

## Department of Research & Development

### Patents / Design – Applied / Published / Granted

Sr. No.	Name of Person	Title	Status	Patent No. / Design No.	Date of Award / Filing / Publishing
1.	Dr. K. T. V. Rao (Faculty)	Government Fund Allocation & Tracking System Over Blockchain	Applied	Application No. (202221018493A)	March 29, 2022
2.	Dr. Arjita Biswas (Faculty)	Intelligent Green Building Technology	Applied	Application No. (202321005579)	January 27, 2023
3.	Dr. Rajesh Goyal (Faculty)	Method to Improve Property of Soil in a Subgrade Layer of a Pavement using Ground Granulated Blast Furnace Slag (GGBS), Stone Dust and Lime	Applied	Application No. (202311011928)	February 22, 2023
4.	Dr. Tenepalli Jaisai (Faculty)	Excavation Site Surveillance Robot	Granted	384442-001	August 10, 2023
5.	Dr. J. S. Sudarsan (Faculty)	Microbial Solutions for Wastewater Purification	Applied	Application No. (202321057353 A)	August 26, 2023
6.	Dr. Prashant I. Dave (Registrar)	A System and Method for Linking Internet Advertisements to Consumer Purchasing Behavior	Applied	Application No. 202441025095 A	March 28, 2024
7.	Dr. Rajesh Goyal (Faculty) & Ms. Balkis A. (Ph. D. Scholar)	Concrete Mixer Machine	Granted	409032-001	May 2, 2024
8.	Dr. Jonardan Koner (Faculty) Dr. Gautam Vasantrao Vikhe (Staff)	PTP Employability Model: Enhancing Job Readiness Through Pre-Post Assessment and PAC Analysis	Applied	202421029728	May 3, 2024
9.	Dr. Tenepalli Jaisai (Faculty)	Concrete Block Durability Testing Device	Granted	408941-001	May 9, 2024

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10.	Dr. Babalu Rajput & Dr. Tenepalli Jaisai (Faculty)	Solar Powered Concrete Trowel	Granted	410872-001	May 22, 2024
11.	Dr. Anilkumar Agarwal (Faculty) Dr. Babalu Rajput (Faculty) Dr. Tenepalli JaiSai (Faculty)	Brick Quality Monitoring Device	Published	414500-001	June 6, 2024
12.	Dr. Tenepalli Jaisai (Faculty)	Aggregate Quality Analyzer	Granted	415770-001	June 24, 2024
13.	Mr. Sachin Bellari (PG Student)	Reusable Fire Sprinkler with Neodymium Magnet	Published	TEMP/E-1/73488/2024- MUM	August 21, 2024
14.	1. Rahul Daiya 2. Dr. Ainsh Ojha 3. <b>Dr. Unnati Satish Agrawal (Faculty)</b> 4. Aman Jain	Geopolymer Concrete Interlocking Speed Beker	Granted	423418-001	August 29, 2024
15.	1. Dr. Anilkumar Agarwal (Faculty) 2. Dr. B. Rajput (Faculty)	Concrete Modulus Testing Device	Granted	435591-001	December 13, 2024
16.	Dr. Adinath Damale	Improved VGA Port with Rectangular Alignment Guide	Filed	202521012801	February 14, 2025