

Bharati Vishwavidyalaya, Durg

Faculty Research Innovation (Journal/Books/Conference/Workshop)

Table.3: Patents

Sl. No	Faculty Name	Department	Patent title	Patent number	Patent date	Total number of patent filed	Total number of Patent granted	Total number of trademark granted	
1	Dr. Rohit Kumar Verma	Mathematics	Artificial Intelligence Based System to Study the Gene Mutation and Their Sequence Listing in Physically Challenged Persons”	Application No.202241045059	Date 23/09/2022.				
2	Dr. Rohit Kumar Verma	Mathematics	“Implementation of Probability of Detection as Statistical Model to Study the Barriers in E-Commerce Marketing and Validating Them Using Qualitative Methods”	Application No. 202211052851	Date 07/10/2022.				
3	DrPratibha Suresh Kurup	Chemistry	SYNTHESIS OF BIODEGRADABLE POLYMERS FOR ENVIRONMENTAL APPLICATION	15964-15967	14/02/2025				

4	DrPratibha Suresh Kurup	Chemistry	SOLAR ASSISTED WATER PURIFIER, Indian Patent,	DESIGN NO.446502-001	dated 03/02/2025				
5	DrPratibha Suresh Kurup	Chemistry	IOT BASED AIR QUALITY MOITORING DEVICE, Indian Patent	DESIGN NO.430842-001	18/09/2024				
6	DrPratibha Suresh Kurup	Chemistry	IOT BASED CARBON DIOXIDE REMOVAL MACHINE, Indian Patent,	DESIGN NO.414489-001,	dated 23/04/24				
7	Dr. Virendra K Swarnakar	Computer Science & Engineering	ADVANCED NATURAL LANGUAGE PROCESSING LIBRARY FOR SENTIMENT ANALYSIS IN SOCIAL MEDIA	202311086595	U/S 11A) 19/01/2024				
8	Dr. Virendra K Swarnakar	Computer Science & Engineering	BIG DATA SECURITY ENHANCEMENT BASED INTRUSION DETECTION SYSTEM USING K MEAN CLUSTERING OF DECOMPOSITED FEATURES		U/S 11A) 19/01/2024				
9	Dr. Virendra K Swarnakar	Computer Science & Engineering	ARTIFICIAL INTELLIGENCE BASED NEONATAL RADIANT WARMER.	Design No. : 403147-001	26/12/2023				
10	Dr. Virendra K Swarnakar	Computer Science & Engineering	ARTIFICIAL INTELLIGENCE BASED NEONATAL RADIANT WARMER.	Design No. :411949-001	29/03/2024				