

Patents

**1. GRANTED PATENTS**

S. No.	Application No	Applicants	Title	Application Date	Application Status
1.	Design no. 337058-001	<b>K. Palanikumar</b>	Protective Head wear for Autism Patients with LED Light	31/12/2020	Granted on 21/01/2021
2.	Design no. 33/200-001	<b>K. Palanikumar</b>	Protective Head wear for Autism Patients	05/01/2021	Granted on 03/02/2021
3.	201941012141	<b>Dr.K.Palanikumar</b> Dr. V.Brindha Devi P.Sharmila Neeraja.S  Pavitra.P  Queency Leena Sawyer	Wireless security camera for stalker and threat identification	28/03/2019	Granted on 09/04/2021
4.	201641012809	A. Shadrachjeya sekaran  <b>K PalaniKumar</b>	Woven Aloe vera/ Sisal/Kenaf Fibre Epoxy composites for Corrugated Roof sheet	01.06.2016	Granted on 30/06/2021
5.	201741010893	<b>K.Palanikumar</b>  T.Gowshik S.Balaji  R.satish  GrandheVenkata Karthik  S.AiswaryaDevi  R.M.Asha	A cattail fiber activated charcoal cartridge for the filtration and removal of the pah from the aque	28/03/2017	Granted on 29/07/2020 Awaiting NBA approval.

6	201741028002	1. <b>K.Palanikumar</b> 2. T.Srinivasan 3.E.Thamizhmaran 4.S.Rahavendhor 5.B. Abhijeeth 6 .S.Solomon Jaisingh	An automatic system and method for the detecting and arresting of the LPG spillage from the gas stove	07/08/2017	Granted on 27/10/2021
7	201841025468	<b>K. PALANIKUMAR</b> G. SHANMUGASUNDAR TANUSH.H.BHASKAR N.KISHORE S.A.VETRI GANESH ANISSH KHAAN.I	An Exoarm Frame Structure Utilizing Electrical Actuators For Arm Rehabilitation And Effortless Load	13/07/2018	Granted on 07/03/2022 391332
8	201741011384	<b>K.PALANIKUMAR</b> ARVINDH.R SHUBHAM SHEKHAR VENKATESAN.M VIGNESH.A L.VIJAYARAJA	Electricity generator from SMOG(RF and Electromagnetic waves)	21/04/2017	Granted on 27/04/2023 430200
9	201641044018	K.Palanikumar K.R.Bharat	A DURABLE MULTI-LAYERED PROTECTIVE COVER ENCLOSING THE HEAD AND NECK OF THE FIREFIGHTERS	30/12/2016	Granted on 17/03/2023 425587

10	201741042997	1. <b>Dr. K.Palanikumar</b> 2.G.Shanmugasundar 3.Tanush.'H.Bhaskar 4.N.Kishore 5.AnisshKhaan.I 6. S.A.VetriGanesh	Exo Skeleton Arm using Block and Tackle Mechanism	30/11/2017	Granted on 10/02/2023 421260
11	201741016072	1. <b>Dr.K.Palanikumar</b> , 2 . <b>K.R.Bharat</b>	A fibre reinforced hybrid polymer composite protective mechanism for the head	08/05/2017	Granted on 2/5/2023 430939
12	337387-001	<b>R.Arunkumar</b>	The application of such design to PLIER	10/1/2021	Granted on 16/12/2022

## 2. PUBLISHED PATENTS

S. No.	Application No	Applicants	Title	Applicati on Date	Applicati on Status
1	202141029314	1. <b>Dr.K.Palanikumar</b> 2 . Dr.B.Sreedevi 3 .P.S. Sudharshan 4 .B. Krishna Moorthy 5 .Dr.Karel L Sterckx	VLC Transceivers For Smart Museums	30/06/2021	Published 09/07/2021

2	202141026318	<ol style="list-style-type: none"> <li>1. <b>K.Palanikumar</b></li> <li>2. G.Shanmugasundar</li> <li>3 . V. Brindha devi</li> <li>4 . S. Meganathan</li> <li>5 . G. Fenneth moses</li> <li>6 . S. Jayachandran</li> <li>7 . V.d. Rathnavel subramanian</li> <li>8 . R. Rajagopalan</li> <li>9 . M. Dharanidharan</li> <li>10 . D.Vishwa</li> </ol>	An Integrated Farming Equipment With IOT Control & Nbsp;Mo Dule And Photovoltaic Arrangement	14/06/2021	Published 25/06/2021
3	202041051703	<ol style="list-style-type: none"> <li>1.A.Ponmalar</li> <li>2.<b>K.Palanikumar</b></li> <li>3.S.Priyanka</li> <li>4.G.Nokudaiyaval</li> <li>5.M.Saran</li> </ol>	Auto Navigation Drone System	27/11/2020	Published 11/12/2020
4	202041045084	<ol style="list-style-type: none"> <li>1. Vijayaraja L</li> <li>2. Dhanasekar R</li> <li>3. <b>K. Palanikumar</b></li> <li>4. Dhinakaran M.S</li> <li>5. Dinesh kumar R</li> <li>6.JoahnasMathewSaji</li> <li>7 .Vijay S</li> </ol>	A device and method for assisting in self-learning of the braille language to visually impaired end users	16/10/2020	Published 30/10/2020
5	202041044652	<ol style="list-style-type: none"> <li>1 .G.Shanmugasundar</li> <li>2.<b>K. Palanikumar</b></li> <li>3.Anooj.M</li> <li>4.Maniponraja.H</li> <li>5.Jayant.M</li> <li>6.Yokeshkrishna.P</li> </ol>	An automatized load carrying electric vehicle with custom path navigation	14/10/2020	Published 30/10/2020
6	202041042710	<ol style="list-style-type: none"> <li>1.G.Saravanan</li> <li>2.<b>K.Palanikumar</b></li> <li>3.Hrini Karthik</li> <li>4.M.Unashalini</li> <li>5.V.Janani</li> <li>6.B.Uivashini</li> </ol>	E-glove	01/10/2020	Published 09/10/2020

7	201941008408	1. <b>Dr. K.Palanikumar</b> 2. SharmilaP 3. SkandaGurunathan 4. S.Vivekanandan 5. ShankarT 6. AravindG	An authentication slip procurement system for a public transport vehicle	05/03/2019	Published 17/05/2019
8	201841026260	1. <b>K.Palanikumar</b> 2.K.C.Suresh 3.B.Krishnamoorthy	A sign language translator glove	13/07/2018	Published 20/07/2018
9	201841016343	1. <b>K.Palanikumar</b> 2. B. Sreedevi 3. P. Navaneeth 4. H.Akshay 5. M. Nirmalraj 6 . S. Athreya	Mind controlled gaming for the differently abled	01/05/2018	Published 11/05/2018
10	201741027560	1. <b>K.Palanikumar</b> 2. R.Nagammmainachu 3.V.Kayalvizhi 4.S.Mythili 5.S.Malathy 6.S.Rajarajan	A system and a method for toggling the operating state of electrical appliances through user gesture	03/08/2017	Published 11/08/2017
11	201741016072	1. <b>Dr.K.Palanikumar</b> 2 . K.R.Bharat	A fibre reinforced hybrid polymer composite protective mechanism for the head	08/05/2017	Published 19/05/2017
12	201741012896	1 . <b>K.Palanikumar</b> , 2 . J. Ilakkiya, 3. A.Subathra, 4 . S. Ragavi,	Phoneme Encryptor	11/04/2017	Published 21/04/2017
13	201741011384	1 . <b>K.Palanikumar</b> 2 . Arvindh.R 3. Shubham Shekhar 4. Venkatesan.M 5. Vignesh.A 6 . L.Vijayaraja	Egensor	30/03/2017	Published 21/04/2017

14	201641044018	1.K.Palanikumar 2.K.R.Bharat	A durable multi-layered protective cover enclosing the head and neck of the firefighters	23/12/2016	Published 3/1/2017
15	201641036636	1. K. Palani kumar 2 .S. Dilip kumar 3 .C. Amarnath 4 .C. Rakesh	A multi-layered natural fiber reinforced composite sheet laminate	26/10/2016	11/11/2016
17	202241077126	P.Nanthakumar	CUSTOMIZED WASTES SEGREGATION WITH MACHINE LEARNING FOR SUSTAINABLE DEVELOPMENT	30/12/2022	30/12/2022
18	202241077125	P.Nanthakumar	SMART DUSTBIN WITH DOOR OPENING AND BELT MECHANISM	30/12/2023	30/12/2022
19	202241077127	G.Shanmugasundar	“Multi-Purpose Ornithopter For Industrial Safety Monitoring “	30/12/2022	30/12/2022
20	202241076700	G.Shanmugasundar	Brain Computer Interfaced (Bci) System For Non-Touch Remote Controlling Of The Household Electrical Devices Providing Home Automation	29/12/2022	6/1/2023
21	202241076703	G.Shanmugasundar	“Brain Computer Interfaced (BCI) System For Non Contact Controlling Of The Navigational Device To	29/12/2022	6/1/2023

			Assist The Physically Challenged Users “		
22	202241069779	Mareeswaran M	A System For Analysis Effect Of Marketing Mix On The Competitive Advantage Of Msme In India And Method Thereof	02/12/2022	30/12/2022
23	202241069528	Mareeswaran M	A System For Evaluating Mediating Effect On Attributes Choice Of Business And Perception On Success Of Entrepreneurs	1/12/2022	30/12/2022
24	202211058338	Mareeswaran M	A System For Evaluating The Role Of Emotional Intelligence And Work Life Balance In Job Stress And Method Thereof	12/10/2022	12/10/2022
25	202211058693	Mareeswaran M	An Artificial Intelligence-Based System And Online Web Application Based Games For Social Psychology Perspective And Assistance On The Barriers To Effective Communication And Teamwork	14/10/2022	14/10/2022
26	202241051542	1 . G.Shanmugasundar 2 . A. Aravindha Krishna 3 . A. Yamini 4 . S. M. Anand 5 . P. Kishore kanna	Neuro signal and voice data controlled travelling equipment	09/09/2022	16/10/2022

27	202241051513	1 . G.Shanmugasundar 2 . M.Gowtham	An Artificial Intelligence Based Inspection Device	09/09/2022	16/10/2022
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