

S.No.	Name of Faculty Member	Patent Details	Application Number	Published (Year/Date)	National or International
1	1.Dr. Ritu Sindhu 2. Dr. Tapsi Nagpal 3.Ms. Priyanka Rawat 4.Dr. Manisha Vashishth 5.Mr. Rahul 6.Ms. Shivani Gupta 7.Ms. Komal Malsa 8.Km Anjali	MACHINE LEARNING BASED DEVICE FOR DISEASE DIAGNOSIS	397342-001	2023	Indian
2	Rahul Kumar	INTERNET OF THINGS BASED WATER FOUNTAIN MONITORING DEVICE	398178-001	2023	Indian
3	Dr. Samriti Mahajan	A method for employees satisfaction that reduces turnover intention of employees and leadership	2022/04837	2022	International - SA
4	Dr. Samriti Mahajan	Intervention of critical Incident stress management	2022/05633	2022	International - SA
5	Dr. Samriti Mahajan	A system and a method for regulating advertising	2022/05331	2022	International - SA
6	Dr. Samriti Mahajan	Growing popularity of Indian regional OTT platforms	2022/07837	2022	International - SA
7	Dr. Samriti Mahajan	A novel inclusive educational model for children with disability and severe disability	2022/07611	2022	International - SA
8	Dr. Samriti Mahajan	IOT based Fibre optic Blanket Phototherapy Jaundice treatment	6291240	28/6/2023	Uk design
9	Dr. Samriti Mahajan	Hydroponic Nutrient Prediction Device using Internet of Things	6291239	2023	Uk design
10	Dr. Samriti Mahajan	Novel IOT Based Computerised Numerical Control Fiber Laser Composite Material Cutting Machine	6291241	2023	UK design
11	Dr. Samriti Mahajan, Ms. Shivangi Priya, Dr. Priyanka Jarolia, Ms. Akshita, Dr. Komal Jaiswal, Ms. Himani , Ms. Manisha Jindal, Mr. Praveen Kumar Pandey, Ms. Prerna Setia	Eye-Tracking device enables handsfree neuro-computer interaction	6310190	2023	UK design
12	Dr. Samriti Mahajan	AI-Enabled Aquaculture fish disease prediction device	6304592	2023	UK design
13	Dr. Swapnila Roy	IOT BASED COST EFFECTIVE DESALINATION DEVICE	349830-001	2021	Indian-Design
14	Dr.Swapnila Roy	Solar Assisted Climatic Reader Farming Robotic System	6320789	14.12.2023	UK Design(Granted)
15	Dr.Swapnila Roy	AI Based biodegradable organic waste composting machine	408255-001	21.02.2024	Indian Design Granted(Certificated Not generated)

16	Dr. Ritu Sindhu, Dr. Tapsi, Dr. Manisha, Ms. Priyanka, Ms. Shivani Gupta, Ms. Shivani Bansal, Komal Malsa	MACHINE LEARNING BASED CHIP CONTROL OXYGEN CONCENTRATOR WITH FILTER	394751-001	09/09/2023	Indian
17	Dr. Tapsi Nagpal, Dr. Ritu Sindhu, Dr. Ravi Prakash Mishra, Dr. Amrinder Kaur, Dr. Vimlesh Singh, Dr. Praveen Kumar Sahu, Dr. Manjeet	SMART SOIL SAMPLING STICK USING MACHINE LEARNING	397766-001	17/10/2023	Indian
18	Dr. Arun Kumar Rana, Tapsi Nagpal, Dr. Souvik Ganguli, Dr. Nirav Karelia, Mr. Raju Kumar Swami, Dr. Sunanda Sinha	A system for advanced access control and surveillance in a smart home and a method thereof	ZA202205530B	21/12/2022	International - SA
19	Dr. Souvik Ganguli, Dr. Nirav Karelia, Dr. Tapsi Nagpal, Dr. Vipin Chandra Pal, Dr. Arun Kumar Rana, Dr. Raju Kumar Swami	An IOT-based robotic system for advanced access control and surveillance	DE202022103739U1	15/07/22	International - Germany
20	Dr. Souvik Ganguli, Dr. Nirav Karelia, Dr. Tapsi Nagpal, Dr. Vipin Chandra Pal, Dr. Arun Kumar Rana, Dr. Raju Kumar Swami	An IoT-based access control system for healthcare applications	DE202022104892U1	22/11/22	International - Germany
21	Dr. Souvik Ganguli, Dr. Nirav Karelia, Dr. Tapsi Nagpal, Dr. Vipin Chandra Pal, Dr. Arun Kumar Rana, Dr. Raju Kumar Swami	An IoT-based home automation system for people with disabilities	DE202022104535U1	20/10/22	International - Germany
22	Dr. Souvik Ganguli, Dr. Nirav Karelia, Dr. Tapsi Nagpal, Dr. Vipin Chandra Pal, Dr. Arun Kumar Rana, Dr. Raju Kumar Swami	An IoT based intelligent farming system	DE202022103185U1	12/07/22	International - Germany