

DEPARTMENT OF CIVIL ENGINEERING

PATENT DETAILS 2023

S.No.	Name of Inventor	Title of Patent	Type of Patent	Date of Awarded / Registered	Status
1	Mr. Anant Kumar	SOLAR-POWERED READY MIX CONCRETE MACHINE	DESIGN	23/11/2023	REGISTERED
2	Mr. Nishant Tripathi, Dr. Tarun Kumar Rajak	Scratch -generating shuttering plate for plastering	DESIGN	6/11/2023	REGISTERED
3	Mr. Anurag Wahane	Wireless transaction securing device	DESIGN	6/11/2023	REGISTERED
4	Dr. Tarun Kumar	Portable Computer tab	DESIGN	26/10/2023	REGISTERED
5	Dr. Tarun Kumar	Soil Sampling Device	DESIGN	20/09/2023	REGISTERED
6	Mr. Krishna Deep	Post Disaster Assessment Device	DESIGN	7/8/2023	REGISTERED
7	Mr. Anurag Wahane	Smart Bank Administrating Device	DESIGN	26/08/2023	REGISTERED
8	Mr. Anant Kumar, Ms. Barkha Verma, Mr. Divyarth Manas, Mr. Rajan Kumar Singh, Mr. Krishna deep	Real-Time Concrete Crack Detector	DESIGN	6/7/2023	REGISTERED
9	Dr. Tarun Kumar Rajak, Mr. Nishant Tripathi	Smart System for Post-Disaster Assessment and Impact Identification On Building Structure	UTILITY	23/06/2023	PUBLISHED
10	Dr. Tarun Kumar Rajak, Mr. Nishant Tripathi	Real-Time Monitoring and Predictive Analysis Device for Early Warning of Construction Issues and Structural Failure	UTILITY	23/06/2023	PUBLISHED
11	Md. Parvej Alam	Development of artificial intelligence methods for planning of the transportation network	UTILITY	30/06/2023	PUBLISHED
12	Md. Parvej Alam	Artificial Intelligent and Machine Learning Methods to	UTILITY	16/06/2023	PUBLISHED



		predict the strength of geopolymer concrete			
13	Ms. Barkha Verma	Device For Predicting Construction Failures	DESIGN	7/6/2023	REGISTERED
14	Md. Parvej Alam	Robotic Excavation Assistant for Site Exploration	DESIGN	6/6/2023	REGISTERED
15	Dr. R.B Malathy	Solar Powered Device to Check Nutrients in Water	DESIGN	24/05/2023	REGISTERED
16	Mr. Anant Kumar	Solar Powered Air Pollution Indicator	DESIGN	16/05/2023	REGISTERED
17	Dr. R.B Malathy	Vibrating Device to test Structural Strength	DESIGN	17/05/2023	REGISTERED
18	Md. Parvej Alam	Device to analyze the Health of Concrete Bridge	DESIGN	17/05/2023	REGISTERED
19	Mr. Anurag Wahane, Ms. Barkha Verma, Mr. Anant Kumar	Shipping Pallet	DESIGN	13/03/2023	REGISTERED
20	Mr. Divyarth Manas	Earthquake-Proof Study Table	DESIGN	2/2/2023	REGISTERED
21	Mr. Rajan Kumar Singh	Smart Sensor-Based Communication Device	DESIGN	2/2/2023	REGISTERED