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PATENTS PUBLISHED

Sl.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency / Country	Status
1	Brick Dryer Using Hybrid Solar and Boiler Waste Heat Energy	Dr. P. Partheeban Dr. B. R. Ramesh Babu Dr. A. Dhanasekaran Dr. J. Vishnupriyan	20204102 9599 A	31/07/2020	The patent Office, Chennai	Published
2	Method of Using Hydrous Pyrolysis in Treating Sewage Effluent	Dr. P. Partheeban Mr. C.Hariharasudhan Ms. Y. J. Breetha	20204102 9697 A	31/07/2020	The patent Office, Chennai	Published
3	Smart Remote Garbage Monitoring System Based on IOT	Dr. E.A.Mary Anita, D.Vinodha Dr.V.Amudha Ramya Ramprasad Dr.P.Partheeban	20194105 0085 A	13/12/2019	The patent Office, Chennai India	Published
4	A Geopolymer Concrete With Ggbs Paver BLOCK	Ashok kumar K and P. Partheeban	20184104 9 049 A	08/02/201 9	The patent Office, Chennai India	Published
5	Advanced Vehicle Control And Safety Systems	Dr. P. Partheeban, Dr.R.Ranihemamalini, K. Purushothaman, P. Priya Rachel, C.A. Poornima, V. Gru	20174102 5968 A	28.07.2018	The patent Office, Chennai India	Published
6	An Air Quality Mobile Monitoring Device	Dr. P. Partheeban, Dr.H.Prasad Raju. Dr.R.Ranihemamalini, Dr.B.Shanthini Mr.P.Babu Kamaraj	201741025 977 A	04/08/2017	The patent Office, Chennai India	Published

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Sl. No	Name	Title	Year of Completion
1.	Dr. T. Felixkala Sathyabama University	Experimental Investigation on High Performance Concrete Containing Mineral and Chemical Admixtures with Granite Powder as Fine Aggregate	04.03.2011
2.	Dr. C. Velan MGR University	Evaluation of System Design Parameters for Optimum Energy Performance of A Green I.T. Building	29.01.2014
3.	Dr. K. Nachimuthu Sathyabama University	System Dynamics Simulation Modelling for Road Accident and Its Cost	23.08.2014
4.	Dr. P.Priya Rachel St. Peters University	Study on Geopolymer Concrete Block	21.11.2014

5.	Dr. H. Prasad Raju St. Peters University	Real Time Mobile Monitoring of Air Quality in Urban Areas Using Solid State Gas Sensors, GPS and Wireless Network	02.07.2015
6.	Dr. K.Dhanasekar Jawaharlal Technological University Hyderabad	A Study on Assessment of Groundwater Quality and its Suitability Using Prediction modeling and GIS.	08.08.2016
7.	Dr. A. R. R. Kalaiyarrasi St. Peters University	Experimental Investigation on Metakaolin Based Geopolymer Concrete and Masonry Prisms	04.10.2017
8.	Mr. K. Karthik St. Peters University	GIS based Noise Pollution Modelling for Chennai City	07.01.2018
9.	Dr. A. Latha Sathyabama University	Treatment of Textile Dyeing Effluent by Electro-Fenton Process Integrated with Laboratory Scale Anaerobic Sequencing Batch Reactor	24.09.2018
10.	Mr. Sudhakar . R MGR University	Experimental Study on Strengthening of Concrete Structural Components with GFRP Sheets	15.11.2018
11.	Mr. C. K Williams St. Peters University	Studies on Strength Prediction of Reclaimed Rubber Concrete Using Genetic Programming	15.02.2019
12.	Mr. Kavitha . T MGR University	Experimental Study on Structural behaviour of Basaltic Fibrous And M - Sand Concrete Composite – Beam column Joint	20.09.2019

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1. A R R Kalaiyarrasi and P Partheeban, Metakaolin Geopolymer Bricks and Prisms in Axial Compression, Journal of Scientific & Industrial Research, Vol. 79, August 2020, pp. 686-690.
2. Anuradha B, Iyappan L, Partheeban P, Jeganmogan K, Hariharasudan C, Palanikumar E, “Statistical study on area cultivated in peri-urban and rural tanks during pre and post rehabilitation”, International Journal of Agricultural and Statistical Sciences, **Accepted** and will be published in December 2020. (**SCOPUS**).
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6. Iyappan L, Partheeban P, Berdianand.C, Ragul.S. Landslides Hazards Zonation Mapping Using Geospatial Technology, Journal of Critical Reviews, ISSN- 2394-5125, VOL 7, ISSUE 04, 1192-95 . (SCOPUS).
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