

PSG Institute of Technology and Applied Research

Patent Details

#	Application No. / Patent No.	Inventors	Title	Department	Application Date	Status (Published /Granted)
1	202141007303	Dr Arumugam Hariharan, Mr Kannadasan Kavikumaran, Dr Mohamed Ismail Abdul Aleem and Dr Muthukaruppan Alagar	Process for the production of civil engineering construction products from waste foundry sand using aqueous polymeric binder	Civil and Chemistry	22/02/2021	Published
2	202141000869	Dr Arumugam Hariharan, Dr Krishnasamy Balaji and Dr Muthukaruppan Alagar	Process for the production of novel latent self-curable epoxy resins	Chemistry	08/01/2021	Published
3	202041050824	Aadithyan V T, Prem Charles I, Dr. A C Sumathi , Dr. R Magesh, Mahesh Sivaprakasam, Manish Kumar Mishra, Dr. Tiruvalavan S R, Surya G	An artificially intelligent device and system for coaching of batsmen	Computer Science	23/11/2020	Published
4	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
5	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
6	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	Granted
7	324475-001	Thiyagarajan Prem Kumar	Rainwater harvesting equipment (Design patent)	Mechanical	06/12/2020	Published

8	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
9	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
10	201941026558 / 352814	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	Granted
11	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
12	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
13	201741023894	Ms S Akshaya, Mr R Vasu and Dr E Malar	Memory circuit with minimized leakage current	Electrical & Electronics	07/07/2017	Published
14	201841028741	Mr Thiyagarajan Prem Kumar , Mr Shanmugam Saravanaraj, Mr Subramanian Kishore Kumar, Mr Sivajothi Aravinth and Mr Krishnaraju Siddart	Parabolic trough solar collector	Mechanical	31/07/2018	Published

data as on 12/04/2021