

S. No.	SDG Focus	Patent Application No.	Inventor(s) Name	Title of the Patent	Patent Published Date	Patent Publication Number	International/ National
1	SDG 11 – Sustainable Cities and Communities	472996-001	Dr. Syed Haider Ali, Dr. Syed Shahid Mazhar, Dr. Farhina Sardar Khan, Dr Anamika Singh	Space Efficient Wall-Mounted Organiser System	5/25/2026	472996-001	National
2	SDG 4 – Quality Education	444410-001	Dr. Ram Kishan pal	AI Based Device for Online Education	4/1/2026	444410-001	National
3	SDG 6 – Clean Water and Sanitation	202511009634	Dr. Rajendra Kumar Tripathi	A System for Autonomous River Cleaning and Waste Management	12/27/2025	45/2025	National
4	SDG 3 – Good Health and Well-being	20251111000	Dr. Rajendra Kumar Tripathi, Dr. Shavej Ali Siddiqui	Next-Gen Auto-Sliding Side Stand System for Two- Wheeled Vehicles	12/26/2025	52/2025	National
5	SDG 9 – Industry, Innovation and Infrastructure	202511117340	Dr. Rajendra Kumar Tripathi, Dr. Shavej Ali Siddiqui	Blockchain-Powerd Secure Identity Verification System	12/26/2025	52/2025	National
6	SDG 9 – Industry, Innovation and Infrastructure	472001-001	Dr. Piyush Kumar Trivedi	Cybercrime Detection Device	10/31/2025	472001-001	National
7	SDG 4 – Quality Education	6479582	Dr. Ajay Kumar Yadav, Dr. Puneet Kumar, Dr. Vandita Anand, Dr. Dileep Kumar, Dr. Mohd Zahid, Tasleem Jamal , Dr. Manvendra Singh, Dr. Abhay Krishna	AI-Based Interactive Touch and Projection Computer Device For Modern Education	10/22/2025	6479582	International
8	SDG 9 – Industry, Innovation and Infrastructure	202511085325 A	Dr. Rajendra Kumar Tripathi	A System For Efficient, Secure, and Reliable Image Transmission in Wireless Sensor Networks (WSN)	9/26/2025	202511085325A	National
9	SDG 4 – Quality Education	466169-001	Dr. Zaibun Nisa	IOT-BASED CLASSROOM MANAGEMENT SYSTEM	7/17/2025	466169-001	National
10	SDG 9 – Industry, Innovation and Infrastructure	202511062115 A	Dr. Zia Jafri	Managing Innovation and Traditional Knowledge: A Sociological Analysis	7/11/2025	202511062115 A	International
11	SDG 6 – Clean Water and Sanitation	202511009634	Dr. Shavej Ali Siddiqui	A System for Autonomous River Cleaning and Waste Management a Cyclic Process	5/23/2025	45/2025	National
12	SDG 12 – Responsible Consumption and Production	202511044890 A	Dr. Syed Haider Ali, Afreen Fatima, Sakshi Roy, Dr. Yusairah Ahmad	AI-Based Ethical Marketing Validators	5/23/2025	202511044890A	National
13	SDG 8 – Decent Work and Economic Growth	459098-001	Dr. Hinadi Akbar, Dr. Anamika Singh, Dr. Yusairah Ahmad, Prof. Syed Haider Ali	Workforce Analysis Device	5/16/2025	459098-001	National
14	SDG 4 – Quality Education	202511027359 A	Professor Syed Haider Ali	AI-Powered Personalized Learning Platform	4/4/2025	202511027359A	National
15	SDG 6 – Clean Water and Sanitation	447924-001	Professor Syed Haider Ali, Sakshi Roy	Modular Filtration Bottle with Detachable Sieve and Dual-Component Base	2/13/2025	447924-001	National

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16	SDG 4 – Quality Education Core alignment: Provide	445898-001	Professor Syed Haider Ali, Dr. Doa Naqvi, Dr. Sushma S. Maurya, Dr Madhuri Chauhan	Work and Study Table	29.01.2025	445898-001	National
17	SDG 13 – Climate Action	011-6403642	Dr. Brajesh Kumar Dwivedi	Sensor Based Wireless Device for Environmental Monitoring	11/18/2024	011-6403642	National
18	SDG 3 – Good Health and Well-being	427695-001	Mr. Vivek Kumar Bajpai	Digital Dental X-Ray Machine	10/22/2024	427695-001	National
19	SDG 9 – Industry, Innovation and Infrastructure	6359919	Dr. Shan e Fatima	AI and ML based Humanoid robot for Industry	25.07.2024	6359919	International
20	SDG 3 – Good Health and Well-being	411016-001	Dr Syed Haider Ali, Dr. Shan-E-Fatima, Dr. Suman Kr Mishra, Dr. Syed Asghar Hussain Rizvi, Mr. Digesh Pandey	AI Based Health Monitoring Car Seat	19.03.2024	411016-001	National
21	SDG 12 – Responsible Consumption and Production	394202-001	Moinuddin Chishti Language University, Prof. N.B. Singh, Dr. Mamta Shukla, Prof. S.K. Trivedi, Deepak Maurya, Suryansh Mishra, Shambhavi Mishra, Vaishnavi Mishra	Pest and Insect Control Device based on ultrasonic sound waves for Agricultural Farms	31.08.2023	394202-001	National
22	SDG 12 – Responsible Consumption and Production	394203-001	Moinuddin Chishti Language University, Prof. N.B. Singh, Dr. Mamta Shukla, Deepak Maurya, Suryansh Mishra	Smart Refrigeration Device with Spoilage Prevention System	31.08.2023	394203-001	National
23	SDG 9 – Industry, Innovation and Infrastructure	202311047049 A	Tanzeel Fatima, Dr. Syed Asghar Husain Rizvi	A System, Method & Device for Facial Expression Synthesis	04.08.2023	202311047049A	National
24	SDG 12 – Responsible Consumption and Production	202311033426 A	Prof. Syed Haider Ali, Dr. Doa Naqvi, Khushnuma Bano	SUSTAINABILITY MANAGEMENT	23.06.2023	202311033426A	National
25	SDG 9 – Industry, Innovation and Infrastructure	20 2022 106 961	Dr. Rajendra Kumar Tripathi	Electronic Commerce Supply Chain Management System for Decorative Materials Using Machine Learning	09.01.2023	20 2022 106 961	International
26	SDG 9 – Industry, Innovation and Infrastructure	2022 11055169	Dr. Rajendra Kumar Tripathi	A System and Method for High Speed Neuron Implementation Using Vedic Mathematics	10.07.2022	2022 11055169	National
27	SDG 4 – Quality Education	370918-001	Dr. Rajendra Kumar Tripathi	IoT Enabled Handy Projector	09.01.2023	370918-001	National
28	SDG 9 – Industry, Innovation and Infrastructure	202241074161	Dr .Shan-E-Fatima	Energy efficient routing protocol to eradicate spoofing in mobile adhoc networks	30.12.2022	202241074161	National

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29	SDG 9 – Industry, Innovation and Infrastructure	202211074447	Dr .Shan-E-Fatima	Distributed smart ledgering solution for efficient contract systems based on Blockchain	31.12.2022	202211074447	National
30	SDG 4 – Quality Education	202111028620	Dr. Suman Kumar Mishra	Automatic Human Personality Detection System using Machine Learning	23.07.2021	202111028620	National
31	SDG 3 – Good Health and Well-being	363897-001	Dr Mamta Shukla	Smart Cup	08.02.2022	111328	National
32	SDG 3 – Good Health and Well-being	202211035751	Dr Mamta Shukla	An herbal formulation of prevention and treatment of diabetes	01.07.2022	26/2022	National
33	SDG 3 – Good Health and Well-being	202121053094	Dr Mamta Shukla	Method and system for automatically identifying a blood donor in vicinity of a patient	12/3/2021	202121053094	National
34	SDG 3 – Good Health and Well-being	20222102097 6 A	Dr Mamta Shukla	Novel Chyawanprash composition with high self life and Low calorific value and method of preparation thereof	6/24/2022	202221020976 A	National
35	SDG 11 – Sustainable Cities and Communities	2021107102	Dr. Shan-E-Fatima	IoT Based Automated Green Energy Management of Public Gardens	11/2/2021	2021107102	International
36	SDG 9 – Industry, Innovation and Infrastructure	202141051872	Dr. Shan-E-Fatima	Enhanced Cybersecurity System for Data Communication to secure IoT Devices	11/26/2021	202141051872	National
37	SDG 3: Good Health and Well-being	202141035817	Prof. S. K. Trivedi	Machine Learning based Smart Variable Device of continous health monitoring of Pregnant Women	13.08.2021	202141035817	National
38	SDG 3: Good Health and Well-being	353917-001	Prof. S. K. Trivedi	Artificial Intelligence based Nerve activation device of health care treatment	29.11.2021	353917-001	National
39	SDG 2: Zero Hunger	202141054863	Prof. S. K. Trivedi	Smart farming system and methods using Artificial Intelligence	29.11.2021	202141054863	National
40	SDG 7: Affordable and Clean Energy	2022/04046	Prof. S. K. Trivedi	A power system distribution classification using support vector machine and a method thereof	29.06.2022	2022/04046	International
41	SDG 7: Affordable and Clean Energy	202022102515	Mr. Vivek Kumar Bajpai	Solar Energy based grid integrated DC fast Charging Station for electric vehicles using advanced DC-DC resonant Converters	30.06.2022	DE 20 2022 102 515 U1	International
42	SDG 7: Affordable and Clean Energy	6247162	Prof. S.K. Trivedi	Electrical battery operated two wheeler driven by internet of things	08.12.2022 (Granted)	6247162	International
43	SDG 11: Sustainable Cities and Communities	6250532	Prof. S.K. Trivedi	Smart Locking Mechanism in Electrical Moter Cycle	03.01.2023 (Granted)	6250532	International

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44	SDG 3: Good Health and Well-being	366066-001	Prof. S.K. Trivedi	Intranasal Drug Delivery Device with Artificial intelligence based controlled	04.01.2023 (Granted)	366066-001	National
45	SDG 3: Good Health and Well-being	20224106748 0A	Prof. S.K. Trivedi	AI based car tire blowout security system	23.12.2022	202241067480A	National
46	SDG 9: Industry, Innovation and Infrastructure	20224107529 3 A	Prof. S.K. Trivedi	Method for converting a three dimensional Lidar data to a projection shape and a multi Chanel two-dimensional image for performing segmentation	13.01.2023	202241075293 A	National
47	SDG 3: Good Health and Well-being	374069-001	Prof. S.K. Trivedi	Device with Artificial Intelligence for a Pet care facility monitoring	31.01.2023 (Granted)	374064-001	National
48	SDG 3: Good Health and Well-being	202311046518 A	Dr Rajendra Kumar Tripathi	Method for Providing Definitive Blood Circulation of Heart Using Machine Learning Model	8/4/2023	202311046518A	National
49	SDG 9: Industry, Innovation and Infrastructure	202311012923 A	Dr. Suman Kumar Mishra	Implementation of Image Processing Techniques for Identifying the Security Aspects in Internet of Things	3/17/2023	202311012923A	National
50	SDG 9: Industry, Innovation and Infrastructure	6295324	Dr Rajendra Kumar Tripathi	Smart Portable Industrial Hydraulic Drum Lift Machine	7/17/2023	6295324	International