLIGENCE AND IOT BASED SMART HOUSE FOR ACTIVITY RECOGNITION	INDIAN	SELF	PUBLISHED	17.03.2023	

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57	G. GOKULKANNAN A. MADHAN GUNASEKARN THANKAVEL BAIJU KARUN ASOKAN V V. DEEPA PRIYA PRADEEP G KARTHI J SUBASHREE. V	IT	20234100 7935	07.02.2023	MOBILE MEDICAL EMERGENCY SYSTEM BASED ON BLOCK CHAIN AND 5G	INDIAN	SELF	PUBLISHED	24.02.2023	
58	MURUGANANTHAN K SENTHIL.K THANKGAKASIRAJAN S, NARAYANASAMY P, PARRTHIPAN B K, BALAVIRAVAN B, KIRAN S, KARAN V, SIVA BALAN	MECH	413985- 001	18.04.2024	AN INNOVATIVE DESIGN IN AGRICULTURE PESTICIDE SPARYER AGRIBOT (DESIGN)	INDIAN	SELF	FILED		
59	THANKGAKASIRAJAN S, S.GANDHI, R.BASKARAN, M.G.SRIBALA, PARRTHIPAN B K, BALAVIRAVAN B, MURUGANANTHAN K	MECH CHEM, BT, FYE	20244102 7215	02.04.2024	THE TRANSFORMATION OF RUBBER WASTE INTO ENVIRONMENTALLY FRIENDLY SELF ADHESIVE RUBBER STICKY PUTTY	INDIAN	SELF	PUBLISHED	12.04.2024	





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60	B.BALAVAIRAVAN MR.B.K.PARRTHIPAN DR.P.NARAYANASAMY DR.S.SENTHIL J.ALWYN JOSHUA S.RAMACHANDRAN A.ASRAF MOHAMED	MECH	410445-001	08.03.2024	IOT ENABLED AUTOMATIC SYRINGE INJECTION SETUP FOR PET ANIMALS (DESIGN)	INDIAN	SELF	FILED		
61	B.K.PARRTHIPAN P.NARAYANASAMY ALITAI B.ALMEDA S.THIRUKUMARAN G.R.SRIVASAN K.M.YOGESWARAN	MECH	391170-001	26.07.2023	TWO MEMBER BICYCLE (DESIGN)	INDIAN	SELF	FILED		
62	B.K.PARRTHIPAN P.NARAYANASAMY P.BALASUNDAR M.MANOJKUMAR P.AKILAN KARUPAIYA K.ARUL MURUGAN	MECH, MTR	389444-001	03.07.2023	CEILING FAN CLEANING SET UP (DESIGN)	INDIAN	SELF	FILED		



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63	N.R.MADHAN N.HARIHARAN A.KALIRAJ S.MITHUN M.SAKTHIVEL K.VISHNUVARADHAN C.DEEPAKUMAR	MECH	410256-001	12.03.2024	DESIGN OF MEDICAL TRAY BOX WITH ENHANCED STABILITY FOR AUTOMATIC LIFTING AND DELIVERY OPERATION IN MEDICAL SHOP (DESIGN)	INDIAN	SELF	FILED		
64	M.PRITIVIRAJ, N.R.MADHAN, S.THANGAKASIRAJAN , P.VINGESHKUMAR NIJOPRASAD, V.SAKTHIVEL	MECH	412683-001	05.04.2024	3D PRINTED LOW WEIGHT PORTABLE BOTTLE CLEANER (DESIGN)	INDIAN	SELF	FILED		
65	S.MUTHUNATARAJAN , P.NARAYANASAMY, B.K.PARRTHIPAN S.KISHORE A.BALAGURU N.MOHAMED ASHIF	MECH	409798 -001	08.03.2024	AUTONOMOUS FIRE FIGHTING ROBOT (DESIGN)	INDIAN	SELF	FILED		



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66	K.KANNAN, M.PRITIVIRAJ, N.R.MADHAN R.S.SENTHIL, M.SANGEETHALAKSHMI	MECH, MTRE	414691-001	24.04.2024	SLIT CUTTING ASSEMBLY FOR INSTANT REMOVAL OF EDIBLE OIL FROM DEFECTIVE POUCHES (DESIGN)	INDIAN	SELF	GRANTED		22.08.2024
67	R.SAKTHIVEL MURUGAN N.R.MADHAN A.AKASH G.CHANDRAKUMAR P.SUBRAMANIAN	MECH	414705 - 001	24.04.2024	PERSONAL PROTECTIVE EQUIPMENT FOR PESTICIDE SPRAYING (DESIGN)	INDIAN	SELF	GRANTED		13.06.2024
68	S.SENTHIL S.THANGAKASIRAJAN B.K.PARTHIPAN	MECH	414781-001	25.04.2024	AN INNOVATIVE DESIGN OF AN ECO-FRIENDLY CALY WALL TILE WITH INTERLOCKING 3D TEXTURE (DESIGN)	INDIAN	SELF	FILED		



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69	R.S.SENTHIL S.THANGAKASIRAJAN	MECH, CIVIL	413559-001	14.04.2024	AN INNOVATIVE DESIGN OF SUSTAINABLE TABLE USING CORPORATE WASTES (DESIGN)	INDIAN	SELF	FILED		
70	B.BALAVARIAVAN B.K.PARRTHIPAN	MECH	202441020632	19.03.2024	LOW COST MOBILE ROBOT	INDIAN	SELF	PUBLISHED	05.04.2024	
71	INDUMATHI.K, LEELARANI K, INDUJA R, MEENAKSHI A, MUTHUKRISHNAVINAYAGA M B, HEMASWATHI S, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	CSE	202441042311	31.05.2024	AUTOMATION SYSTEM FOR SOLID WASTE SEGREGATION USING DEEP LEARNING	INDIAN	SELF	PUBLISHED	07.06.2024	

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72	VELUMANI D, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	CIVIL	202441042371	31.05.2024	ESTABLISHING A PERMANENT BENCHMARK AT KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY CAMPUS USING TOT	INDIAN	SELF	PUBLISHED	07/06/2024	
73	HEMA M, S.KARTHIKUMAR, D PRINCE WINSTON, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	PHY, BT, EEE	202441042372	31.05.2024	POLY VINYL ALCOHOL (PVA) BASED PROTON CONDUCTING POLYMER ELECTROLYTES FOR PROTON BATTERY	INDIAN	SELF	FILED		
74	P.GANESH PRABHU, S.BRINDHA, S.SENTHIL, S.THANGAKASIRAJAN, U.VARSHIDHA, A.G.NIRANJANA, G.ARVINDHARYA, D.SENTHIL KUMAR, N.HARIHARAN	CIVIL	413559-001	15.04.2024	AN INNOVATIVE DESIGN OF SUSTAINABLE TABLE USING CORPORATE WASTES (DESIGN)	INDIAN	SELF	GRANTED		28.05.2024



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75	P.GANESH PRABHU, S.BRINDHA, S.SENTHIL, K.ABINANTHAN, A.UVARAJ, V.SARAVANAKUMAR, N.HARIHARAN, G.ARAVINDH AARYA, V.PERUMAL, B.K.PARTHIBAN	CIVIL, MECH, BT	416790- 001	14-05-2024	LED LIGHT BOARD (DESIGN)	INDIAN	SELF	GRANTED		30.08.2024
76	ANIKET LAKRA, V.AATHI, V.NAVEEN SARAHI, B.K.PARRTHIPAN, B.BALAVAIRAVAN, P.NARAYANASAMY, S.THANGAKASIRAJAN, S.SENTHIL	MECH	428054- 001	23.08.2024	POTABLE CHAIR CUM LADDER (DESIGN)	INDIAN	SELF	GRANTED		24-10-2024
77	V.AATHI, ANIKET LAKRA, V.NAVEEN SARAHI, B.K.PARRTHIPAN, B.BALAVAIRAVAN, P.NARAYANASAMY, S.THANGAKASIRAJAN, S.SENTHIL	MECH	427514- 001	20.08.2024	AN INNOVATIVE DESIGN FOR FISH BREEDING BOX FROM BIODEGRADABLE PLASTICS (DESIGN)	INDIAN	SELF	FILED		



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78	G.R.SRIVASAN, K.M.YOGESH WARAN, ALITIA B ALMEDA, B.SIVA SETHU RAJAN, THIRU KUMARAN S, B.K.PARRTHIPAN, B.BALAVAIRAVAN, P.NARAYANASAMY, S. THANGAKASIRAJAN, S.SENTHIL	MECH	427779-001	21.08.2024	NOVEL DESIGN FOR DUAL-RIDER BICYCLE (DESIGN)	INDIAN	SELF	FILED		
79	V.AATHI, N.M. NAVEEN, D.V. SAHI,B.K. PARRTHIPAN, B.BALAVAIRAVAN, P.NARAYANASAMY, S. MUTHU NATARAJAN, S. THANGAKASIRAJAN, R.BASKARAN, S.GANDHI, M.G.SRIBALA, S.SENTHIL	MECH	431118-001	20.09.2024	HYDRAULIC ACTUATED PATIENT LIFTING CHAIR (DESIGN)	INDIAN	SELF	FILED		
80	ALITIA B.ALMEDA, S.THIRUKUMARAN, B.SIVA SETHURAJN, K.SUBRAMANI PANDI, P.BALAKRISHNAN, B.K.PARRTHIPAN, B.BALAVAIRAVAN,P.NARAYANASAMY, S.THANGAKASIRAJAN, S.SENTHIL	MECH	429405-001	05.09.2024	SMART WHEEL CHAIR (DESIGN)	INDIAN	SELF	FILED		



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81	CHENGATHIR SELVI M, MUNESWARAN K, PRATHIBA T	ECE	201841043 969	22.11.2018	THERMAL FACE RECOGNITION USING MULTI-RESOLUTION TRANSFORM FOR BIOMETRIC AUTHENTICATION	INDIAN	SELF	GRANTED		01.10.2024
82	GANESHPRABHU, S.BRINDHA, S.SENTHIL, U.VARSHIDHA, A.G.NIRANJANA, S.THANGAKASIRAJAN, B.K.PARTHIBAN, N.HARIHARAN, G.ARAVINDH AARYA,	CIVIL, MECH	414781- 001	25.04.2024	WALL TILES (SET) (DESIGN)	INDIAN	SELF	GRANTED		03.10.2024
83	Dr.S.KARTHIKUMAR, M.KAVIYASREE, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	BT	202441077 541	13.05.2024	PROCESS AND PRODUCT DEVELOPMENT OF CHITIN-ENHANCED SPRAY-ON FABRIC FROM LOOM WASTE FOR ADVANCED FIRST AID AND WOUND CARE APPLICATION	INDIAN	SELF	FILED		



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84	Dr.S.KARTHIKUMAR, R.SHYAMKUMAR, D. KISHOURE KUMAR, M. GOWTHAM ARAVINDH, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	BT, MTRE	202441076412	09.10.2024	A SMART SOLAR-ASSISTED SAWDUST-BASED BIODEGRADABLE PACKAGING FOAM GENERATOR AND A PROCESS FOR THE PREPARATION THEREOF	INDIAN	SELF	FILED		
85	SHAMYUKTHA T, Dr.S.KARTHIKUMAR, NANCY G, SWETHA S, SHYAM KUMAR. R, KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	BT	202441077783	14.10.2024	DESIGN AND FABRICATION OF AN INDIGENOUS AI INTEGRATED ELECTRO-BIOCHEMICAL SENSOR FOR REAL-TIME SOIL MICROBIAL ANALYSIS AND PRECISION BIOFERTILIZER DELIVERY VIA DRIP IRRIGATION	INDIAN	SELF	FILED		
86	B.BALAVAIRAVAN, P.NARAYANASAMY, K.M.MANIKANDAN, S.THANGAKASIRAJAN, S.SENTHIL	MECH	431029-001	19.09.2024	THE INNOVATIVE DESIGN OF IOT ENABLED RAIN WATER STORAGE SETUP FOR URBAN AREAS (DESIGN)	INDIAN	SELF	FILED		



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87	AGHILA RAJAGOPAL, V.GAYATHRI, P.MAHALAKSHMI, S.GAYATHRI, M.ARUNACHALAM	ADS	415542-001	30.04.2024	ORGANIC VEGETABLE DETECTOR (DESIGN)	INDIAN	SELF	GRANTED		07.10.2024
88	N.R.MADHAN, P.SUBAN KUMAR, M.SURENDAR KUMAR, S.ARAVIND KUMAR, R.SOLEESWARAN, S.P.VIJAYAN, K.MANOJ KUMAR, A.SANKARA NARAYANA MURTHY, K.M.MANIKANDAN, P.GANESH PRABHU, S.THANGAKASIRAJAN, S.SENTHIL	MECH, CIVIL	435136-001	28-10-2024	SMART IRRIGATION SYSTEM FOR CONTROLLING AND MONITORING TERRACE FARMING (DESIGN)	INDIAN	SELF	FILED		
89	T.S.KIRUBAJI, V.G.SUDHARSAN, G.MANIKANDAN, S.KARUPPASAMY, P.THANGAVELPANDIAN, S.MUTHUNATARAJAN, B.K.PARTHIPAN,	MECH	435479-001	24-10-2024	INTEGRATED DISHWASHER AND FLOOR CLEANER (DESIGN)	INDIAN	SELF	FILED		



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	P.NARAYANASAMY, S.THANGAKASIRAJAN, S.SENTHIL									
90	B.BALAVAIRAVAN, S.THANGAKASIRAJAN, P.NARAYANASAMY, S.GANDHI, R.BASKARAN, M.G.SRIBALA, S.SENTHIL	PT, MECH	E-1/- 93777/202 4-CHE	22-10-2024	IoT DRIVEN ROBOTIC ARM FOR INJECTION MEDICATION TO PET ANIMALS	INDIAN	SELF	FILED		
91	S.THANGAKASIRAJAN, A.DHANUSH KUMAR, R.MURALIKRISHNANA, B.NAGENDRAKUMAR, B.K.PARTHIPAN, B.BALAVAIRAVAN, S.MUTHU NATARAJAN, D.PALANIKUMAR, A.SANKARANARAYANA MURTHY, S.GANDHI, S.SENTHIL	MECH, PT	434839- 001	18-10-2024	BATTERY COOLING SYSTEM FOR E-VEHICLES (DESIGN)	INDIAN	SELF	FILED		



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92	S.THANGAKASIRAJAN, M.DINESH KARTHICK, G.ANAND, P.THIRUMURUGAN, K.SUBRAMANI PANDI, M.ARAVIND KUMAR, B.K.PARTHIPAN, K.MURUGANANTHAN, R.SAKTHIVEL MURUGAN, S.SENTHIL, D.PRINCEWINSTON, R.SURESH BABU, P.PANDISELVI, S.KARTHIKUMAR	MECH, EEE, BT, ECE,	432343-001	30-09-2024	FOUR WHEEL ELECTRIC VEHICLE WITH TREADMIL (DESIGN)	INDIAN	SELF	FILED		



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Up to 2022	4	3	21	-	-	-	28
2023	-	-	11	1	6	3	21
<b>2024</b>	PATENT – GRANTED (INDIA)	PATENT – GRANTED (INTERNATIONAL)	PATENT – PUBLISHED	PATENT - FILED	DESIGN – FILED/EXAMINATION	DESIGN - GRANTED	TOAL RECORDS
JAN	-	-	-	-	-	-	-
FEB	-	-	-	-	1	-	1
MAR	-	-	2	1	4	-	7
APR	1		2	1	4	1	9
MAY				3	1	2	6
JUN						1	1
JUL							
AUG					2	2	4
SEP					3		3
OCT	1			4	4	3	12
NOV							
DEC							
<b>TOTAL RECORDS</b>	<b>6</b>	<b>3</b>	<b>36</b>	<b>10</b>	<b>25</b>	<b>12</b>	<b>92</b>