

**BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR
Intellectual property rights (IPR)
Patent**

Sr. No.	Name of the Applicant	Title of patent	Type of patent National / International	Application Number	Status		
					Filed	Published	Awarded
1	1. Bharati Vidyapeeth's College of Engineering, Kolhapur 2. Dr. Jayamala Kumar Patil 3. Ms. Priyadarshani Shivakumar Mali 4. Mr. Vikas Dattatray Patil 5. Ms. Aarti Hemant Tirmare 6. Mr. Vinay Sampatrao Mandlik 7. Mr. Ranjeet Ramesh Suryawanshi 8. Dr. Kamalakar Ravindra Desai	SMART DESK TO IDENTIFY LEARNING DISABILITIES	National	380135-001	25/02/2023	26/05/2023	23/05/2023
2	Dr. Sunil Jagannath Kadam	COST-EFFECTIVE ELECTROSPINNING SETUP FOR SYNTHESIS OF NANOFIBERS	National	202121004762	04/02/2021	26/02/2021	11/02/2022
3	1. Dr. Rajkumar K. Chougale 2. Mr. Vinay S Mandlik	MCB UNIT WITH TOUCH SCREEN FOR DOMESTIC PURPOSE	National	372033-001	05/10/2022	06/01/2023	04/01/2023
4	Dr. Kedar Sharad Joshi	A SMART IOT BASED NATURAL LANGUAGE PROCESSING SYSTEM WITH PROMPT OF ENGLISH SENTENCES TO HELP LAYMEN'S INTERACTION WITH VIRTUAL ASSISTANTS EMBEDDED WITH SENSORS ALONG WITH PRONUNCIATION	National	202241051821	11/09/2022	16/09/2022	
5	Ms. Sarita Santaji Shinde	AI & ML BASED SYSTEM FOR PREDICTION OF WIND POWER FOR MULTI-TURBINES	National	202221050126	02/09/2022	16/09/2022	
6	Ms. Sarita Santaji Shinde	A SYSTEM FOR MAPPING CANCER COMMON DATA ELEMENTS USING ANN & AI MODULES	National	202221051203	07/09/2022	16/09/2022	
7	1. Dr. Rajkumar K. Chougale 2. Mr. Vinay S Mandlik	BATTERY MANAGEMENT SYSTEM FOR GREEN ENERGY STORAGE	National	202221048908	26/08/2022	09/09/2022	
8	Dr. Rajkumar K. Chougale	DESIGN AND IMPLEMENTATION OF A SMART SOLAR PANEL WITH AUTO RECTIFICATION AND SELF PHASED MANAGEMENT FEATURES	National	202221036570	25/06/2022	22/07/2022	

9	Dr. Rajkumar K. Chougale	DESIGN OF SOLAR THERMAL POWER INTEGRATION SYSTEMS TO INCREASE THE EFFICIENCY OF UTILISATION OF RENEWABLE ENERGY RESOURCES IN HOUSING UNITS	National	202211035079	19/06/2022	01/07/2022	
10	Dr. Vijay Ram Ghorpade	DYNAMIC TRUST MANAGEMENT FOR COMMUNITY BASED MOBILE GRID APPLICATION	National	201921047137	19/11/2019	21/05/2021	
11	Dr. Vijay Ram Ghorpade	INTELLIGENT COIN SEPARATOR	National	201821038013	08/10/2018	15/01/2021	
12	Dr. Vijay Ram Ghorpade	SECURE ROUTING PROTOCOL FOR MOBILE AD-HOC NETWORK (MANET)	National	201921053631	24/12/2019	03/01/2020	
13	Dr. Sunil Jagannath Kadam	DESIGN, FABRICATION AND ANALYSIS OF SOYABEAN MOISTURE REDUCING MACHINE IN SOYBEANS	National	201621003189	29/01/2016	20/10/2017	
14	Dr. Vijay Ram Ghorpade	METHOD AND APPARATUS FOR HIGH PERFORMANCE COMPUTING USING MOBILE GRID	National	4218/MUM/2015		12/05/2017	
15	Mr. Jayant Chandrakant Thorat	IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE BASED TECHNIQUE INTEGRATED WITH MOLECULE MACHINES TO GENERALISE AUTOMATED CHEMISTRY	National	202341003016	15/01/2023	27/01/2023	
16	Mr. Jayant Chandrakant Thorat	IOT BASED AUTOMATIC VEHICLE ABNORMAL ACCIDENT DETECTION AND RESCUE SYSTEM	National	202221072657	15/12/2022	30/12/2022	
17	1. Mr. Gajendra Jaysing Pol 2. Mr. Avadhut Rajaram Jadhav 3. Mr. Jitendra Govind Shinde 4. Mr. Ranjeet Sarjerao Mithari	DESIGNING A SMART CUTTING MACHINE TO CUSTOMIZE THE PRODUCTION OF PRODUCTS IN MANUFACTURING DEPARTMENT	National	202221054074	21/09/2022	23/12/2022	

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1	Dr. Jayamala K. Patil Mr. Vinay S Mandlik	Soybean Healthy Leaf Image Database	National	18643/2022-CO/A	Artistic	06/09/2022		