

S. No	Patent Application No (PAN)	Patent Title	Author	Date of filing application	Status
1	PAN 202311000507	NOVEL THREE DIMENSIONAL SUBSTRATE INTEGRATED WAVEGUIDE CAVITY SLOT ANTENNA ARRAY WITH DUAL OPERATION (RADIATOR AND REFLECTOR)	Abhay Kumar and Prof. Shweta Srivastava	04.01.2023	Filed
2	PAN 202311000574	ZT_BUSM: A ROBUST BLOCKCHAIN BASED SECURE UAV-UAV COMMUNICATION USING ZERO TRUST SECURITY MODEL	Dr. Juhi Gupta and Arushi Srivastava	04.01.2023	Filed
3	PAN 202211058993	A TUNABLE ACTIVE INDUCTOR USING ON-CHIP BIAS VOLTAGES	Dr. Garima Kapur	15.10.2022	Published (21.10.2022)
4	PAN 202211051090	A SYSTEM TO RECEIVE ACOUSTIC SIGNALS AND TO REFLECT NOISE FROM DIRECTION OF NO INTEREST	Kapil Dev Tyagi	07.09.2022	Published (16.09.2022)
5	PAN 202211036251	A METHODOLOGY FOR SMART GREENHOUSE BASED MONITORING AND ANALYZING THE HEALTH OF WILD ANIMALS	Dr. Shruti Kalra and Ruby Beniwal	23.06.2022	Filed
6	PAN 202111051272	EMOIT: AN INTELLIGENT TOY WITH EMOTIONS	Dr. Shikha Jain, Dr. Madhu Jain, Prakhar Gupta and Vidit Singh	09.11.2021	Published (28.01.2022)
7	PAN 202111041609	FITNESS SHOE	Dr. Madhu Jain, Tanishq Manuja and Karan Pechori	15.09.2021	Published (28.01.2022)
8	PAN 202111036071	A WEARABLE SMART HEALTH MONITORING DEVICE.	Varnit Goswami and Dr. Gaurav Verma	10.08.2021	Published (14.01.2022)
9	PAN 202111032091	A CAVITY BASED MULTI RESONANT PIEZOELECTRIC ENERGY HARVESTER WITH ONE STRAIGHT AND TWO L-SHAPED BRANCHES	Shradha Saxena, Prof. R. K. Dwivedi and Dr. Vijay Khare	16.07.2021	Published (28.01.2022)
10	PAN 202111024375	FAST AND ACCURATE POWER ESTIMATION TOOL (FAPET) FOR FPGA BASED FIR SYSTEM	Neerja Singh, Dr. Gaurav Verma and Dr. Vijay Khare	01.06.2021	Published (14.01.2022)
11	PAN 202111012211	A SYSTEM TO CLASSIFY THE UNDERWATER MAMMALS ON THE BASIS OF AGE AND GENDER USING ACOUSTIC CLICK DATA	Dr. Kapil Dev Tyagi	22.03.2021	Published (14.01.2022)
12	PAN 202111005099	Rice Palanting Robot	Dr. Vimal Kumar Mishra, Mr. Vaiabhav Mishra, Mr. Abhinav Chaudhary and Shivangi	05.02.2021	Published (14.01.2022), FER issued
13	PAN 202111005100	ERROR DETECTING PEN	Prateek Bansal and Dr. Shruti Kalra	05.02.2021	Published (14.01.2022), FER Issued
14	PAN 202011040618	Cavitation Noise Rejection Using Air As Discontinuity In Underwater Measurements	Dr. Kapil Dev Tyagi	19.09.2020	Published (25-03-2022) FER issued
15	PAN 202011043853	Fully Active Dead-Zone Circuit with High Precision and Suitable for IC Design	Dr. Atul Kumar, Dr. Bhartendu Chaturvedi and Dr. Jitendra Mohan	08.10.2020	Published (15.04.2022)
16	PAN 202011018309	Direction Of Arrival Estimation Of An Underwater Acoustic Source Using Two Sensors And Human Senses	Dr. Kapil Dev Tyagi	29.04.2020	Published (05.11.2021), FER issued
17	PAN 202011031904	Safe and Intelligent Scissor	Dr. Madhu Jain and Dr. Shikha Jain	25.07.2020	Published (28.01.2022) and FER Issued
18	PAN 201911048307	Direction of arrival estimation using single sensor and reflector for acoustic pulse source.	Dr. Kapil Dev Tyagi	26.11.2019	Published (17.01.2021), FER Submitted
19	PAN 201911047519	Substrate Integrated Waveguide Yagi Array Antenna on Silicon Substrate.	Arnab Chakraborty and Prof. Shweta Srivastava	21.11.2019	Published (03.09.2021), FER Issued
20	PAN 201811000907	A System and Method for Real time Biometric Surveillance	Ms. Monika Singh and Akshay Kumar	12.07.2019	Published (12.07.2019)
21	PAN 201911020067	Gizmo Fitmate- The Personal Fitness Assistant	Vijay Khare, Kanishk Mahor, Pankaj Garg, Manish Kumar	21.05.2019	Published (31.05.2019)
22	PAN 201911015222	TV Distance Manager	Dr. Manish Kumar, Dr Satyasundara Mahapatra, Ravi Kumar, Dr. Shamim Akhter, Dr.Saurabh Chaturvedi and Ankit Jain	17.05.2019	Published (17.05.2019)