

### Details of Patent published from FISAT

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY YY)	Patent Published Date / Granted Date	Patent Publication No:/ Patent Granted No:
1	202041021480	Published	PAUL P MATHAI	An automated methodology and system to manage the student related information efficiently	PAUL P MATHAI	21/05/2020	05-06-2020	202041021480
2	202141042363	Published	Dr. Deepa Mary Mathews, Dr. Prasad J C	Method and system for determining real-time user emotions using artificial intelligence techniques	Dr. Deepa Mary Mathews, Dr. Prasad J C	19/09/2021	10-01-2021	202141042363
3	202041033269	Published	Dr. Sujesh P Lal	Self-Detection and Auto Control Voice Alert for Aircraft Collusion Prevention using RSSI and Embedded C.	Dr.Sujesh P Lal	03-08-2020	21-08-2020	202041033269
4	202041029484	Published	Dr. Sujesh P Lal	Portable Low Cost Smart Spirometer Using Embedded and IoT Technology, Page No. 28697	Dr.Sujesh P Lal	10-07-2020	31-07-2020	202041029484
5	202041029995	Published	Dr. Sujesh P Lal	Home Analysis Fetal Heart Rate Monitoring and Kicking Measurement using Embedded and IoT Technology, Page No. 28730	Dr.Sujesh P Lal	14-07-2020	31-07-2020	202041029995
6	201941029660	Published	Arun kumar M N, Anil kumar M N	A specific fast digital multiplier system for positive integer multiplication	Arun kumar M N, Anil kumar M N	23/07/2019	29-01-2021	201941029660
7	202141055255	Published	Dr. Sujesh P Lal	IOT and Wireless Sensor Network based Intelligent home bell system for effective house protection	Dr. Sujesh P Lal	29-11-2021	10-12-2021	202141055255
8	202141013010	Published	Noble G	IoT based chair/cot usage detector	Noble G	25/03/2021	05-07-2021	202141013010
9	202141028508	Granted Application	Neenu Johnson	Farm chain Intelligent Network System	Neenu Johnson	24/06/2021	28/03/2022	393160
10	202141048855	Published	Dr. Rejeesh C R, Tom Anto	Light Weight Pavement Tiles made from Waste EPS for Pedestrian Tracks.	Dr. Rejeesh C R, Tom Anto, FISAT	26/10/2021	21/10/2022	202141048855

11	202041033277	Granted Application	Dr. Archana R, EEE dept.	Process of Wireless Sensor Networks Lifetime Maximization by Reducing Formulations of Energy-Driven Partitioning (EDP)	Dr. Archana R, EEE dept.	04/08/2020	06/10/2023	457250
12	202341062204	Published	Mr. Noble G.	A micro controller based low-cost fire wood stove with automatic fire enhancer	M/s. FISAT, Mr. Noble G	15/09/2023	26/01/2024	202341062204
13	202341067063	Published	Mr. Noble G.	Efficient automated bed veil tensioning system for optimal bed appearance with smart control	M/s. FISAT, Mr. Noble G	06/10/2023	27/10/2023	202341067063
14	202341067071	Published	Dr. Abi P Mathew	A cost-effective system of controlling position and temperature for Dhara therapy	M/s. FISAT, Dr. Abi P Mathew	06/10/2023	27/10/2023	202341067071
15	202341074440	Published	Mr. Renjith R Dr. Rejeesh C R	A novel system for drying coconut using an indirect solar dehydrator with heat pump assistance	M/s. FISAT, Mr. Renjith R Dr. Rejeesh C R	01/11/2023	10/11/2023	202341074440
16	202341075981	Published	Dr. Kavitha P E	Light weight beam element made from recycled plastic laminate encompassed with cold formed steel	M/s. FISAT, Dr. Kavitha P E	07/11/2023	24/11/2023	202341075981
17	202341081363	Published	Ms. Sreevidya P Ms. Ambily A R	A novel apparatus for detecting invasion of bugs in petrol based vehicles	M/s. FISAT, Ms. Sreevidya P	30/11/2023	26/01/2024	202341081363
18	202341081352	Published	Ms. Joice T. Dr. Sujesh P Lal	Patient matched device for diagnosis and warning of cardiovascular disease based on Ensemble DL method	M/s. FISAT, Ms. Joice T. Dr. Sujesh P Lal	30/11/2023	05/01/2024	202341081352
19	202341089813	Published	Dr. Abi P Mathew Mr. S Sundararajan Ms. Lakshmi Nandakumar	A system for conserving water on urinal closet using two solenoids and double check mechanism	M/s. FISAT, Dr. Abi P Mathew	29/12/2023	02/02/2024	202341089813
20	202341089834	Published	Dr. Anish Mathew K Ms. Shruthi Bhaskaran	A method of generating electric power from solid waste materials by harnessing Thermopiles	M/s. FISAT, Dr. Anish Mathew K Ms. Shruthi Bhaskaran	29/12/2023	02/02/2024	202341089834

21	202341089794	Published	Dr. Bejoy Varghese Mr. Mahesh C Dr. Jyothish K John	A method of image transferring by neural evolution and reinforcement learning using Adaptive fractal	M/s. FISAT, Dr. Bejoy Varghese	29/12/2023	02/02/2024	202341089794
22	345383-001	Registered Design	Dr. Jyothish K John, Dr. Paul P Mathai	Electronic Viewfinder for Digital camera	Dr. Jyothish K John, Dr. Paul P Mathai	27/06/2021	08/08/2022	345383-001
23	Diary No. 22010/2023- CO/L	Copyright	Dr. Rejeesh C R	Journal of Applied Science, Engineering, Technology and Management-JASET M	Dr. Rejeesh C R	18/08/2023	07/12/2023	L-137310/ 2023 (Reg: No:)
24	202441078883	Published	Ms. Jilu George	A load cell based smart security and anti theft alert alarm system and application	M/s. FISAT, Ms. Jilu George	17/10/2024	25/10/2024	202441078883
25	202441078886	Published	Ms. Jeslin P. Jo	Real time health monitoring system: portable ECG & SPO2 with cloud-based doctor interaction	M/s. FISAT, Ms. Jeslin P. Jo	17/10/2024	25/10/2024	202441078886
26	202441078877	Published	Dr. Deepa Mary Mathews, Dr. Rakhi Venugopal	A bin on wheels: IOT driven waste sorting and mobility system	M/s. FISAT, Dr. Deepa Mary Mathews, Dr. Rakhi Venugopal	17/10/2024	25/10/2024	202441078877
27	202441097387	Published	Ms. Neeraja Nair	A cost effective Wi-Fi enabled digital crack monitoring & evaluation system encompassing digital gauge	M/s. FISAT, Ms. Neeraja Nair	10/12/2024	13/12/2024	202441097387
28	202441098183	Published	Dr. Jiji Antony	Stamped concrete pavement blocks using iron ore tailings for pool-deck structures	M/s. FISAT, Dr. Jiji Antony	12/12/2024	20/12/2024	202441098183