

Patent Grant Details: 2023 – 2024

S.No.	Application Number	Title	Status	Applicant Name	Date of Filing
1	458794 / 201841027945	Method to control, monitor and self clean for smart prepaid multi-storey water distribution system	Granted	Dr. Arivazhagan. S	12/10/2023
2	462658 / 201841010594	Smart dispensing system and the method of operation for inventory monitoring	Granted	Dr. Arivazhagan. S	27/10/2023
3	464947/ 201841037304	A smart mosquito control fish tank	Granted	Dr. Arivazhagan. S	01/11/2023
4	201941049461 / 483866	Virtual reality based wireless rescue robot and a method to rescue child fallen into deep well	Granted	Dr. Arivazhagan. S	15/12/2023
5	202041010009 / 520071	Apparatus and method for cooling electronic equipments using dual coolant technology	Granted	D. Balaji (Inventor)	05/03/2024

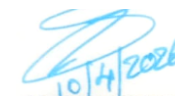


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Patent Publication Details: 2023 – 2024

S.No.	Application Number	Title	Status	Applicant Name	Date of Filing
1	202341055083	Incessant fiber binder fiber embedded composite printing 3D printer	Published	D. Balaji	17/08/2023
2	202341081738	Advanced irrigation system	Published	Dr. S. Dharani kumar	01/12/2023
3	202341081739	Zeooxyplus / zeolite 13x oxygen generator	Published	Dr. S. Gokulkumar	01/12/23
4	202441000958	Development and construction of a semi/automatic water tank cleaning device	Published	Dr.M.Makeshkumar	05/01/2024
5	202441002418	Foreign object detection in an image analysis	Published	Dr. L. Rajeshkumar	12/01/2024
6	202441008559	A fixture with expandable mandrel for friction stir welding of various diameter pipes	Published	Dr.S.M.Senthil	08/02/2024
7	202441009996	Joining of pipes in spiral seam using friction stir welding process	Published	Dr. Senthil S M	14/02/2024
8	202441030826	Aqua silencer	Published	Mr. S.N. Dinesh	17/04/2024
9	202441032815	Composite drone frame using generative design by fusion deposition modelling process	Published	Mr. P.Arunkumar	25/04/2024
10	202441033873	Extraction of cellulose from soybean hulls for polymer matrix composites with fishtail palm fibers	Published	Dr.R.Anandkumar	29/04/2024
11	202441033874	Experimental investigation of aa6063 reinforced with zirconium/diboride using squeeze casting	Published	Dr.S.Ramesh babu	29/04/2024
12	202441033875	Enhancement of physical and mechanical properties of natural fibers strengthened epoxy hybrid	Published	Dr.R.Anandkumar	29/04/2024

13	202441034777	Voice assistant sensor device for aphasia patients	Published	Dr. R. Senthil kumar	02/05/2024
14	202441035527	Experimental investigation on the mechanical, chemical and acoustical analysis of plant fibers reinforced hybrid composites	Published	Dr. L. Prabhu	05/05/2024
15	202441036022	Mechanical characterization of zinc reinforced PLA composite 3D printed parts	Published	Mr. P.Arunkumar	07/05/2024
16	202441037391	Examine the mechanical, chemical and acoustic properties of the woven fabric kenaf fiber	Published	Dr. L. Prabhu	13/05/2024
17	202441037678	Investigating the influence of coconut shell charcoal in aluminum metal matrix composite	Published	Dr. S. Gokulkumar	14/05/2024
18	202441037692	Hybridization of wire arc additive manufacturing with an adaptive cooling system	Published	Dr.N.Karthi	14/05/2024
19	202441040383	Serpent fiber orientation for increasing tensile strength in polymer composite	Published	KPRIET / D. Balaji	24/05/2024
20	202441040712	Multiple laser source metal additive manufacturing	Published	KPRIET / D. Balaji	25/05/2024
21	202441040734	V/fiber orientation for increasing tensile strength in polymer composite	Published	Dr. V.Bhuvaneswari	25/05/2024
22	202441042993	Smart water leakage detection and monitoring system	Published	Mr. Vignesh kumar N.	03/06/2024
23	202441045250	Design and fabrication of moringa leaf splitter machine	Published	Dr. V.Bhuvaneswari	12/06/2024



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