



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA
माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत

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Department of Electrical Engineering

Patent: Filed & Published

S.No.	Patent Title	Applicant	Year of Application & Status	Application/Registration No	Application Level
1	Block Chain Based Integrated Forecast, Demand and Supply Chain Management System for Marketplace with the Approach of Machine Learning	Dr. Shishir Dixit et. al.	10-03-2021 and Granted 21/04/2021 (Australian)	2021101251	International
2	Method and System for Automatically Monitoring the Growth of Plants	Dr. Shishir Dixit, Dr Himmat Singh, Dr Vijay Bhuria, Kuldeep Kumar Swarnkar et. al.	11-06-2021 and Granted 16/07/2021	20212102608 8	International
3	A Centralized Crime Reporting and Management System	Dr. Shishir Dixit et. al.	12-06-2021 and Published 16/07/2021	20212102624 4	International
4	System and Method to Transport Products Over a Network	Dr Shishir Dixit et. al.	11-06-2021 and Published 16/07/2021	20212102613 2	International
5	System and Method for Criminal Detection and Recognition	Dr Shishir Dixit et. al.	13-10-2020 and Published 29/10/2021	20201104458 3	International
6	Method and System for Automatically Identifying a Blood Donor in Vicinity of a Patient	Dr Shishir Dixit et. al.	18-11-2021 and Published 03/12/2021	20212105309 4	International
7	System and Method for Secured Irrigation, Application	Dr Shishir Dixit et. al.	24-08-2021 and Published 08/12/2021 (Australian)	2021106933	International
8	An AI Based System to Detect Person and Their Activity in Low Illuminated Space and Method There of	Dr Shishir Dixit et. al.	08-02-2022 and Published 08/04/2022	20222100668 0	International
9	Cup	Dr Shishir Dixit et. al.	08-02-2022 and Published 06/04/2022	358114-001	International

10	Microbial Fuel Cell Based on Plants for Electricity Generation	Dr. Shishir Dixit et. al.	16-06-2021 and Published 15/07/2022	344797-001	International
11	A Smart Grid Connected Inverter Device	Dr. Arun kumar Wadhwani et al.	07-02-2024 Granted, Design Patent	6343236	National
12	Device to measure sugar content in Food products	Dr. Shishir Dixit et. al.	12/03/2025 Granted, Design Patent	451247-001	National
13	AI and IoT based route navigation and assistance application system for managing large scale environments	Dr. Shishir Dixit et. al.	26/02/2025 Granted, Design Patent	449454-001	National