

**Patents Applied and Published Details**

S.No.	Patent Title	Applicants Name	Patent Filed Date	Patent Status (Applied/Filed/Granted)
1.	Plant Health Monitoring System	Mr.P.Govindaraju Mr.M.M.Arunprasath	08.12.2022 Design No: 375236-001	Certified and Registered for Design
2.	Wearable Electronic Monitoring Device for Baby Health	Ms. B. Latha Ms. P. Mohana Sunthari Mrs. V. Sindhuja	Patent Filed Date 26/11/2022 Patent number 202211068063 A	Published Date: 02/12/2022
3.	The detection of varied EEG Pattern Signal for Chronic Migraine Patients Using Machine Learning Approach	M.Dharani	Patent Filed Date: 15/11/2022 Patent number 202241065256 A	Published Date: 25/11/2022
4.	Prediction of malicious communication in vehicular adhoc network using Artificial intelligence technique	Dr. S. Jayachitra Ms. M. Jeyabharathi	Patent Filed Date: 16/11/2022 Patent number 202231065594 A	Published Date: 18/11/2022
5.	An Artificially Intelligence System For Monitoring and Preventing Dryness in Plants	M. V. Mahesh T.Marathandan Mr.M.M.Arun Prasath Mr.M. Udhayakumar S.Thulasiraman A.Suriya Dhaanu.S	Patent Filed Date: 13/09/2022 Patent number 202241052122 A	Published Date: 23/09/2022
6.	An Artificial Intelligence Based System to Assist the Commute for Visually Challenged	Dr. R. Nandakumar Dr. S. Jayachitra B. Vinothkumar Amutha K. Kannan M. Ragavan V. Thangaraj K.	Patent Filed Date: 13/09/2022 Patent number 202241052116 A	Published Date: 23/09/2022
7.	The Novel routing Protocol for efficient network topology in smart grid Infrastructure	Mr.M. Udhayakumar Mr.M.M.Arun Prasath Mr.B.Vinothkumar	Patent Filed Date: 17/10/2022 Patent number 202231059317 A	Published Date: 21/10/2022

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8.	An Artificial intelligence Based Organic LED Farming During Post COVID 19	Dr. Vijayakumar Perumal Mrs. Karthika RN Saiful Islam Quadri Noorulhasan Naveed Dr. T. Srihari Dr. W. Deva Priya Ashima Gakhar Dr. Parvinder Bangad Sanjeevkumar Angadi Venkata Raghavendra Miriampally Mr. Chinnapalli Likith Kumar Dr. Sridhar Poosapadi Arjunan Mrs. Sirigireddy Pravallika Dr.K.Kavita Dr Manabhanjan Sahu	Patent Filed Date: 23/03/2021 Patent number IP AUSTRALIA 2021101469	Granted- 28/04/2021
9.	A Method for Rainfall Prediction Using Artificial Neural Networks	Mr.G.L.Abishek Dr.S.S.Manikandasaran Dr.R.Nandakumar Dr.Rajesh Doss Mr.R.Ashokkumar Dr.Ahmed Kabeel Dr.K.Sathiyasekar Mrs.Savita Vivek Mohurle Mr.E.Dinesh Mr.C.Nandagopal Dr.K.Mahendran Mr.K.Anand Dr.S.Velmurugan Dr.B.Gunapriya Dr.D.Jeba Derwin	Patent Filed Date: 25/12/2020 Patent number 202011056465 A	Published Date: 01/01/2021
10.	A System and Method of Pesticides Detection in Fruits and Vegetables	Dr. R. Nandakumar S. Hemaharini P. Dinnesh S. Muthulakshmi S. Janarth P. Govindaraju M.V.Mahesh S. Premalatha T. Senthil M. Udhayakumar B. Latha P. Janani P. Mohana Sunthari V. Sindhuja	Patent Filed Date: 28/07/2020 Patent number 202041032225 A	Published Date: 21/8/2020
11.	An Improved Belbic Controller	Dr.B.Gunapriya M.Suresh	Patent Filed Date: 20/07/2020	Published Date:

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	for PMBLDC Motor Drives Using Emotional Learning Techniques	M.Karthik S.Suganya Dr.V.Priya K.Kathiresan Dr.R.Senthil kumar Dr. M. Mohammadha Hussaini S.Ramasami R.Rajarajan Dr.Hitesh Panchal Dr.R.Jeyabharath Dr.P.Veena Dr.R.Nandakumar Dr.S.Saravanan	Patent number 202041030788 A	07/08/2020
12.	Door Handle Sanitizer Dispenser	T Srihari, W Deva Priya, R Nandakumar, R Pushpavathi, M Karthikeyan, S Ramachandran, A Bovas Herbert Bejaxhin, B Thiyaneswaran, Sheik Saidhbi, A Kumar, P Sethu Ramalingam, P.M Joe Prathap, K.V Praveen, Anguraj Kandasamy, B Meganathan	Publication Date:10-07-2020 Patent number 202041027114 A Application number 202041027114	Published Date: 7/10/2020
13.	A Novel Method for Detection of Quality of Apples Using Edge Detection Approach	Mr.M.Suresh Dr.Hitesh Panchal Dr.R.Nandakumar Dr.R.Jeyabharath Dr.P.Veena Mr.P.Govindaraju Dr.S.Ponlatha Dr.Harish Pulluri Dr.Mekala Girish Kumar Dr. S.M.Kamali Dr. V.Priya Dr. Velmurugan Mr. V.Dhinesh Mr. R.Rajarajan Mr. K.Anand Mr.P.Loganathan Dr.S.Saravanan Dr.V.Ponniyin Selvan Dr.Kishor Kumar Sadasivun	Patent Filed Date: 15/06/2020 Patent number 202041025188 A	PublishedDate: 6/19/2020

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14.	Harvesting Machine For Tapioca Vegetables	Dr.W.Devapriya	Patent Filed Date: 3/24/2020 Patent number 202041012787	Published Date: 5/22/2020
15.	Artificial Intelligence Enabled Bot For Railway Track Cleaning	Dr.W.Devapriya	Patent Filed Date: 24/2/2020 Patent number 202041007777	Published Date: 6/3/2020
16.	System To Facilitate Visually Impaired Person To Identify Person Present In Surrounding	Ms.P.Saranya	Patent Filed Date: 5/12/2019 Patent number 201941050087	Published Date: 13/12/2019