

PSG Institute of Technology and Applied Research

Details of Patents (2014 - 2020)

#	Application No.	Inventors	Title	Department	Application Date	Status (Published /Granted)
1	202041024608	Dr M Pushpa rani, Dr Ilango Paramasivam and Dr P Thiyagarajan	Coronavirus protected room: disinfecting room air using IoT and machine learning programming	Computer Science	11/06/2020	Published
2	202041005797	Mr C Gopalakrishnan, Mr C Vishal Subramaniam, Mr S C Kousik, Mr R Nithesh Kumar, Mr R Santhosh Ram, Mr R Venkat Raghavan and Mr A Barath Narayanan	Automated Ironing System	Mechanical	11/02/2020	Published
3	202041002565	Dr Pichaimani Prabunathan, Dr Murugesan Arun, Mr Kannadasan Kavikumaran, Dr Manickam Manoj, Dr Muthukaruppan Alagar	Preparation of nano-silica from waste foundry sand	Civil and Chemistry	21/01/2020	Published
4	324475-001	Thiyagarajan Prem Kumar	Rainwater harvesting equipment (Design patent)	Mechanical	06/12/2020	Published
5	201941047213	Mr Nagarjun J, Mr Mohamed Shakeel H, Mr Kathir Gowtham R S, Mr Balaji V, Mr Naveen S V	Stretcher convertible wheelchair	Mechanical	19/11/2019	Published
6	201941029820	Ms Vedi Santhana, Dr Dheivasigamani Thangaraju, Dr S Jayakumar and Dr Matsuda Satoshi	A hybrid nanophotocatalytic microbial dye degrading composite	Physics	24/07/2019	Published

7	201941026558	Dr Mohamed Ismail Abdul Aleem, Mr Kannadasan Kavikumaran, Dr Pichaimani Prabunathan and Dr Muthukaruppan Alagar	Process for the production of alkali metal silicates and aluminosilicates from clay-bonded and sodium silicate-bonded spent foundry sand	Civil and Chemistry	03/07/2019	Published
8	201941016001	Dr Mohamed Ismail Abdul Aleem, Mr Kannadasan Kavikumaran, Dr Pichaimani Prabunathan, Dr Arumugam Hariharan and Dr Muthukaruppan Alagar	Process for the production of sodium silicate from spent foundry sand	Civil and Chemistry	23/04/2019	Published
9	201841037472	Ms Karthika Renuka, Dr P Visalakshi, Dr T Hamsapriya and Dr K Umamaheswari	System and method for classifying spam e- mail utilizing hybrid classifier	Electronics & Communication	04/10/2018	Published
10	201741023894	Ms S Akshaya, Mr R Vasu and Dr E Malar	Memory circuit with minimized leakage current	Electrical & Electronics	07/07/2017	Published
11	201841028741	Mr Thiyagarajan Prem Kumar, Mr Shanmugam Saravananaraj, Mr Subramanian Kishore Kumar, Mr Sivajothi Aravinth and Mr Krishnaraju Siddart	Parabolic trough solar collector	Mechanical	31/07/2018	Published

data as on 20/07/2020