

PATENT LIST

Academic Year	No.of. Patents Published
2020 - 2021	104
2021 - 2022	104
2022 - 2023	80

Academic Year 2020- 2021

S.No	Application Number	Title of the invention	Status	Applicant Name	Date of filing	Department
1	202041027928	Spatulaful healthy cooking device	Published	Mrs. Salomi	10-Jul-20	CSE
2	202041029849	3D printed PLA sheets embedded bio-composite manufacturing method thereof	Published	Balaji. D	14-Jul-20	Mech
3	202041031299	IoT based automated myoneuro stimulator for neuro paralytic patients	Published	Mrs. K.Vidhya	22-Jul-20	CSE
4	202041032035	Phase Change Material embedded constructional material with AI assistance device for maintaining temperature	Published	Dr.A.K.Priya	27-Jul-20	CFRD
5	202041032057	Automatic e-sanitizer spray for vehicles	Published	Mr. M. Manikandan	27-Jul-20	ECE
6	202041032056	Smart walking stick for sightless people	Published	Dr.S.Kirubakaran	27-Jul-20	ECE
7	202041032230	Automatic speed limiting technology for two wheeler	Published	Dr. S. RAVINDRAN	28-Jul-20	EEE
8	202041032370	IoT based advanced traffic management system integrated with image processing technique	Published	Mr. G.Saravanan	28-Jul-20	EEE
9	202041033177	Method for manufacturing front-end module by combining fiber reinforced plastic and metal thereof	Published	Balaji. D	05-Aug-20	CFRD
10	202041035310	Method of preparation of langbeinite phosphosilicates thereof	Published	Dr.Pratheepkumar	05-Aug-20	CFRD
11	202041036326	Methane gas measuring device in food waste using Raspberry Pi, MQ-4 Sensor	Published	Mr.T.Rajasekaran	24-Aug-20	CFRD
12	202041039647	IoT Network architecture system based application method	Published	Dr. D. Venugopal	14-Sep-20	ECE

13	202041041632	Design of i-health using nfc tag for monitoring, storing and accessing patient health information in single tap	Published	DR. J. JEYABHARATHI	25-Sep-20	CSE
14	202041042044	Low cost metal 3D printer manufacturing method thereof	Published	Balaji. D	28-Sep-20	CFRD
15	202041042045	Eco-friendly 3D printing filament manufacturing technique	Published	Balaji. D	28-Sep-20	CFRD
16	202041042046	Device for cleaning the rest rooms automatically	Published	Balaji. D	28-Sep-20	CFRD
17	202041042047	Method of manufacturing hybrid composite	Published	Balaji. D	28-Sep-20	CFRD
18	202041042048	Method of soft metal 3D printing and welding thereof	Published	Balaji. D	28-Sep-20	CFRD
19	202041043299	Acoustic soft noise cancellation in headphones using sharc	Published	Mr.S.Satheesh Kumar	05-Oct-20	ECE
20	202041043813	UV system to purify the atmospheric air for entire room	Published	Dr.A.K.Priya	08-Oct-20	CFRD
21	202041043821	Improving the security of Internet of Things application devices using Logical Nodes of Virtual Overlay Network (LNVON)	Published	Balaji. D	08-Oct-20	CFRD
22	202041044168	Smart on board safe driving system	Published	Ms.R.Sowmya	09-Oct-20	ECE
23	202041046583	Hybrid phase change material embedded over dress material for better comfort	Published	Dr.M.Akila	26-Oct-20	CFRD
24	202041046582	Education through hexacopter with detachable display module for rural area students	Published	Mr. V.Chandran	26-Oct-20	CFRD

25	202041046568	Integrating Encryption and Encapsulation to Improve Multilevel Security in IOT network system	Published	Balaji. D	26-Oct-20	CFRD
26	202041047327	A li-fi based wireless optical networking system for distress alarming in fishermen boats	Published	Dr. V. S. CHANDRIKA	29-Oct-20	EEE
27	202041047712	Low cost intelligent face recognition and temperature monitoring system	Published	Mr.T.Rajasekaran	02-Nov-20	CFRD
28	202041050324	Smart e-dust bin for hotel food waste	Published	Dr. K.S. TAMILSELVAN	09-Nov-20	CFRD
29	202041049408	Hybrid Pentagonal Pyramid solar still integrated with PV/T System	Published	Dr. Ravishankar. S	12-Nov-20	CFRD
30	202041049843	Electrical switch with state indication	Published	Mr.T.Venkatesh	16-Nov-20	ECE
31	202041052221	Portable E-VOCAL Communication device for disable	Published	Dr.P.Pandiyan	01-Dec-20	CFRD
32	202041052217	Wind turbine nacelle with phase change material which controls temperature using AI	Published	Balaji. D	01-Dec-20	CFRD
33	202041052220	Projector with phase change material	Published	Balaji. D	01-Dec-20	CFRD
34	202041052625	Organic led farming using artificial intelligence for self sustainability during post covid 19	Published	Dr.M.G.Sumithra	03-Dec-20	CFRD
35	202041052594	An automated iot based solar panelized washing machine	Published	Dr.D. Ganeshkumar	03-Dec-20	BME
36	202041053689	Foot ulcer detection using deep learning models	Published	Mr.V.Chandran	10-Dec-20	CFRD

37	202041054242	Flying object with metal element for clean energy production	Published	DR. R. DHARMARAJ	14-Dec-20	Civil
38	202041054246	Mutable printing head	Published	DR. V. RAJESHKUMAR	14-Dec-20	Civil
39	202041054257	Water reservoir with rolling element for green energy generation	Published	Dr. R. SARAVANAKUMAR	14-Dec-20	Civil
40	202041054251	Device to recover during mishap	Published	Dr. K. S. Elango	14-Dec-20	Civil
41	202041055129	Automatic height adjustment and overload detection in ceiling fan for anti-suicides	Published	Mr.M.MANIKANDAN	18-Dec-20	ECE
42	202041055503	Variable material delivery 3d printing system	Published	Balaji. D	21-Dec-20	CFRD
43	202041057132	Joint pain treatment system: joint pain treatment and notification using doctors experience and iot-based system.	Published	Mrs. Aswathy R.H	30-Dec-20	CSE
44	202141000670	Camellia sinensis/ananas comosus fiber based corrugated panel for sound damping	Published	MR. S. GOKULKUMAR	07-Jan-21	Mech
45	202141000855	A smart and efficient setup to use solar energy for cctv cameras	Published	Dr. M. KATHIRVELU	08-Jan-21	ECE
46	202141001148	Artificial Intelligence based battery management system for electric vehicles to forecast state of charge	Published	Mr. V. Chandran	11-Jan-21	CFRD
47	202141003073	Extraction of silicon from end-of-life silicon wafer of photovoltaic panels	Published	Dr.Lineesh Punathil	22-Jan-21	CFRD

48	202141003350	Hybrid phase change material embedded over glove for better comfort with AI assistance	Published	Balaji. D	25-Jan-21	CFRD
49	202141004404	Deep learning based animal tracking system using voice vocalization	Published	Mr. V. Chandran	01-Feb-21	CFRD
50	202141004759	Asthma detection and notification using iot based with very small device	Published	Mr.G. Saravanan	04-Feb-21	EEE
51	202141004809	Vehicle window to control usage of air conditioner	Published	Dr.K.KARTHIKEYAN	04-Feb-21	CFRD
52	202141005223	Cente of gravity based double decker two wheeler ambulance for rural people	Published	Mr.M.Manikandan	08-Feb-21	ECE
53	202141005226	To sliding driving helmet for better air ventilation with iot features	Published	Mr.M.Manikandan	08-Feb-21	ECE
54	202141005231	An Intelligent drone for social surveillance	Published	Mr. P.Suresh	08-Feb-21	CSE
55	202141005234	Wideband radar system in indoor security applications	Published	Dr.K.S.Tamilselvan	08-Feb-21	CFRD
56	202141005257	Civil worker idle time estimator and safety monitoring system	Published	Dr. N. JAYANTHI	08-Feb-21	CSE
57	202141005619	Lip visualizing mask with air vent for deaf people	Published	Dr. G. DIVYASRI	10-Feb-21	ECE
58	202141006597	Smart hybrid toilet for children, adults and disabled persons	Published	Dr.K.S. Tamilselvan	17-Feb-21	CFRD
59	202141006912	Iot based smart voting system for pandemic spread mitigation	Published	Mr.G.K.Jakir Hussain	18-Feb-21	ECE
60	202141006967	Method of synthesising hybrid metal plastic composite and 3D Printing thereof	Published	Balaji. D	19-Feb-21	CFRD

61	202141006977	Method of synthesising hybrid metal sand composite and 3D printing thereof for construction application	Published	Balaji. D	19-Feb-21	CFRD
62	202141006975	Toy to learn life sciences	Published	Balaji. D	19-Feb-21	CFRD
63	202141006976	Method of synthesising hybrid metal natural fiber composite and 3D Printing thereof	Published	Balaji. D	19-Feb-21	CFRD
64	202141007938	Safety monitoring for employee using id card	Published	Ms.S.Gunanandhini	25-Feb-21	ECE
65	202141008650	An Efficient Methodology to Manage Recruitments and Vacancies by Employment exchange	Published	Dr. K. KALIRAJAN	02-Mar-21	ECE
66	202141008637	An Automated Embedded system based cloth pressing techniques	Published	Dr. D. VENUGOPAL	02-Mar-21	ECE
67	202141009074	Casing equipment and its installation methodology for constructing fine aggregate piles	Published	Dr. N. Aarthi	04-Mar-21	CFRD
68	202141009555	Poultry chicken gender classification using deep learning models	Published	Mr.V.Chandran	08-Mar-21	CFRD
69	202141009787	System for converting non-segregated waste material into synthesized dough for 3d printing	Published	Balaji. D	09-Mar-21	CFRD
70	202141012130	A coin recognition system for blind people	Published	Mrs. Aswathy R H	22-Mar-21	CSE
71	202141012213	Green energy generation using solar, wind and mechanical systems	Published	Balaji. D	22-Mar-21	CFRD

72	202141012214	An ai abetted green energy generating systems	Published	Balaji. D	22-Mar-21	CFRD
73	202121012313	Artificial neural network based detection of covid-19 from chest x-ray	Published	Mr. T. Jagadesh	22-Mar-21	ECE
74	202141012320	Intelligent action controller for iiot using machine learning	Published	S.Satheesh Kumar	23-Mar-21	ECE
75	202111012748	Object Identification system for blind people	Published	Dr.Sreelatha. P	24-Mar-21	BME
76	202111013094	Iot based cost-effective solar powered water cooler system	Published	Mr. Allwyn Gnanadas. A	25-Mar-21	BME
77	202131014648	Iot based pandemic related smart room disinfecting system	Published	Mr. S.P. Cowsigan	30-Mar-21	ECE
78	202111015818	An accident prediction system for electric vehicle using ai	Published	Mr.S.Vivekanandan	03-Apr-21	EEE
79	202141016335	Ergonomically compact location free washing table	Published	Dr. Suriya uma devi	07-Apr-21	CFRD
80	202141016965	Automatic Mehndi printing kiosk	Published	Ms. Shruthi.A	12-Apr-21	ECE Student
81	202141017306	Identification of plant leaves infection zone using autonomous drone and image processing technique	Published	R.Anandkumar	13-Apr-21	Mech
82	202141019068	Design of n-by-1 rectangular patch antenna for 2.45 ghz and 5 ghz geometry	Published	Mrs. S.Nithya	26-Apr-21	ECE
83	202141019175	Development of Solar powered insecticide sprayer	Published	Dr.S..M.Ramesh	26-Apr-21	ECE
84	202111019302	AI-based hybrid leg wheel track the ground mobile robot	Published	Mr. Dinesh .C	27-Apr-21	EEE

85	202141019602	Coating method of carbon fiber in-filled 3d printed gear	Published	Mrs.V.Bhuvanewari	29-Apr-21	Mech
86	202141019605	Green energy generation system with gas and mechanical elements	Published	Balaji. D	29-Apr-21	CFRD
87	202141019607	Method of synthesising hybrid metal wood composite and 3D Printing thereof	Published	Balaji. D	29-Apr-21	CFRD
88	202141019608	Height varying base plate of 3d printer for z-axis accuracy	Published	Balaji. D	29-Apr-21	CFRD
89	202141020278	Smart device to detect the ratio of concrete mixture	Published	Dr.V.SEETHALAKSHMI	03-May-21	ECE
90	202141020435	Semi-automatic paper cutting machine using geneva mechanism and industrial internet of things (IIOT)	Published	Dr. Kumar . M	05-May-21	Mech
91	202141020598	IoT ENABLED SOLAR THERMAL STORAGE TANK IMPLANTED WITH PCM ROOM	Published	Dr.P.Manojkumar	06-May-21	Mech
92	202141021560	A continuous non-radiative electrical impedance tomography computation system for neonatal brain care	Published	Dr Muralidharan J	12-May-21	ECE
93	202141021959	Human Activity Recognition using Spiking Neural Network	Published	Mr. Mohamed Ibrahim A	15-May-21	EEE
94	202141022963	A Novel Data Security System using Hybrid Cloud Computing	Published	Mr. G.K.Jakir Hussain	23-May-21	ECE
95	202131023430	Intelligent system for monitoring of covid-19 morbidity using artificial intelligence	Published	Dr. B. Gomathy	26-May-21	CSE

96	202121023712	The smart system for medical imageviewing by using artificial intelligence neural network	Published	Mrs. Rajeshwari R	27-May-21	BME
97	202141025138	Smart trolley embedded with versatile customer support system	Published	Dr. B.Arulmurugan	07-Jun-21	Mech
98	202141025166	Integration of phase change materials for glass-glass photovoltaic module	Published	DR. ALAGAR KARTHICK	07-Jun-21	CFRD
99	202141025205	Assistance kit for traffic controllers	Published	Ms. K.B. SRI SATHYA	07-Jun-21	CSE
100	202141027632	Extraction method of typha angustifolia fiber	Published	Dr. L. Rajeshkumar	21-Jun-21	CFRD
101	202141027634	Hybrid energy system with optimisation to draw more energy	Published	Balaji. D	21-Jun-21	CFRD
102	202141027636	Mxene spinel ferrite heterojunction photoelectrodes for astral hydrogen production	Published	Dr. H. SHANKAR	21-Jun-21	CFRD
103	202141027630	A smart and intelligent device for monitoring the conduct of computer based assessments	Published	Dr.D.SURENDRAN	21-Jun-21	CSE
104	202141029353	Smart fabric child rescue system from sexual violence	Published	Dr. M. KALAMANI	30-Jun-21	ECE

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S.No	Application Number	Title	Status	Applicant Name	Date of Filing	Department
1	202141030583	Early Warning System Using Rainfall Threshold and Internet of Things	Published	Dr.A.Devipriya	07-Jul-21	CSE
2	202141030796	Specialized stick for security guards	Published	Dr MATHESWARAN A	09-Jul-21	EEE
3	202141031110	Device for guiding the visually challenged	Published	Dr. Ravikumar	12-Jul-21	Mech
4	202141031112	Flying vehicle abetted network communication tower	Published	Balaji D	12-Jul-21	CFRD
5	202141031114	Hybrid 3D printer with flexibility in all the 3 axes printing	Published	Balaji D	12-Jul-21	CFRD
6	202141031115	Modified electrical heat element for binder based 3d printing for supplemental heating	Published	Balaji D	12-Jul-21	CFRD
7	202141031413	Mechanical movement based extra lower door step in bus for easy access designed for elderly people	Published	Dr. V. SEETHALAKSHMI	13-Jul-21	ECE
8	202141033202	Growth, structural, thermal, optical, and electrical properties of potassium succinate–succinic acid crystal	Published	Dr.R.Subramaniyan	23-Jul-21	S&H (PHY)
9	202141033359	Artificial intelligence & machine learning based early detection of cancerous cells	Published	Dr.S.Kirubakaran	25-Jul-21	ECE
10	202141033662	Motorised tiltable screw jack for farm tractor overhauling	Published	Mr.Vasanthaseelan	27-Jul-21	Mech

11	202141033672	Method of converting ficus exasperata leaf ash as supplementary cementitious material for construction	Published	Dr.K.S.Elango	27-Jul-21	Civil
12	202141035211	Machine learning based wireless network modeling based on genetic algorithm for robotic application	Published	Mr. G. K. Jakir Hussain	04-Aug-21	ECE
13	202141035243	Oral squamous cell carcinoma detection from histopathological images using deep learning	Published	Mr.V. CHANDRAN	05-Aug-21	ECE
14	202141035939	A novel inverter topology for solar photovoltaic converter	Published	Dr S Meena	08-Aug-21	S&H (Math)
15	202141036924	A Multi Objective Reinforcement Learning Based Dynamic Resource Allocation For Low Power IOT Networks	Published	Dr Muralidharan J	15-Aug-21	ECE
16	202141037446	Process for the preparation of cadmium naphthoate crystal and uses thereof for second order non-line	Published	Dr.E.Ranjith Kumar	18-Aug-21	S&H (PHY)
17	202141038238	Conducive compartment for cordyceps production	Published	Dr.A.K.Priya	25-Aug-21	Civil
18	202141038244	Pyrolyser adapted anaerobic digester for agricultural biomass decomposition	Published	Dr.Dharmaraj. R	25-Aug-21	Civil
19	202141038247	Optimised composite material for construction application with the aid additive manufacturing technology	Published	Balaji D	25-Aug-21	CFRD
20	202141038248	Fluid based system maintenance using drones	Published	Balaji D	25-Aug-21	CFRD

21	202141039102	Long range spy robot with night vision	Published	Mr. S. Karunakaran	28-Aug-21	Chem
22	202141039099	Resource assistance for learning allocation to multi purpose reinforcement for unmanned aerial vehicles using iot networks	Published	Mr.Saravanan G	29-Aug-21	EEE
23	202141039318	A deep learning framework for alzheimer detection from mr images	Published	Dr Muralidharan J	31-Aug-21	ECE
24	202141039395	Robust multi authority attributes management system of serverless computing with enhanced reliability	Published	Mr.P.Ravi Kumar	31-Aug-21	EEE
25	202141040434	A Novel Method for prediction of diabetes using support vector machine learning	Published	Ms.P.Kanaga Priya	06-Sep-21	CSE
26	202141041204	Automated system and method for monitoring an emission of carbon in a vehicle	Published	Dr.T.Sivakumar	08-Sep-21	CSE
27	202141041546	Design of Cloud-based Smart Health System for Clinical Image Analysis using R-CNN	Published	Dr. K.Kamaraj	15-Sep-21	CSE
28	202111042156	Intelligent System for bird tracking & Monitoring with artificial intelligence and machine learning	Published	Dr. B. Gomathy	17-Sep-21	CSE
29	202141042806	Patient centric healthcare system using AI and blockchain	Published	Mrs. Aswathy R H	21-Sep-21	CSE
30	202141043107	Smart Basket: The Autonomous Robot for Pick-up Shopping Cart Items	Published	Mr.K.Saravanan	23-Sep-21	ECE

31	202111044335	Intelligent system and method for recognising abnormal vehicle plate through the use of artificial intelligence and machine learning	Published	Dr. M. Siva sangari	30-Sep-21	CSE
32	202111044800	Drone based autonomous construction with deep augmented learning	Published	Mr. G K Jakir Hussain	03-Oct-21	ECE
33	202141045081	Mechanical movement based extra lower door step in bus for easy access designed for elderly people	Published	Mr. M. MANIKANDAN	05-Oct-21	ECE
34	202111045258	Smart watch with machine learning and iot for early detection of heart attacks in cardiovascular diseases patient	Published	Dr. S M Ramesh	05-Oct-21	ECE
35	202141049322	Device to avoid accumulation and removal of mud in the mud guard	Published	Balaji D	28-Oct-21	CFRD
36	202111053211	System and method for controlling smart micro grid thereof	Published	Dr.Chandrika V S	18-Nov-21	EEE
37	202141053774	PNH-Device: iot-Based ICU Patient Notification and Health Monitoring Device.	Published	Mr. D. RAM NIVAS	23-Nov-21	ECE
38	202141054492	Experimental investigation on hybrid square pyramid solar still integrated with pv/t system	Published	Dr. RAVISHANKAR S	25-Nov-21	CFRD
39	202141054736	Geo fencing of agricultural lands based on soil quality using drones and smart devices	Published	Dr. Sreelatha P	26-Nov-21	BME

40	202141055160	Exam duty monitoring through line follower robot	Published	Mr.M.Manikandan	29-Nov-21	ECE
41	202141056109	Expansion of an iot valuation scheme: an interdisciplinary context for energy proficient buildings in smart cities	Published	Mr.K.M.RAMPRASHAD	03-Dec-21	EEE
42	202141056110	Development, authentication and application of 3D-printed iot-based water quality monitoring system-4.0 Industrial revolution Approach	Published	Mr.A.NAVEEN	03-Dec-21	EEE
43	202141056334	Artificial Intelligent based Prediction and Recommendation of Diabetes using Matlab approach	Published	Ms. M. Swathy	04-Dec-21	BME
44	202141056399	See-saw pneumatic piezo and solar energy generation mechanism optimised using machine learning	Published	Balaji D	06-Dec-21	CFRD
45	202141056431	A system based on thermal image processing for subcutaneous detection of veins, bones and method thereof	Published	Mr.Sharook.R	06-Dec-21	EEE
46	202141056824	Iot based smart social distancing and monitoring robot for queue using python language	Published	Dr.D. SATHISH KUMAR	07-Dec-21	EEE
47	202141057636	Tool retrieval mechanism for the benefit of small scale industries	Published	Mr. R. Anandkumar	10-Dec-21	Mech
48	202141058585	Smart versatile health monitoring system	Published	Mr.R.Parameshwaran	16-Dec-21	ECE
49	202141059605	Moving object based adequate working fluid supply system optimized using machine learning	Published	Balaji D	21-Dec-21	CFRD

50	202241000502	Artificial intelligence-based cancer diagnosis and treatment by using nano particles	Published	DR.R.SUBRAMANIYAN @ RAJA	05-Jan-22	S&H (PHY)
51	202241001269	Autonomous roadside cleaning robot	Published	Mr.R.Anandkumar	10-Jan-22	Mech
52	202241001621	A fuel cell assembly and method thereof	Published	Mr. Sampathkumar R	12-Jan-22	EEE
53	202241005869	A System for detecting unknown network worms using honeypots and method thereof	Published	KPRIET - Dr Akila M	03-Feb-22	CSE
54	202241005870	Method and system for stock market prediction using deep learning models	Published	KPRIET - Dr Akila M	03-Feb-22	CSE
55	202241005871	Method and system for efficiency enhancement in iot system with supportive ai	Published	KPRIET - Dr Akila M	03-Feb-22	CSE
56	202241005872	Method and system for career planning and guidance	Published	KPRIET - Dr Akila M	03-Feb-22	CSE
57	202241005873	Smart farming with automated irrigation system and disease diagnosis	Published	KPRIET - Dr. Kiruba Shankar R	03-Feb-22	ECE
58	202241006313	Agile and smart traffic control system	Published	Mr.C.Dinesh	07-Feb-22	EEE
59	202241006345	Efficient energy harvesting devices	Published	KPRIET - Dr.K.Mohanasundram	07-Feb-22	CFRD
60	202241007602	Classification of images captured using ct for kidney related ailments	Published	Dr.S.M.RAMESH	14-Feb-22	ECE

61	202241007848	A secure blockchain model to protect bitcoin exchanges over cloud	Published	Dr.S Finny Daniel Shadrach	15-Feb-22	ECE
62	202241010279	An artificial intelligence based technique to assist paramedical staffs and monitor their work	Published	Mr. Venkatesh T	25-Feb-22	ECE
63	202241011377	Intelligent sensor based automatic eb billing calculation method	Published	Mr. S.VIVEKANANDAN	03-Mar-22	EEE
64	202241011385	See-saw pneumatic piezo and solar energy generation mechanism optimised using machine learning	Published	Balaji D	03-Mar-22	CFRD
65	202241011388	Moveable structure embedded solar pv for improved output	Published	KPRIET - Dr.B.Arulmurugan	03-Mar-22	Mech
66	202241011389	E-observation of drained water reconditioning process	Published	KPRIET - Dr.Kalirajan	03-Mar-22	ECE
67	202241011390	Optimized impeller of a pump with efficient delivery	Published	KPRIET - Mrs.V.Bhuvaneswari	03-Mar-22	Mech
68	202241013084	A Novel Method of Detecting iot Malware using Deep Learning	Published	Ms.P.Praveena	10-Mar-22	EEE
69	202241013228	Semi-automatic paddy dehusking machine for preserving nutrients and minerals of brown rice	Published	KPRIET - Dr.Tamilselvan K.S.	11-Mar-22	CFRD
70	202241013890	Priority generator and the method thereof by implementing artificial intelligence for diagnosing patients in hospitals	Published	Dr.Tamilselvan K.S.	14-Mar-22	CFRD
71	202241014742	Experimental investigation on mechanical and morphological analysis of novel bio fibers reinforced	Published	KPRIET - Dr. S. Sathish	17-Mar-22	Mech

72	202241014743	Method for dissemination of information with versatile expertise	Published	KPRIET - Dr. P.Thangaraj	17-Mar-22	CFRD
73	202241014744	Composite 3d printer for incessant fiber inclusion while printing	Published	KPRIET - Dr. L.Rajeshkumar	17-Mar-22	CFRD
74	202241014771	Flexible arm 3d printer with parametric control using ai	Published	D. Balaji	17-Mar-22	CFRD
75	202241020161	Smart parking with surveillance system using iot	Published	KPRIET - Mrs.Gunanandhini	04-Apr-22	ECE
76	202241020162	Luffacylindrica fibres reinforced epoxy composites with sic filler	Published	KPRIET - Dr. S. Sathish	04-Apr-22	Mech
77	202241020163	Novel cucurbitaceae/sansevieriaehrenbergii plant fibers reinforced epoxy hybrid composites	Published	KPRIET - Dr. S. Sathish	04-Apr-22	Mech
78	202241023492	Luffa cylindrica and ramie fiber extraction mechanical decortication	Published	KPRIET - Dr. L. Prabhu	21-Apr-22	Mech
79	202241023494	Smart on spot clinical assistive device	Published	KPRIET - Dr.Tamilselvan K.S.	21-Apr-22	CFRD
80	202241023495	Smart raspberry pi-network attached storage	Published	KPRIET - Dr. Vidhya K.	21-Apr-22	CSE
81	202241023496	Spilled oil collecting device in the deep sea	Published	KPRIET - Mr. Gokulkumar	21-Apr-22	Mech
82	202241024166	Traffic signal controlling road side unit for emergency vehicle	Published	KPRIET - Dr.M.Saravanan	25-Apr-22	CSE
83	202241024168	Building integrated photovoltaic modules	Published	KPRIET - Dr.A.Karthick	25-Apr-22	EEE
84	202241024176	Smart heater	Published	KPRIET - Dr.K.Murugan	25-Apr-22	ECE

85	202241024180	Robot to paint the wall	Published	KPRIET - Mr. N. Vigneshkumar	25-Apr-22	Mech
86	202241024181	Energy-efficient control system for hybrid heater	Published	KPRIET - Mr. N. Vigneshkumar	25-Apr-22	Mech
87	202241024292	Enhance the accuracy of stock market predictions using multi agent, genetic and fuzzy logic model	Published	DR.S.M.RAMESH	25-Apr-22	ECE
88	202241025042	Radiation of hp (high-power) fast rise time pulses by hydrogen spark gap antenna at a high repetition rate	Published	Mr.K.Saravanan	28-Apr-22	ECE
89	202241025866	Enhanced renewable energy generation with ai	Published	BALAJI. D	04-May-22	CFRD
90	202241025867	Hybrid renewable energy resources augmented with the aid of dl	Published	BALAJI. D	04-May-22	CFRD
91	202241025871	Smart medicine vending machine	Published	Lt. Dr. A.K. Priya	04-May-22	Civil
92	202221026808	High strength concrete performance with ultra-fine mineral admixtures	Published	Mr. S. YUVARAJ	09-May-22	Civil
93	202241027787	A system and method for nutrient management in cole crops	Published	KPRIET - Dr. M. Kathirvelu	14-May-22	ECE
94	202241027788	A system for real-time monitoring and management of healthy produce	Published	KPRIET - Dr. J. Indra	14-May-22	ECE
95	202241027789	An anti-drowning alarm system for a swimming pool	Published	KPRIET - Dr. M.A. Manikandan	14-May-22	S&H
96	202241029438	Electronic princess safety assistance kit	Published	KPRIET - Dr.Kalirajan K.	23-May-22	ECE

97	202241029444	Innovative Method to Analyze iot Device in terms of Cybersecurity	Published	Dr. V. Vignesh	23-May-22	CSE
98	202241031120	Solar irradiance forecasting using deep learning algorithm	Published	KPRIET - Dr.A.Karthick	31-May-22	EEE
99	202241031135	Solid concrete block	Published	KPRIET - Dr. R. DHARMARAJ	31-May-22	Civil
100	202241031142	Ai and virtual reality-based application for smart automobile ports	Published	KPRIET - Ms. REETHIKA A.	31-May-22	ECE
101	202241033243	Artificial intelligent based elegant cleaning robot	Published	KPRIET - Dr.Makeshkumar	10-Jun-22	Mech
102	202241033247	Method for fabricating flax, snake grass fiber and tamarind powder hybrid composite	Published	KPRIET - Dr.L. Prabhu	10-Jun-22	Mech
103	202241033971	Smart security overloaded at doorstep with owner alert alarm using iot	Published	Dr.P.Pandiyan	14-Jun-22	EEE
104	202241036293	Iot driven pollution monitoring system to assessing carbon dioxide emissions using ai	Published	Dr.N.Saranya	24-Jun-22	CSE

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S.No	Application Number	Title	Status	Applicant Name	Date of Filing	Department
1	202241039522	An encryption device for encrypting data and timestamp for data security and authentication in iot environment and method thereof	Published	Dr.M.Vasim babu	09-Jul-22	ECE
2	202241041246	Intelligent restaurant using smart beacons	Published	Mr. R Krishna Kumar	19-Jul-22	BME
3	202241042295	Hygiene robotic based agricultural practices to maintain the crops from inferring their growth with unwanted plants and weeds by avoiding nutrition sharing	Published	DR.S.M.Ramesh	23-Jul-22	ECE
4	202241043779	Method and System for Quitting Multiple Applications from one Device in one Click	Published	Dr. V. Vignesh	31-Jul-22	CSE
5	202241044153	Health management using ai and iot system	Published	Balaji D.	02-Aug-22	CFRD
6	202241046022	Potential usage of e-waste in manufacturing tiles with epoxy resin coating	Published	Mrs.B.S.MEENAKSHI	12-Aug-22	Civil

7	202241049358	Unmanned aerial vehicle (uav) based technique for monitoring and guiding the medical practitioners for handling the pandemic situation efficiently	Published	DR.S.SURESH	30-Aug-22	CSE
8	202241049424	Method of making palm shell blocks	Published	Mrs. P. INDHIRADEVI	30-Aug-22	Civil
9	202211050258	Iot based radar sensing healthcare monitoring system using arduino and ultrasonic sensor	Published	Dr. K.S. Tamilselvan	02-Sep-22	CFRD
10	202241050503	Iot based smart monitoring and control system for the benefit of hospitals, industries and corporate offices	Published	Dr.R.Anandkumar	05-Sep-22	Mech
11	202241050890	IOT based brain signal analysis and prediction system for patient	Published	Dr. S. Logesh Kumar	06-Sep-22	BME
12	202241051215	Design system of iot-Based Wind Pressure Control Prediction on Smart Buildings using Machine learning	Published	Mr. Prasath B	07-Sep-22	CSE
13	202241051810	Primitive Women Safety using CCTV Surveillance Automation and Intelligent Mobile Application by Vigilant Monitoring of Frames	Published	Dr.P.Pandiyan	11-Sep-22	EEE
14	202241052634	Secure over data privacy using knn classification in iot devices in machine learning approach	Published	Dr. S.Suresh	15-Sep-22	CSE

15	202241052638	Cryptographic secure algorithm with user validating preservation scheme in iot-healthcare	Published	Mr. G.K. JAKIR HUSSAIN	15-Sep-22	CSE
16	202241054229	Iot-Driven Design System of Surface Crack Detection using Machine learning for Smart City	Published	Mr. Mohan M	22-Sep-22	CSE
17	202241055487	Ann based novel vehicle tracking system for anti-theft application	Published	Dr. C. PAZHANIMUTHU	28-Sep-22	EEE
18	202221056017	Approach for ddos attack detection using deep learning technique in iot based network	Published	Mrs.S.P.Kavya	29-Sep-22	CSE
19	202241056690	Design of flying object which files and harvest energy	Published	Dr. B. ARULMURUGAN	03-Oct-22	Mech
20	202241056692	Pain managing chair	Published	Dr. V. BHUVANESWARI	03-Oct-22	Mech
21	202241058452	Method for Precision Agriculture using Internet of Things	Published	Dr. Sreelatha P	12-Oct-22	BME
22	202241059702	Determination of yarn length using auduino uno	Published	KPRIET - DR. K. S.TAMILSELVAN	19-Oct-22	ECE
23	202241062660	A secure routing protocol in opportunistic internet of things network using machine learning approach	Published	Ms.T.Preethi	02-Nov-22	CSE
24	202241063798	Portable plantation	Published	DR. SIVA SANGARI M	09-Nov-22	CFRD - CSE

25	202241063799	Output power prediction of building integrated semi-transparent photovoltaic system using machine learning	Published	KPRIET - Dr.A.Karthick	09-Nov-22	EEE
26	202241063802	Iot based driver drowsy monitoring system for automobiles	Published	KPRIET - Dr.Dharanikumar.s	09-Nov-22	Mech
27	202241063803	Pen with optimised colour changing ink	Published	KPRIET - Mrs. S.Bhuvaneswari	09-Nov-22	S&H - Phy
28	202241063804	Gas stove with multi storage unit	Published	KPRIET - Dr. K.Janagi	09-Nov-22	S&H - Math
29	202241063805	Chair with varying seat position	Published	KPRIET - Dr. P. Renuka	09-Nov-22	S&H - Math
30	202241063806	Floor mat with cleaning unit	Published	KPRIET - Mrs Jagadeeswari R	09-Nov-22	S&H - Chem
31	202241065377	Self energized bicycle with bullet alternator and gps tracking system	Published	Dr.V. Parimala	15-Nov-22	EEE
32	202241065428	MI based automatic abnormal environment detection using smart surveillance in banks	Published	Mr. Kathiresan K	15-Nov-22	AI & DS
33	202241068906	Smart lifesaving system for animals to detect the presence of intruder in their intestinal tract	Published	KPRIET - DR. K. S.TAMILSELVAN	30-Nov-22	ECE
34	202241068907	Automated equipment to ward-off feathered friend	Published	KPRIET - Dr. K. KALIRAJAN	30-Nov-22	ECE
35	202241068908	Data management for 3d printer	Published	KPRIET - Dr. P.Thangaraj	30-Nov-22	CFRD

36	202241068909	Simulation tool for performance analysis of wsn	Published	KPRIET - Dr. R. MAHESWAR	30-Nov-22	CFRD
37	202241071573	Portable universal converter tool kit for converting an IC engine to an electric vehicle	Published	Mr. A. Mohamed Ibrahim	12-Dec-22	EEE
38	202241071780	Ceaseless material inclusion to develop the composite material printing 3d printer	Published	Balaji D.	13-Dec-22	CFRD
39	202241071784	Robot with learning ability through cognitive sense	Published	KPRIET - Dr. J. CHARLY JEROME	13-Dec-22	S&H (Eng)
40	202241071787	Smart traffic light controlling device	Published	DR.M.MAKESHKUMAR	13-Dec-22	Mech
41	202241071790	Agriculture monitoring system based on internet of things by deep learning feature fusion with classification	Published	KPRIET - Dr. M. SARAVANAN	13-Dec-22	CSE
42	202241071793	Automated construction of building controlled by oral instruction	Published	Dr. R. SARANYA	13-Dec-22	S&H (Eng)
43	202241071800	Construction roofs with the aid of sheet and control theory	Published	DR. K. KARTHIKEYAN	13-Dec-22	S&H (Math)
44	202241071991	An intelligent real-time monitoring system and control method for grid attribute access control method based on bloom filter	Published	Mr. A. Mohamed Ibrahim	13-Dec-22	EEE
45	202241075088	Air pollution and quality monitoring system using ai and iot	Published	Ms.Geetha S K	24-Dec-22	CSE

46	202241076949	Iot-driven Healthcare System for Glioma Brain Tumor Detection and Classification Model Using Deep Learning	Published	Ms. T.Primya	29-Dec-22	CSE
47	202331001585	An improvised model that uses machine learning for the purpose of forecasting the price of bitcoin	Published	Dr. K Vidhya	07-Jan-23	CSE
48	202341001747	Medical data classification using dimensionality reduction combined with hybrid support vector neural network	Published	KPRIET - Dr. SENTHIL PRAKASH	09-Jan-23	CSE
49	202311002395	Design of an iot monitoring system for measuring light intensity and light gas level	Published	Dr.A.Kalaivani	12-Jan-23	S&H Phy
50	202341002610	Smart control system using iot for electric vehicles management	Published	Mr. G.Saravanan	12-Jan-23	EEE
51	202341004316	An artificial intelligence (ai) based self-administered injectable drug assembly and method thereof	Published	Dr. Aswathy RH	22-Jan-23	CSE
52	202321009097	Iot environment based development of smart healthcare monitoring system	Published	Mr. R Krishna kumar	11-Feb-23	BME
53	202311009304	Nanotechnology based sensors for monitoring soil quality of agricultural field and maintaining health of agricultural plants	Published	Dr. P.Suresh	13-Feb-23	CSE

54	202341010194	Systematic Deep Neural Network Development for Automatic Bone Age Assessment using Medical Images	Published	Dr Nisha Soms	15-Feb-23	CSE
55	202341010351	Bus terminus with zero conflict points between the vehicles and pedestrians	Published	KPRIET - MR.S.LOGESWARAN	16-Feb-23	Civil
56	202341010363	Namib beetle inspired construction technology for effective fog water harvesting	Published	KPRIET - Dr. K. S. ELANGO	16-Feb-23	Civil
57	202341010364	Farmer's techno binder	Published	KPRIET - Mr. ARUNKUMAR N	16-Feb-23	Chemical
58	202341011889	Detection and autism spectrum disorder in eeg signal using artificial intelligence	Published	Dr. R. Sivarama krishnan	22-Feb-23	CSE
60	202341014259	Implementation of machine learning and iot for early warning and detection of earthquakes in coastal area	Published	Ms. Sri Sathya Kb	03-Mar-23	CSE
61	202341015160	A machine learning algorithm for detecting driver drowsiness	Published	DR. P. ARUNKUMAR	07-Mar-23	BME
62	202341015361	Artificial intelligence based automatic prediction and prevention of gastric cancer and lung cancer using image processing and deep learning algorithms	Published	Dr. M Kathirvelu	07-Mar-23	ECE

63	202331015476	Hybrid classification scheme for plant disease recognition and detection in image processing	Published	Mr. Naveenkumar M	08-Mar-23	CSE
64	202321015802	Robust and efficient detection of cancer detection using machine learning and deep learning techniques	Published	Mr. R Krishna kumar	09-Mar-23	BME
65	202341016560	Early melanoma skin cancer detection and staging using artificial intelligence and machine learning	Published	Ms. B. Jency A Jebamani	13-Mar-23	CSE
66	202341018322	Design and testing of flat slab using coconut shell concrete	Published	Mr. S. YUVARAJ	17-Mar-23	Civil
67	202341020301	Synthesis of 2-methylimidazolium 2, 5 pyridine dicarboxylate zinc (ii) dihydrate for pharmacology	Published	Mrs. D. Sudha	23-Mar-23	Chemistry S&H
68	202341021299	Implementation of identification system using multilevel converters for active power filters	Published	Dr. V. S. Chandrika	24-Mar-23	EEE
69	202341026483	Water leakage detection and management system using iot	Published	KPRIET - MR. VIGNESHKUMAR N	10-Apr-23	Mech
70	202341026485	Flexa-an ai powered podium mic	Published	KPRIET -Mr. MANMATHAN A	10-Apr-23	Mech
71	202341026490	Automatic oil filling device for temple diyas	Published	KPRIET - DR.K.S.TAMILSELVAN	10-Apr-23	ECE

72	202341026786	Exploring the suitability of sun hemp reinforced epoxy composite using glycine max seed powder blend	Published	KPRIET -Dr. N. KARTHI	11-Apr-23	Mech
73	202341026787	Smart seat	Published	KPRIET - Mr. S. N. DINESH	11-Apr-23	Mech
74	202341026788	Sound analysis of waste tea dust based industrial safety helmet	Published	KPRIET - Dr. S. GOKULKUMAR	11-Apr-23	Mech
75	202341027045	Health monitoring device for diary cows using internet of things	Published	Dr. M.Vasim Babu	12-Apr-23	ECE
76	202341027391	An artificial intelligence and machine learning system to diagnose and treat neurological disorders	Published	Dr. G. Jenifa	13-Apr-23	CSE
77	202321027525	The internet of things (iot) could be helped by using photovoltaic cells to power wireless tags that are built into flexible perovskites	Published	Mr. Nitin B. Raut	14-Apr-23	CSE
78	202341028441	Battery distilled water replenishing technology	Published	KPRIET - MR. VIGNESHKUMAR N	19-Apr-23	Mech
79	202341028450	Sound absorption analysis of tamirand powder reinforced hybrid bio epoxy bio composites	Published	KPRIET - DR.L.PRABHU	19-Apr-23	Mech
80	202341028456	Experimental investigation of lignocellulosic bio fiber reinforced green epoxy composites	Published	KPRIET - DR.L.PRABHU	19-Apr-23	Mech