

PSGiTech - IPR data

#	Application No.	IPR Type	Date of Filing	Filed by	Inventors	Title	Department	Status	Date of Publication
1	202241038726	Patent	06/07/2022	PSG iTech	<b>Dr Arumugam Hariharan</b> <b>Dr Krishnasamy Balaji</b> <b>Dr Govindraj Latha</b> <b>Dr Muthukaruppan Alagar</b>	Process for the Production of Pyrimidinone based Polymeric Materials	CHE	Published	15/07/2022
2	202241038275	Patent	04/07/2022	Collaboration	Dr Srivatsun G <b>Mr Karthikeyan A S</b> Dr Santhosh R	Portable assistant to read and interpret braille paper print to aid visually challenged persons in tamil language	CSE	Published	08/07/2022
3	202241037191	Patent	29/06/2022	Collaboration	Dr Srivatsun G <b>Dr Sivaganesan D</b> <b>Mr Nirmaliswarran S R</b> <b>Mr Jaivant B R</b> <b>Mr Srinithish D</b>	A system for analysing and improving sales of a product using machine learning	CSE	Published	08/07/2022
4	202241035999	Patent	23/06/2022	Collaboration	Dr Srivatsun G <b>Mr Thivaharan S</b> <b>Mr Isaac Abraham Thottathil</b> <b>Mr Renil Shaji</b> <b>Mr Nirmaliswarran S R</b> <b>Mr Suriya Sampathkumar</b> Mrs Sivalakshmi P	A system for calculating work productivity of employee through facial gestures using machine learning	CSE	Published	01/07/2022
5	202241030965	Patent	30/05/2022	Collaboration	Dr Ajmal Muhammed Dr Senthilkumar B Dr Binda M B Mr Moazzam Haidari Dr Balarama Krishna Rai Y V <b>Mr Thivaharan S</b> Mr Kannadasan B Ms Rita Roy Mr Logeshwaran J Dr Kannan V	Underground Cable Fault Distance Display System over the Internet	CSE	Published	03/06/2022
6	202221027013	Patent	10/05/2022	Collaboration	Dr Vishaka Ashish Karnad Mrs Girivasuki K Dr Padma Bhaskar <b>Mr Thivaharan S</b> Dr Diwakar Singh Dr Aarti Chopra Dr Neel Kamal Purohit Dr Rekha Kaushal Mr Avinash A Dr M Nandhini Mr Paryani Sunit N Dr Kannan V	Implementation of various resources in supply chain network on competitive moves	CSE	Published	20/05/2022
7	202241010458	Patent	27/02/2022	Collaboration	Dr Radha P Dr Arpana D <b>Ms Kavinilavu E</b> Mr Sivagnana Bharathi S Dr Bhanumathi P Dr Senthil Kumar B Dr Subbulakshmi E Dr Nandhini M Ms Priyanka K Dr Saravanan S Dr Mahaboob Basha A M	HR practices for determinants of the implementation in Banking Sector	EEE	Published	04/03/2022
8	202241005767	Patent	03/02/2022	Collaboration	Ms Felshiya Rajakumari R Dr Sivakumar R Dr Maheswaran M Dr Vaikundaselvan B Ms FathimaSapna P Dr Anto Kumar R P Dr Raghunayagan P Mr Ganesh R Ms Saranya P <b>Dr Subash Kumar C S</b> Dr Prakash N Dr Sivaramakrishnan A	Self navigated smart dustbin and a method for operating the same	EEE	Published	11/02/2022
9	202141058303	Patent	15/12/2021	Collaboration	<b>Ms Devatarika V</b> Dr Puthilibai G Dr Chitradevi S Dr Shantkriti S Dr Thiagarajan G Dr Sivakumar T B Mr Manikandan K Mrs Revathi S Mr Gokul V	Influence of IOT in microbial fuel cell for mass production of electricity	CSE	Published	31/12/2021
10	202141047109	Patent	18/10/2021	PSG iTech	<b>Dr Arumugam Hariharan</b> <b>Dr Krishnasamy Balaji</b> <b>Dr Govindraj Latha</b> <b>Dr Muthukaruppan Alagar</b>	A facile process route for the production of active zinc oxide	CHE	<b>Granted</b>	26/11/2021
11	202141046818	Patent	13/10/2021	Collaboration	Mr Arumugam Ranjith Dr Jaikumar R Dr Yuvaraj Duraisamy Dr Barona R <b>Mr Thivaharan S</b> Dr Binda M B	Image Caption Generator based on Deep Learning Technique	CSE	Published	29/10/2021

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12	202141046598	Patent	12/10/2021	Collaboration	Dr Binda M B Dr Arumugom S <b>Dr Sivaganesan D</b> Dr Divya Tyagi Mr Kumar Rahul	Wireless Sensor network based intelligent water quality observing system.	CSE	Published	29/10/2021
13	202141038854	Patent	27/08/2021	PSG iTech	<b>Dr Mohamed Iqbal M</b> <b>Dr Arumugam Hariharan</b> <b>Dr Krishnasamy Balaji</b> <b>Dr Vasu C L</b> <b>Dr Muthukaruppan Alagar</b>	Process for the production of novel bio-based hybrid polymeric composites as electrical insulator	EEE & CHE	Published	10/09/2021
14	202141035459	Patent	06/08/2021	Collaboration	<b>Dr V Rajkumar</b> Dr M Senbagavalli Dr D Sumathi Ms Swetha Shekarappa G Dr Sheila Mahapatra Dr K Logesh Dr S Balakrishnan Dr Bijee Sanjay	A real-time amateur sensory tracker with extensive spans of mitigative and recovery operations in emergencies	MECH	Published	13/08/2021
15	202141033794	Patent	27/07/2021	Collaboration	Dr Rooban S <b>Dr Manimegalai R</b> Dr Nagalakshmi Venugopal Dr Suresh Kumar V	Design system using aes data security in Field Programmable Gate Arrays (FPGA) for autonomous robot	CSE	Published	06/08/2021
16	2021103493	Patent (AUSPAT)	21/06/2021	Collaboration	Dr Balakrishnan S Dr Chakrapani Arvind Dr Deepa S T Dr Gunasekaran Hemalatha Mr Gowtham M S Mr Gajendran P Mr Arun R <b>Dr Rajkumar V</b> Mr Saxena Anshul Dr Vinodhkumar S	Gas leakage detection and alert system in safety control of industry 4.0 using IOT technology	MECH	Published	22/07/2021
17	202111027550	Patent	19/06/2021	Collaboration	Mr Astha Singh Kushwaha Dr Sridhar J P <b>Ms Divya R</b> Dr Asha S Manek Mr Ronald Chiwariro Ms Shikha Kuchhal Dr Debdutta Barman Roy Ms Johncy G Mr Ashish Suryavanshi Mr Raghunandan Singh Baghel Ms Neha Singh Mr Mahesh Kumar A S	Machine learning based smart grid power system integrated with wireless communication networks	EEE	Published	16/07/2021
18	202141007303	Patent	22/02/2021	PSG iTech	<b>Dr Arumugam Hariharan</b> <b>Mr Kannadasan Kavikumaran</b> <b>Dr Mohamed Ismail Abdul Aleem</b> <b>Dr Muthukaruppan Alagar</b>	Process for the production of civil engineering construction products from waste foundry sand using aqueous polymeric binder	CIVIL & CHE	Published	26/02/2021
19	202111001286	Patent	11/01/2021	Collaboration	Dr Hardeep Singh Saini Dr Sakthipandi K Mr Pijush Dutta Dr Arumugam K Dr Md Khaja Mohiddin <b>Dr Jayasanthi M</b> Mr Javed Miya Mr Suresh Kumar Mr Ranjit Kumar Dr Balamurugan S	Sensor based smart face shield for healthcare workers during Covid-19 pandemics	ECE	Published	22/01/2021
20	202141000869	Patent	08/01/2021	PSG iTech	<b>Dr Arumugam Hariharan</b> <b>Dr Krishnasamy Balaji and</b> <b>Dr Muthukaruppan Alagar</b>	Process for the production of novel latent self-curable epoxy resins	CHE	Granted	15/01/2021
21	324475-001	Design	06/12/2020	PSG iTech	<b>Thiyagarajan Prem Kumar</b>	Rainwater harvesting equipment ( <b>DESIGN</b> )	MECH	Published	
22	202041050824	Patent	23/11/2020	Collaboration	Mr Aadithyan V T Mr Prem Charles I <b>Dr Sumathi A C</b> Dr Magesh R Mr Mahesh Sivaprakasam Mr Manish Kumar Mishra Dr Tiruvallavan S R Mr Surya G	An artificially intelligent device and system for coaching of batsmen	CSE	Granted	04/12/2020
23	202041024608	Patent	11/06/2020	Collaboration	Dr Pushpa Rani M <b>Dr Ilango Paramasivam</b> Dr Thiyagarajan P	Coronavirus protected room: disinfecting room air using IoT and machine learning programming	CSE	Published	26/06/2020
24	202041005797	Patent	11/02/2020	PSG iTech	<b>Mr Gopalakrishnan C</b> <b>Mr Vishal Subramaniam C</b> <b>Mr Kousik S C</b> <b>Mr Nithesh Kumar R</b> <b>Mr Santhosh Ram R</b> <b>Mr Venkat Raghavan R</b> <b>Mr Barath Narayanan A</b>	Automated Ironing System	MECH	Published	13/08/2021

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25	202041002565	Patent	21/01/2020	PSG iTech	<b>Dr Pichaimani Prabunathan</b> <b>Dr Murugesan Arun</b> <b>Mr Kannadasan Kavikumaran</b> <b>Dr Manickam Manoj</b> <b>Dr Muthukaruppan Alagar</b>	Preparation of nano-silica from waste foundry sand	CIVIL & CHE	<b>Granted</b>	31/01/2020
26	201941047213	Patent	19/11/2019	PSG iTech	<b>Mr Nagarjun J</b> <b>Mr Mohamed Shakeel H</b> <b>Mr Kathir Gowtham R S</b> <b>Mr Balaji V</b> <b>Mr Naveen S V</b>	Stretcher convertible wheelchair	MECH	Published	06/12/2019
27	201941029820	Patent	24/07/2019	PSG iTech	Ms Vedi Santhana <b>Dr Dheivasigamani Thangaraju</b> <b>Dr Jayakumar S</b> Dr Matsuda Satoshi	A hybrid nanophotocatalytic microbial dye degrading composite	PHY	Published	20/09/2019
28	201941026558	Patent	03/07/2019	PSG iTech	<b>Dr Mohamed Ismail Abdul Aleem</b> <b>Mr Kannadasan Kavikumaran</b> <b>Dr Pichaimani Prabunathan and</b> <b>Dr Muthukaruppan Alagar</b>	Process for the production of alkali metal silicates and aluminosilicates from clay-bonded and sodium silicate-bonded spent foundry sand	CIVIL & CHE	<b>Granted</b>	02/08/2019
29	201941023805	Patent	15/06/2019	Collaboration	Dr Vijayakumar Kuppusamy <b>Dr Ilango Paramasivam</b>	Method of handling a missing value in a data mining system	CSE	Published	18/12/2020
30	201941016001	Patent	23/04/2019	PSG iTech	<b>Dr Mohamed Ismail Abdul Aleem</b> <b>Mr Kannadasan Kavikumaran</b> <b>Dr Pichaimani Prabunathan</b> <b>Dr Arumugam Hariharan and</b> <b>Dr Muthukaruppan Alagar</b>	Process for the production of sodium silicate from spent foundry sand	CIVIL & CHE	<b>Granted</b>	17/05/2019
31	201841037472	Patent	04/10/2018	Collaboration	Ms Karthika Renuka Dr Visalakshi P <b>Dr Hamsapriya T</b> Dr Umamaheswari K	System and method for classifying spam e- mail utilizing hybrid classifier	ECE	Published	12/10/2018
32	201841028741	Patent	31/07/2018	PSG iTech	<b>Mr Thiagarajan Prem Kumar</b> <b>Mr Shanmugam Saravanaraj</b> <b>Mr Subramanian Kishore Kumar</b> <b>Mr Sivajothi Aravinth and</b> <b>Mr Krishnaraju Siddart</b>	Parabolic trough solar collector	MECH	Published	10/08/2018
33	201741023894	Patent	07/07/2017	PSG iTech	<b>Ms Akshaya S</b> <b>Mr Vasu R</b> <b>Dr Malar E</b>	Memory circuit with minimized leakage current	EEE	Published	11/01/2019