

RKDF University, Bhopal

Number of Patents published/awarded year wise during the last five years

| Name of the Teacher | Patent Number | Title of the patent | Year of Award / publish of patent |
|---|---------------|--|--------------------------------------|
| Dr. Mohan Lal Kori, Vedica College of B.Pharmacy, RKDF University, Gandhi Nagar, Bhopal MP-462036, India | 201721014382 | Radioprotector potential of methanolic extract of Alpine zerumbet against ionizing radiation | 2018 - 19 |
| Dr. Ravi Kumar Singh Pippal, Vedica Institute of Technology, R.K.D.F. University, Bhopal, Madhya Pradesh | 201721024152 | An apparatus and method based on use of linear interpolation for automated drip irrigation system in agriculture using wireless sensor network | 2018 - 19 |
| Dr. Vinod Krishna Sethi, RKDF University, Bhopal | 201721025211 | Dental conduction hearing appliance | 2019 - 20 |
| Ms. Archana Bagre, Dr. Narendra Lariya, Ms. Ritwiz Bhardwaj, Dr. Mohan Lal Kori; Vedica College of B.Pharmacy, RKDF University, Gandhi Nagar, Bhopal MP-462036, India | 201921015277 | Chitosan Ascorbate Microspheres For Pulmonary Tuberculosis | 2019 -20 |
| Dr. Sohail Bux, Agnos College of Technology Bhopal (M.P.) | 21921030743 | Screw Press Machine To Remove Wet-Paper Moisture In Waste Paper Recycling Purpose | 2019 - 20 |
| Dr. Vinod Krishna Sethi, RKDF University, Bhopal | 202121023921 | A REACTOR FOR REDUCING ENERGY PENALTY IN A SOLAR THERMALINTEGRATED CARBON CAPTURE PLANT | 2020-21 |

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| Mr Ajay Vardhan, Prof Prashant Sharma, Prof Nitin Shrivastava, Prof Amitesh Paul, Mr Pawan Saini | 202021009411A | A Kit For Conversation of Single Cylinder Compression Ignition Engine To Multi Fuel SI Engine. | 2020-21 |
| Dr. Abhishek Dwivedi, RKDF University, Bhopal | 202021054861 | Herbal formulation for the treatment of Vaginal Candidiasis | 2020-21 |
| Dr. Virendra Kumar Patel, RKDF University, Bhopal | 202121046949 | CHARACTERIZATION OF TERPENOID ISOLATED FROM CURCUMA AMARANTHICA | 2021-22 |
| Dr. Virendra Kumar Patel, RKDF University, Bhopal | 202121038243 | SYNTHESIS OF CHALCONE, ITS CYCLIC DERIVATIVES OF ISOXAZOLE AND PYRAZOLE AND EVALUATION OF ANTI-OBESITY ACTIVITY | 2021-22 |
| Dr. Sandeep Dubey, RKDF University, Bhopal | 2021106436 | AN AUTOMATIC ADVERTISING SYSTEM FOR PROVIDING PERSONALIZED AND VISITING LOCATION BASED PROMOTIONAL OFFERS RELATED TO NEARBY BUSINESS USING MACHINE LEARNING MODEL | 2021-22 |
| Dr. Rajesh Kumar Sharma, RKDF University, Bhopal | 202141048389 | A METHOD FOR MANAGING AND ANALYSIS OF DATA IN SMART BUILDING | 2021-22 |
| Dr. Virendra Kumar Patel, RKDF University, Bhopal | 202121055506 | METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ANALYSIS OF ATENOLOL AND AMLODIPINE BY RP-HPLC | 2021-22 |

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| Dr. Ravi Kumar Singh Pippal, Vedica Institute of Technology, R.K.D.F. University, Bhopal, Madhya Pradesh | 202141039102 | LONG RANGE SPY ROBOT WITH NIGHT VISION | 2021-22 |
| Dr. Ravi Kumar Singh Pippal, Vedica Institute of Technology, R.K.D.F. University, Bhopal, Madhya Pradesh | 202141037966 | TOUCH SCREEN DEVICES EMPLOYING GRAPHENE ELECTRODES | 2021-22 |
| Dr. Ravi Kumar Singh Pippal, Vedica Institute of Technology, R.K.D.F. University, Bhopal, Madhya Pradesh | 202121048051 | INTELLIGENT WATER MANAGEMENT PROCESS IN CROP CULTIVATION USING IOT DEVICES | 2021-22 |
| Dr. Sanjay Jain, RKDF University, Bhopal | 2021104760 | ARTIFICIAL NEURAL NETWORKS BASED OPTIMAL CONTROL OF SMART GRIDS | 2021-22 |
| Dr. Vinod Krishna Sethi, RKDF University, Bhopal | 202121030666 | HIGH ENERGY DENSITY SALT SYNTHESIS FOR THERMAL ENERGY STORAGE APPLICATION | 2021-22 |
| Dr. Ravi Kumar Singh Pippal, Dr. Sunil Patil, Chirag Gupta, Ajay Kumar Barapatre, Abhimanyu Kumar, RKDF University, Bhopal | 202221007499 | Method and System for Secure Key Exchange in Internet Protocol Television (IPTV) Network | 2021-22 |
| Dr. Ravi Kumar Singh Pippal, Vaibhav Kant Singh, Pradeep Gupta, Dr. Manish Gangil, Dr. Sohail Bux, Dr. Ritesh Sadiwala, Jayant Yogendra Hande, Jayantkumar D. Dorave | 202221000273 | Method for Migration of Sessions among Cipher Machines using Lagrange Interpolation | 2021-22 |
| Dr. Ravi Kumar Singh Pippal, Dr. Virendra Singh Chaudhary, Dr. Akhilesh Chandra Nayak, Yogesh Mishra, Ambresh Patel, Dr. Ritesh Sadiwala, Jayshree Tiwari | 202221007249 | Mechanism for Secure Key Establishment and handover Management in Wireless Sensor Networks | 2021-22 |

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| Dr. Ravi Kumar Singh Pippal, Dr. Sunil Patil, Dr. Rajesh Kumar Sharma, Dr. Puneet Dwivedi, Dr. Suchi Gangwar, Dr. Shiv Singh Basediya, Vishal Shrivastava, RKDF University, Bhopal | 202121061606 | An Intelligent resource management techniques for use at home-an eco-friendly approach | 2021-22 |
| Dr. Sanjay Jain, Abhimanyu Kumar, Priyanka Maheshwari, Varsha Mehar, Mr. Nitesh Kumar Lal, RKDF University, Bhopal | 202221012157 A | MACHINE LEARNING AND IOT BASED SCALABLE ENERGY MANAGEMENT SYSTEM FOR SMART GRIDS | 2021-22 |
| Mr Ajay Vardhan, Prof Prashant Sharma, Prof Nitin Shrivastava, Prof Amitesh Paul, Mr Pawan Saini, Dr A.C. Tiwari | 202121059565A | Low Cost Battery Operated Car Jack With Multiple Speed Operation | 2021-22 |
| Dr. Virendra Kumar Patel, RKDF University, Bhopal | 202121037112 | SYNTHESIS OF CHALCONE | 2021-22 |