

## Total number of Patents published/awarded

Sr. No	Patent Number	Title of the patent	Year of Award / publish of patent
1	L-75137/2018	Kaur's Energy Efficiency Tool	2018
2	303110	Apparatus for Identifying Key parameters of Energy Efficient Building design	2018
3	201811010846	Rapid Process for Synthesis of Biodegradable Starch Films from Non-Edible Starch Sources	2018
4	201811037033	Biodegradable Broad Spectrum Antimicrobial Food Packaging Film and Method thereof	2018
5	201941027667	System of Computerized Articles- Sorting based on Colour, Shape, Odor and weight-	2019
6	2020103520	Real Time Object Recognition Method	2020
7	329034-001	Spray Tunnel For Sanitization	2020
8	2020103520	Real Time Object Recognition Method	2020
9	2020102302	Underwater Robots Design And Control Mechanism Using Particle Swarm Optimization Algorithm	2020
10	202041035424 A	Embedded Real-Time Finger-Vein Detection Based Advanced Security System	2020
11	2020102099	A Rule based Rootkit Detection Method using Machine Learning in Embedded IoT Devices	2020
12	202041036218 A	Artificial intelligence in modern large Power system applications	2020
13	201941027667	Wireless Sensor Pillow For Sleep Monitoring And Gesture Recognition System Using Embedded Controller	2020
14	202111053834	System of Computerized Articles- Sorting based on Colour, Shape, Odor and weight.	2020

15	329033-001	Design Patent for "Disinfection Device"	2021
16	344784-001	Pharmaceutical Soxhlet Apparatus	2021
17	2021101078	A method for gender classification based on offline handwriting and a system thereof	2021
18	2021100089	A Method To Word Recognition For The Postal Automation And A System There of	2021
19	2021101097	A System And Method For Automatic Playlist Generation ByAnalyzing Human Emotions Through Physiological Signals	2021
20	2021101517	A system for object recognition for Visual surveillance	2021
21	345033-001	Hair Comb with bristle cap and bottle	2021
22	202111057174	A System Of Deep Learning Customer Churn Prediction Model In E-Commerce Using Data Mining	2021
23	202111053834	Probabilistic Method In Applied Mathematics For Restructuring Power Systems	2021
24	202141046324	Ai And Wireless Based Smart Drug Prescription Management For Autonomous Drug Delivery System	2021
25	202111026713	Efficient Finance Management Based On Software For Autonomous Cost Analysis Application	2021
26	202111019087	Smart Bangle For Detecting The Reason Of Infant's Weeping	2021
27	2021103546	Hybrid Network for Real-Time Tracking using Machine to Machine Communication	2021
28	2021103042	A system and method for predicting badminton match outcome	2021
29	2021102089	Estimation of Biomarkers for Adaptive Immunity in Infectious Diseases using Smart IoT Sensors and Deep Learning	2021
30	344784-001	Pharmaceutical Soxhlet Apparatus	2021
31	5157506	Ayush Ashish	2021
32	345033-001	Hair Comb with bristle cap and bottle	2021

33	352091-001	Atomizer For Spray Dryer	2021
34	5157504	Ayush Ashish	2021
35	5156013	Ayush Ashish	2021
36	5155661	Ayush Ashish	2021
37	5157507	Q-Check HERBS & SPICES	2021
38	5155662	Q-Check HERBS & SPICES	2021
39	5157505	Q-Check HERBS & SPICES	2021
40	5156015	Q-Check HERBS & SPICES	2021
41	5156014	Ayush Ashish	2021
42	352091-001	Atomizer for spray dryer	2021
43	202211056549	Mn-MOF Framework for the Adsorptive remediation of Pharmaceutical and Personal Care Product (PPCP) polluted water/Waste water & Nitrogen/Oxygen separation for use in pressure swing Adsorption	2022
44	367675-001	Extruder for making Edible Straw	2022
45	20202211061760	Synthesis of Noval CuxOy Nanoparticles with high Nitrogen content and its applications	2022
46	366860-001	Mosquito Trapper	2022