



KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)

Under sec. 3 of UGC Act 1956.



Anand Nagar, Krishnankoil - 626126. Srivilliputtur (Via), Virudhunagar (Dt), Tamil Nadu | Info@kalasalingam.ac.in | www.kalasalingam.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Total Number of Patents Published/Granted (2019-2022)

Details	2022	CAY (2021)	CAYm1 (2020)	CAYm2 (2019)	Total
Total Number of Patents Granted	--	01	34	122	157
Total Number of Patents Published	17	27	31	11	86
Grant Total	17	28	65	133	243

HoD/Mech



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DEPARTMENT OF MECHANICAL ENGINEERING

M.Tech Industrial Safety Engineering

Total Number of Patents Published by PG Faculty

Details	2022	CAY (2021)	CAYm1 (2020)	CAYm2 (2019)	Total
Dr.S.Bathrinath	01	--	--	--	01
Dr.S.Saravanasakar	--	--	--	01	01
Dr. M. Ramaganesh	--	01	02	--	02
Mr. R. Manikandan	--	--	01 (Granted)	--	01
Grant Total	01	01	03	01	06

HoD/Mech



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DEPARTMENT OF MECHANICAL ENGINEERING

List of Patents Published/Granted (2019-2022)

Sl.No	Name of the Inventor	Patent Number	Title of The Patent	Year of Award / publish of patent
1.	Dr. Jegathalaprathaban Rajesh, P. Jayakumar	202241024149 A	SOLAR POWERED AUTOMATIC PORTABLE OUT DOOR CAMPING BATH SHOWER	2022
2.	Dr. N. Karpagam, P. Jayakumar	202241024151 A	SOLAR POWERED AUTOMATIC DUAL SMOKE EXTRACTOR CHIMNEY	2022
3.	Veeranki Suriya Teja, Shital Manoharrao Pawar, Mrunalini Amol Deshmukh, Manish Kumar sinha, Dinesh kumar Vairavel, Bidhan Ghosh, Preeti Rajput, Kamal Shankar Patel, Dr Ajay kumar Garg, Malathi V, Shashi Kumar V N, Dr. S.B. Riswan Ali	202241022600 A	A SYSTEMATIC APPROACH FOR DISPOSING THE CONSTRUCTION WASTES IN AN EFFICIENT WAY WITHOUT HARMING THE ENVIRONMENT	2022
4.	Dr.S.Bathrinath,Dr.P.Lakshmi Prasanna,Dr.A.Shanmuganathan, Dr.M.S.Srinivasa Rao,Mr.M.Kalyan Chakravarthi,Mr.Nellore Manoj Kumar	202241015672 A	NANOROBOTICS FOR MEDICAL APPLICATIONS USING NEMS AND MEMS	2022
5.	Thiyagarajan Anitha, Dr. P. Ramkumar, Dr. V. Sathish Kumar, Dr. K. Kannan, Dr. C. Rajendran, Dr. T.J. Nagalakshmi, Ms. R. Mamatha, Dr. Harpreet Kaur, Dr, Harjit Kaur, Ms. G.	202241009073 A	IOT BASED INFANT HEALTH MONITORING SYSTEM	2022

	Deena, Dr. N. Suganthi			
6.	Dr.M.Sivasubramanian, A.P.Vijay Raj, B.Yogaprakash, I.Aaron	202241008036 A	VEHICLE LOAD DETECTION SYSTEM AND METHOD	2022
7.	Anish Nair, Mayandi K, Rajesh S, Rakhil V	202141058379 A	BEVERAGE COOLING APPARATUS AND METHOD	2022
8.	Dr.K.Mayandi,Anish Nair,Rajesh S, T. Mahanth,M.Dinesh	202241001740 A	CHAINLESS BICYCLE	2022
9.	S.Shasi anand, P.Jayakumar	202141060481 A	INFLIGHT GARBAGECOLLECTING FOLDABLE TROLLEY	2022
10.	M.Ayyanar Raja,V.Manikandan,s.Suresh Kumar,S.Rajesh,V.Arumuga Prabu	202241001326A	Wear resistant of basalt particulate- reinforced stir-cast A17075 metal matrix composites technology	2022
11.	S.Shasi anand, P.Jayakumar	202141060480 A	DAMPED BLANKET SQUEEZER MACHINE	2022
12.	S.Shasi anand, P.Jayakumar	202141060482 A	PORTABLE FIRE FIGHTING EQUIPMENT TROLLEY	2022
13.	N.Dhivya, P.Arunraj, R.Santhoshkumar, Anandha Krishnan R	202141061042 A	METHOD OF PREPARING ADHESIVE FROM TAMARIND SEEDS	2022
14.	S.SHASI ANAND, P.JAYAKUMAR	202141060483 A	DIGITAL MESSAGE INFORMER WITH AUDIBILITY	2022
15.	S.SHASI ANAND, P.JAYAKUMAR	202141060484 A	TEMPORARY STANCHION WITH LED ARRAY FOR AIRPORT	2022
16.	S.SHASI ANAND, P.JAYAKUMAR	202141060485 A	FLOOD EVACUATING FLOATING PUMP	2022
17.	M.AYYANAR RAJA, V.MANIKANDAN, S.SURESH KUMAR, S.RAJESH, V.ARUMUGA PRABU	202241001326 A	WEAR RESISTANCE OF BASAL PARTICULATE-REINFORCED STIR- CAST A17075 METAL MATRIX COMPOSITE TECHNOLOGY	2022
18.	S. Shasi anand, P. Jayakumar	202041043831 A	FORK LIFTER CAMERA	2021
19.	S. Shasi anand, P. Jayakumar	202041043832 A	AUTOMATIC SOLAR OPERABLE SANITIZER DISPENSER WITH ROOT LED LIGHT	2021

20.	S. Shasi anand, P. Jayakumar	202041043833 A	AUTOMATIC BATTERY OPERATED WATER TAP DISPENSER	2021
21.	S. Shasi anand, P. Jayakumar	202041043834 A	AUTOMATIC WATER TAP DISPENSER	2021
22.	S. Shasi anand, P. Jayakumar	202041043835 A	LED SIGN PATHWAY MAT	2021
23.	S. Shasi anand, P. Jayakumar	202041043836 A	FOOT OPERATED SANITIZER DISPENSER	2021
24.	S. Shasi anand, P. Jayakumar	202041043837 A	LED SIGN PATHWAY CONE	2021
25.	S. Shasi anand, P. Jayakumar	202141056025 A	PORTABLE HYDRAULIC WORK PLATFORM FOR FRP TANK MANUFACTURING PROCESS	2021
26.	S. Shasi anand, P. Jayakumar	202141056026 A	SOLAR POWERED HUMAN DETECTION SYSTEM FOR EMERGENCY EXIT	2021
27.	S. Shasi anand, P. Jayakumar	202141056027 A	TILTABLE HYDRAULIC TIPPING TRASH EMPTYING DEVICE	2021
28.	S. Shasi anand, P. Jayakumar	202141056028 A	SHOE SOLE CLEANING EQUIPMENT	2021
29.	S. Shasi anand, P. Jayakumar	202141056029 A	WATER GLASS WITH UV STERILIZED WITH SOLAR STIRRER LID	2021
30.	S. Shasi anand, P. Jayakumar	202141056030 A	WHEEL CHAIR TRANSFERRING HOIST FOR AMBULANCE	2021
31.	S. Shasi anand, P. Jayakumar	202141056031 A	AUTOMATIC MEDICATED PILLS DISPENSER WITH DOSAGE INFORMER	2021
32.	Dr. Vijaya kumar Gudivada, Mr. Vijaykumar patil, Dr. P. V. Pramila, Dr. S. Rajesh, Dr. Ragitha Radha krishnan, Dr. Rakesh Kumar, Mr. Mukesh Kumar, Dr. Sumit Chaudhary, Mr. Tarun Kumar, Mr. Devendra Singh Rathore	202141053106 A	EFFECTIVE AND COMPACT FACE DESCRIPTOR FOR DRIVER DROWSINESS DETECTION APPLIED WITH MACHINE LEARNING AND VISUAL BEHAVIOR	2021
33.	P.JAYAKUMAR	202141000015 A	PORTABLE URINE BAG WEIGHT ANALYSER	2021

34.	P.JAYAKUMAR	202141000016 A	URINE BAG WEIGHT ANALYSEER INTERGRAL WITH COT	2021
35.	S.SHASI ANAND, P.JAYAKUMAR	202141056033 A	PORTABLE OXYGEN CYLINDER LOAD/UNLOAD DEVICE FOR AMBULANCE	2021
36.	S.SHASI ANAND, P.JAYAKUMAR	202141056034 A	ROPE LANE DIVIDER	2021
37.	Mr.S.VIGNESH, M.GOKUL,Dr. WINOWLIN JAPPES J T	202141056975 A	TWIN-SCREW EXTRUDER	2021
38.	K.DINESH, Mr. M.ARMSTRONG, Dr. S.RAJESH, Mr. B.BALAJI, Mr. V.DINESH KUMAR, Mr. B.VIKRAM	202141057082 A	AGRICULTURAL TOOL	2021
39.	Dr. J.T.WINOWLIN JAPPES, Mr. M.ARMSTRONG, Dr. S.RAJESH, Z.MOHAMMED RAYON, Mr. M. SIVA PRAKASH	202141057947 A	ELECTROCHEMICAL MACHINING DEVICE	2021
40.	Mr. B. Issakkimunees, Mr. M. Armstrong, Dr. S. Rajesh, Mr. S. Sriganesh, Mr. N. Vijay, Mr. M. Velmurugan	202141058941 A	MULTI-PURPOSE PATIENT BED	2021
41.	Mr. M. Siva Prakash, Mr. M. Armstrong, Dr. S. Rajesh, Z. Mohammed Rayon, B. Abhinav Raju	202141058942 A	MINI DRAFTER	2021
42.	M.Ramaganesh, G.Ebenezer, Rajesh .S, K.Selvam	202141058943 A	HIGHER ALTITUDE WALL PAINTING MACHINE	2021
43.	Dr.Winowlin Jappes J T, S.Abhishek, Z.Ameenudeen, Dr.Adam Khan M	202141058944 A	HIGH HEAT TRANSFERABLE BIODEGRADABLE SUBSTRATES FOR MOLDABLE INTERCONNECT DEVICES	2021
44.	P. Jayakumar	202031000047 A	WALKKING STICK DROPPER ALARM (GRIPPING SENSOR)	2021

45.	P.Jayakumar,KARE	327097-001	Movable rope lane divider	2021
46.	1.M. Sivasubramanian 2.K. Maclin John Vasanth 3.N. Pradeep Kumar 4.R. Karthisamy 5. Dr. S.Rajakarunakaran	344995	A Single Cylinder Triple Acting Reciprocating Pump	2020
47.	1)S.Shasi Anand 2)P.Jayakumar 3)J. Deny 4)P. Naveen 5)G. Ramesh	201941014408 A	Tactile Mat With Sensor	2020
48.	1)S.Shasi Anand 2)P.Jayakumar 3)J. Deny 4)P. Naveen 5)G. Ramesh	201941014409 A	Iv Fluid Level Alarming Device	2020
49.	1)S. Shasi Anand 2)P.Jayakumar 3)J. Deny 4)P. Naveen 5)G. Ramesh	201941014434A	Mouse Trap Fencing	2020
50.	1.P. Karthikeyan 2.R. Manikandan 3.S.Manoj Prabhakar 4.M. Sivasubramanian Et Al.	353276	Semi-Automated Air Filter Cleaning Device	2020
51.	Dr.S.Rajesh, Dr. N. Rajini, Dr. S. Suresh Kumar, Mr. J. Manivannan, Mr. R. Manikandan, Mr. K. Arun Prasath, Mr. I. Rajkumar, Mr. M. Ramaganesh	202041001411 A	Cost Effective Method For Making Cylindrical Composites From Particulates	2020
52.	P.Jayakumar,KARE	330848-001	Power Operated Water Dispenser with Foot Pedal Switch	2020
53.	P.Jayakumar,KARE	325317-001	MANUAL BANANA LEAF CUTTING DEVICE	2020
54.	P.Jayakumar,KARE	330849-002	KLOSK with Touch Free Dual Sanitizer Dispensing Apparatus	2020
55.	P.Jayakumar,KARE	330850-004	Fore Arm Operable Urinal Flush	2020
56.	P.Jayakumar,KARE	331430-001	Desktop Touch Free Sanitizer	2020
57.	P.Jayakumar,KARE	330850-002	Pedal Type Liquid Soap and Water Dispenser with Water Inlet Valve	2020

58.	P.Jayakumar,KARE	330849-001	FRP Sanitizer Storage Tank	2020
59.	P.Jayakumar,KARE	331430-002	Portable Pedal Operated Sanitizer Dispenser	2020
60.	P.Jayakumar,KARE	330850-005	Portable Pedal Type Water Dispenser with Water inlet valve	2020
61.	P.Jayakumar,KARE	330849-003	Portable Pedal Operated Sanitizer Dispensing Apparatus	2020
62.	P.Jayakumar,KARE	330850-001	Portable Pedal Type Liquid Soap and Water Dispenser	2020
63.	P.Jayakumar,KARE	330850-003	Portable Pedal Type Water dispenser with sanitizer dispenser	2020
64.	P.Jayakumar,KARE	331429-001	Portable PVC foot operable water dispenser	2020
65.	P.Jayakumar,KARE	330848-002	Touch free water dispenser	2020
66.	Dr Vasudevan, P Jayakumar	332953-001	Manual Sanitizer dispensing device	2020
67.	P.Jayakumar,KARE	332951-001	Solar operatable touch free sanitizer dispenser	2020
68.	P.Jayakumar,KARE	332949-001	Semi automatic foot operated water dispenser	2020
69.	P. Jayakumar,I. Mukesh,	325335-001	Automatic Filer (Rectangle)	2020
70.	P.Jayakumar,KARE	334504-002	Portable Toilet with Automatic Flush Sensor for Visually Disabled	2020
71.	P.Jayakumar,KARE	334504-001	Portable Toilet with Manual Flushing System for Visually Disabled	2020
72.	P.Jayakumar,KARE	334510-001	Battery Operated Portable Water Dispenser	2020
73.	P.Jayakumar,KARE	334511-002	Solar operable automatic sanitizer with detachable solar panel	2020
74.	P.Jayakumar,KARE	334511-001	Solar operated touch free sanitizer with LED illumination	2020
75.	P.Jayakumar,KARE	334509-002	Portable cone stacker with trolley	2020
76.	P.Jayakumar,KARE	334509-001	Front and rear view monitor for fork lift	2020
77.	P.Jayakumar,KARE	334508-002	LED illuminated social distancing pathway	2020

			mat	
78.	P.Jayakumar,KARE	334508-001	LED illuminated social distancing pathway cones	2020
79.	P.Jayakumar,KARE	327097-002	Moving Height Adjustable Road Divider	2020
80.	P.Jayakumar,KARE	310920	Keychain for Visually Impaired	2020
81.	P.Jayakumar,KARE	316777-002	Solar Surface Mat with Mist spraying system for Vendors	2020
82.	P.Jayakumar,KARE	306646	Solar fish Tank Lid for Aquiculture	2020
83.	P.Jayakumar,KARE	313615-005	Rectangular water storage container with ceramic filter	2020
84.	P.Jayakumar,KARE	325315-002	Detachable Hospital Bed Food Table	2020
85.	P.Jayakumar,KARE	325318-001	Adjustable Baby Feeding Cot for Hospitals	2020
86.	P.Jayakumar,KARE	325318-002	Adjustable Baby Feeding Table for Hospitals	2020
87.	Dr.K.SUTHENDRAN & Mr.P.JAYAKUMAR	316793-001	REAR SIDE LIGHT ACTIVATED SIGNALING DEVICE FOR VECHICLES	2020
88.	Dr.S.Rajesh, Dr. N. Rajini, Dr. S. Suresh Kumar, Mr. J. Manivannan, Mr. R. Manikandan, Mr. K. Arun Prasath, Mr. I. Rajkumar, Mr. M. Ramaganesh	202041001411 A	COST EFFECTIVE METHOD FOR MAKING CYLINDRICAL COMPOSITES FROM PARTICULATES	2020
89.	P.Jayakumar,KARE	310984	Wearable Electronic Device for Blinds	2020
90.	P.Jayakumar,KARE	310918	Braille Stylus Location Finder	2020
91.	P.Jayakumar,KARE	313495-001	Electromagnetic Slider Lock	2020
92.	P.Jayakumar,KARE	316918-001	Iced Display Tray for Fish	2020
93.	P.Jayakumar,KARE	201841049338	Obstacles Sensing Device for Visually Impaired	2020
94.	P.Jayakumar,KARE	201841049339	Walking Stick Fall Down Alarm With Tactile Sensor	2020

95.	P.Jayakumar,KARE	201841049340	Indoor Obstacles Alerting Device for Visually Impaired	2020
96.	P.Jayakumar,KARE	201841049342	Illuminated Fiber Glass Flower Pot Tray	2020
97.	P.Jayakumar,KARE	201841049343	Auto closure Window Door	2020
98.	P.Jayakumar,KARE	201841049344 A	Hydraulic Plywood Panel Lifting Equipment	2020
99.	P.Jayakumar,KARE	201841049345 A	Hydraulic Cement Pan Lifting Equipment	2020
100.	P.Jayakumar,KARE	201841049346	Walking Stick Fall Down Alarm with Proximity sensor	2020
101.	P.Jayakumar,KARE	201841049347	Hydraulic Platform and cement pan holder Lift	2020
102.	P.Jayakumar,KARE	201941000020	Triple Layered Fish Farming Tray	2020
103.	Mr.P.JAYAKUMAR & Dr.K.SUTHENDRAN	325311-001	PORTABLE SHELTER FOR CAR	2020
104.	P.Jayakumar,KARE	325314-001	Walking Stick with LED	2020
105.	P.Jayakumar,KARE	325309-002	Clip Type Rail Guard Accessory for Hospital Stretcher	2020
106.	P.Jayakumar,KARE	325315-001	Adjustable Food Table for Hospital Beds	2020
107.	P.Jayakumar,KARE	325316-001	Digital Urine Volume Measuring Device	2020
108.	P.Jayakumar,KARE	325317-001	Manual Banana Leaf Cutting device	2020
109.	P.Jayakumar,KARE	325309-001	Rail Guard Accessory for Hospital Stretcher	2020
110.	P.Jayakumar,KARE	325335-002	Automatic Filer (Rounded)	2020
111.	P.Jayakumar,KARE	313497-001	Mobile Concrete Mixer	2019
112.	P.Jayakumar,KARE	313556-001	Tray for Vermicomposting	2019
113.	P.Jayakumar,KARE	316778-001	Dry Iron	2019
114.	P.Jayakumar,KARE	313560-001	LED Lamp	2019

115.	P.Jayakumar,KARE	316919-001	Digital Rear side speedometer for Vehicles	2019
116.	P.Jayakumar,KARE	313615-006	ROUND WATER STORAGE CONTAINER WITH CERAMIC FILTER	2019
117.	P.Jayakumar,KARE	316779-002	Cart with Water Sprinkler	2019
118.	P.Jayakumar,KARE	316777-001	Cotton Seat Cover for Two Wheeler	2019
119.	P.Jayakumar,KARE	310992	Design to Walking Stick	2019
120.	P.Jayakumar,KARE	316779-003	Solar Vendor's Cart with Mist spraying system	2019
121.	KARE, Dr. S. Shasi Anand P. Jayakumar M. Raja S. Suprakash A. Saravanan C. Bala Subramanian	201941045092	Biometric and Image Sensing Digital Door	2019
122.	KARE, Dr. S. Shasi Anand P. Jayakumar K. Sundar J. Christina Rosy S. Ram Kumar Pandian P. Priya	201941045093	Temperature Monitoring and Image Capturing Kit for CO2 Incubator	2019
123.	KARE, Dr. S. Shasi Anand P. Jayakumar R. Ramalakshmi C. Bala Subramanian R. Kanniga Devi S. Karkuzhali	201941045095	Preceptible Handbag for Visually Impaired	2019
124.	KARE, Dr. S. Shasi Anand P. Jayakumar Dr. G. Vishnuvarathanan Dr. A. Muthukumaran Dr. Naresh Kumar Sharma S. J. Kabilan	201941045096	Audible Digital Conical Flask for Visually Impaired	2019
125.	KARE, Dr. S. Shasi Anand P. Jayakumar P. Sivakumar G. Ramesh K. Pandiaraj Radeep Krishna Radhakrishnan Nair	201941045097	Audible Digital Vernier Caliper for Visually Impaired	2019
126.	KARE, Dr. S. Shasi Anand P. Jayakumar M. Jayaprabhakaran T. Kathiresan M. Shakti Chandravadhana M. Shalini	201941045098	Audible Digital Measuring Spoon for Visually Impaired	2019

127.	KARE, Dr. S. Shasi Anand P. Jayakumar K. Jeya Prakash P. Manikandan P. Naveen CH. Nikhil Kumar	201941045099	Automatic Toilet Cleaning Indicator for the Blind	2019
128.	KARE, Dr. S. Shasi Anand P. Jayakumar A. Robert Singh Dr. K. Suthendran Dr. S. P. Balakannan P. Velmurugadass	201941045100	Temporary Speed-Breaker Early Warning Device	2019
129.	P.Jayakumar,KARE	313560-002	Decorative Lamp	2019
130.	P.Jayakumar,KARE	313615-003	Copper Water Storage container with Submersible Ceramic Filter	2019
131.	P.Jayakumar,KARE	313498-002	Banana Stem Slicer	2019
132.	P.Jayakumar,KARE	313557-001	Window with Shutters	2019
133.	P.Jayakumar,KARE	320090-001	Mobile Phone Charger with Holder Bag	2019
134.	Mr.C.Bala Subramanian	201941035228	SYSTEM AND METHOD FOR SELECTING BASE STATION IN A WORLDWIDE INTEROPERABILITY FOR MICROWAVE ACCESS NETWORK	2019
135.	P.Jayakumar,KARE	320033-001	Digital Water Flow Meter	2019
136.	P.Jayakumar,KARE	320034-002	Sun Screen for Car Windows	2019
137.	P.Jayakumar,KARE	320035-001	Electrical Socket Extension Box	2019
138.	P.Jayakumar,KARE	320038-001	Non label Identifying device	2019
139.	P.Jayakumar,KARE	320089-001	Foldable Tumbler Holder for Children	2019
140.	P.Jayakumar,KARE	320090-002	Mobile Phone Charger with Holder	2019
141.	P.Jayakumar,KARE	320211-002	Umbrella Mound with Belt	2019
142.	P.Jayakumar,KARE	320213-001	Vehicle Maintenance LED Hand Lamp	2019
143.	P.Jayakumar,KARE	320032-002	Fruit Chilling Portable Basket	2019

144.	P.Jayakumar,KARE	320040-001	Air Cooling Accessory for Table Fans	2019
145.	P.Jayakumar,KARE	320040-002	Portable Water Cooler	2019
146.	P.Jayakumar,KARE	320041-001	Handrail Anti – Slip Rod	2019
147.	P.Jayakumar,KARE	320034-003	Roof Sheet Hoisting device	2019
148.	P.Jayakumar,KARE	320036-001	Mouse with Calculator	2019
149.	P.Jayakumar,KARE	320039-001	Mouse Trap with Alarm	2019
150.	P.Jayakumar,KARE	320040-003	Instant Water Filter With Straw	2019
151.	P.Jayakumar,KARE	320042-001	Height Adjustable Led Lighting Fixture	2019
152.	P.Jayakumar,KARE	320031-001	Adjustable Sliding Accessory for Furniture Legs	2019
153.	P.Jayakumar,KARE	320031-002	Height Adjustable Stool	2019
154.	P.Jayakumar,KARE	320034-001	Portable hydraulic work platform with adjustable seat	2019
155.	P.Jayakumar,KARE	320034-004	Roof Sheet elevating rope	2019
156.	P.Jayakumar,KARE	320037-003	Shoe Sole Cleaning Machine	2019
157.	P.Jayakumar,KARE	320043-001	Biscuit intact shape identifier	2019
158.	Dr.K.Suthendran and P.Jayakumar	320088-001	Lizard Trapper and Killer	2019
159.	P.Jayakumar,KARE	320089-002	Foldable Paper Cup Holder for Children	2019
160.	P.Jayakumar,KARE	320030-001	Bag with Umbrella	2019
161.	P.Jayakumar,KARE	320031-003	Sliding Accessory for Furniture Legs	2019
162.	P.Jayakumar,KARE	320035-002	Extension Connector for Electrical Sockets	2019
163.	P.Jayakumar,KARE	320037-001	Floor Cleaning Equipment	2019
164.	P.Jayakumar,KARE	320037-002	Dust Suction Apparatus for Fiber Reinforced Plastic (FRP) Tanks	2019

165.	P.Jayakumar,KARE	320211-001	Shopping Bag Holder	2019
166.	P.Jayakumar,KARE	320212-002	Foldable Multi Paper Cup Holder	2019
167.	Mr. K. ARUN PRASATH,Dr. ANISH NAIR,Mr.M. SELWIN, Mr.I. RAJKUMAR , A. MOHAMMED TAUFEQ ALI ,M.S. MUTHUGOPAL ,R. PRAGADEESH ,M. JAGANATHAN	201941031046 A	MANUFACTURING OF BRICKS FROM WASTE PET BOTTLE PLASTICS	2019
168.	Dr.G.Murugaboopathi Dr.R.Kanniga Devi Dr.A.Francis Saviour Devaraj Dr.S.Shasi Anand	201941031048	UNLOCK PATTERN TO REMOVE SUBSCRIBER IDENTITY MODULE (SIM) FROM A MOBILE PHONE	2019
169.	P.Jayakumar,KARE	313496-003	Measuring Spoon with Speaker	2019
170.	P.Jayakumar,KARE	313558-001	Vehicle Indicating Device with Led Display	2019
171.	P.Jayakumar,KARE	313557-003	Portable Vehicle Shed	2019
172.	P.Jayakumar,KARE	313615-001	Solar Powered Liquid Blender	2019
173.	P.Jayakumar,KARE	310916	Audible Laboratory Acid Bottle Stand	2019
174.	P.Jayakumar,KARE	316993-001	Portable Car Shed	2019
175.	P.Jayakumar,KARE	316784-001	Portable Air Conditioned protractible shelter	2019
176.	P.Jayakumar,KARE	316780-001	Infra-Red Electrical Power Point	2019
177.	P.Jayakumar,KARE	317088-001	Automatic Retractable Cloth Drier for Multistoried Residential Buildings	2019
178.	P.Jayakumar,KARE	316920-003	Lid For Sanitary Tank	2019
179.	P.Jayakumar,KARE	316777-004	Heat Protective Coir Seat Cover for Two Wheelers	2019
180.	P.Jayakumar,KARE	316779-005	Collapsible Trolley	2019

181.	P.Jayakumar,KARE	316783-002	Fiber Re-Enforced Plastic (FRP) Storage Tank for Mobile Water Supply	2019
182.	P.Jayakumar,KARE	316920-002	Portable Uv Water Purifier	2019
183.	P.Jayakumar,KARE	316921-001	Fish tank lighting Accessory	2019
184.	P.Jayakumar,KARE	316918-002	FRP Tray for Display of Fishes	2019
185.	P.Jayakumar,KARE	316783-003	Insulated FRP Water Storage Tank	2019
186.	P.Jayakumar,KARE	316781-001	Books Placement Identifier for Libraries	2019
187.	P.Jayakumar,KARE	316783-001	Storage Tank for Mobile Water Supply	2019
188.	Dr.S.Saravanasankar, Jayakumar	P. 316794-001	Fiber Re-Enforced Plastic (FRP) Tank cover	2019
189.	P.Jayakumar,KARE	316992-001	Manual Retractable Cloth Dryer for Multistoried residential Buildings	2019
190.	P.Jayakumar,KARE	317089-001	Stretcher Table Cleaning Device for Hospitals	2019
191.	P.Jayakumar,KARE	316782-002	Solar Cricket stump stand with Stumps	2019
192.	P.Jayakumar,KARE	316779-001	Folding Trolley	2019
193.	P.Jayakumar,KARE	316777-003	Portable Book Rack with Book Placement Identifiers	2019
194.	P.Jayakumar,KARE	316782-001	Solar Cricket stump stand	2019
195.	P.Jayakumar,KARE	316782-003	Electronic Cricket stump with wicket indicator	2019
196.	P.Jayakumar,KARE	316779-004	Vendor's Cart with Mist spraying system	2019
197.	P.Jayakumar,KARE	316920-001	Portable Uv Purifier for Bottled Drinks	2019
198.	P.Jayakumar,KARE	316917-001	Surface Mat with Mist Spraying system for vendors	2019
199.	P.Jayakumar,KARE	306588	Construction Material Lifting Device with Work Platform	2019
200.	P.Jayakumar,KARE	306582	Portable Shed for Indoor Plant Vegetation	2019

201.	P.Jayakumar,KARE	310993	Wearable Obstacle Sensing Device for Visually Impaired	2019
202.	P.Jayakumar,KARE	296898	Helmet stand with lock	2019
203.	P.Jayakumar,KARE	306650	Trolley for transporting flower pots	2019
204.	P.Jayakumar,KARE	310991	Laboratory Device for Identifying Liquids	2019
205.	P.Jayakumar,KARE	310915	Digital Audible Volume Measuring Device For Conical Flask	2019
206.	P.Jayakumar,KARE	310986	Case for Tooth Paste Tube and Brush	2019
207.	P.Jayakumar,KARE	310914	Walking Stick Location Finder for Visually Impaired	2019
208.	P.Jayakumar,KARE	296910	Flower collection bin with lighting apparatus	2019
209.	P.Jayakumar,KARE	296912	INDICATOR FOR EMERGENCY RECOVERY VEHICLE	2019
210.	P.Jayakumar,KARE	296914	Portable shed with roof top for gardening	2019
211.	KARE, P.Jayakumar	310995	Signaling Device for Blind People	2019
212.	P.Jayakumar,KARE	310921	Bag with Remote Sensing Buzzer for Visual Impaired	2019
213.	P.Jayakumar,KARE	310985	Dental kit	2019
214.	DR.K.Suthendran, P. Jayakumar	316793-001	Rear Side-Light Activated Signaling Device for Vehicles	2019
215.	P.Jayakumar,KARE	310987	Safety Direction Mat for Escalators	2019
216.	P.Jayakumar,KARE	310989	Solar Flower Pot	2019
217.	P.Jayakumar,KARE	306764	Portable Solar Vegetable and Fish Dryer	2019
218.	P.Jayakumar,KARE	310917	Audible Medicine Indicator	2019
219.	P.Jayakumar,KARE	306586	Wheel Chair for Invalids	2019
220.	P.Jayakumar,KARE	306648	Solar Electric Candle	2019

221.	P.Jayakumar,KARE	306587	Portable Solar Vegetable Dryer	2019
222.	P.Jayakumar,KARE	313557-004	Portable Shed for Two Wheelers	2019
223.	P.Jayakumar,KARE	313615-002	Solar Powered Liquid Mixer	2019
224.	P.Jayakumar,KARE	313499-002	Mouse Trap	2019
225.	P.Jayakumar,KARE	313500-001	Safety Door	2019
226.	P.Jayakumar,KARE	306645	Trolley for Flower Pot	2019
227.	P.Jayakumar,KARE	313496-002	Digital Measuring Apparatus for Milk	2019
228.	P.Jayakumar,KARE	313498-005	Banana Leaf Cutting Apparatus	2019
229.	P.Jayakumar,KARE	313557-002	Portable Air-conditioned Shed for Vegetables	2019
230.	P.Jayakumar,KARE	313496-001	Volume Measurement Jar	2019
231.	P.Jayakumar,KARE	313496-006	Milk Measuring Device for Dairy Farms	2019
232.	P.Jayakumar,KARE	313498-001	Variable Size Banana Leaf Cutter	2019
233.	P.Jayakumar,KARE	313498-003	Generator Powered Concrete Mixer	2019
234.	P.Jayakumar,KARE	313499-001	Mouse Trap With Fencing	2019
235.	P.Jayakumar,KARE	313529-001	Water Can Lifting Apparatus	2019
236.	P.Jayakumar,KARE	313530-001	Firewood Drying Apparatus	2019
237.	P.Jayakumar,KARE	313531-002	Portable Firewood Furnace	2019
238.	P.Jayakumar,KARE	313532-001	Portable Shed for Rain Water Harvesting	2019
239.	P.Jayakumar,KARE	313533-002	Public Light Fixtures	2019
240.	P.Jayakumar,KARE	313558-003	Solar Powered Speed Breaker Alerting Device	2019
241.	P.Jayakumar,KARE	313615-004	Ultra Violet Water Purifier	2019

242.	P.Jayakumar,KARE	306584	Fire Extinguisher	2019
243.	P.Jayakumar,KARE	313496-005	Volume measurement device	2019