



GOVERNMENT DENTAL COLLEGE & HOSPITAL, NAGPUR

LIST OF PATENTS

Sr N.	Department	Name of Researcher	Title of patent	Whether filed or granted	Application No.	Year
1.	Orthodontia	Dr. Wasundhara Bhad	3 D titrable apnea appliance	Granted	1830/MUM/2014 A	2014
2.	Orthodontia	Dr. Wasundhara Bhad Mr Ketan Sisodia Dr. Nikhita Baheti Dr. R B Deshmukh	Electronic sensor for wear time measurement of removable appliances in dentistry	Granted	201921037246 A	2020
3.	Oral & Maxillofacial Surgery	Dr. Abhay Datarkar	Twin Fork Miniplate for Fixation of Mandibular Fracture	Granted	201821045996A	2019
4.	Oral & Maxillofacial Surgery	Dr. Abhay Datarkar	Universal angulated screw holder and screw driver	Granted	342607-001	2021
5.	Oral & Maxillofacial Surgery	Dr. Abhay Datarkar	feeding bottle for cleft palate babies	filed	201621011518	2016
6.	Conservative Dentistry and Endodontics	Dr.Krutika Borle, Dr. Jyoti Wankhade, Dr. Manjusha Warhadpande	An intraoral voltametric device for measurement of pH and temperature of saliva and a method	Filed	Temp/E-1/38617/2019-MUM	2019
7.	Pedodontia	Dr. Ritesh Kalaskar	Obturagun A novel device for root canal obturation in primary teeth	Filed	201921047924 A	23-11-2019
8.	Pedodontia	Dr. Ritesh Kalaskar	Biofeedback dental anxiety regulator	Filed	201921047146 A	19-11-2019



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9.	Department of Periodontology	Dr.Sanket V. Shinde, Dr.Vaibhav A. Karemore, Dr. Mangesh B. Phadnaik , MRb.Abhijeet Raut	Perio Implant	Filed	332722-001	2020
10.	Pedodontia	Dr. Ritesh Kalaskar	Clock Dent: A novel device for local anesthesia delivery	Filed	202021043872 A	2020
11.	Department of Periodontology	Dr. Shivani Sachdeva, Dr.Kirti Chawla, Dr. Harish Saluja, Dr.Amit Mani, Dr. M.B. Phadnaik, Rural Dental College	Detntal curette with light emitting diode and mouth mirror for lamination	Filed	202121022892A	2021
12.	Conservative Dentistry and Endodontics	Dr. Kunal Jayawant Fule Dr. M.M. Warhadpande Dr. Darshan Dakshindas	Electronic Toothbrush with Pressure Gauging Sensor	Filed	202221005033	2021
13.	Conservative Dentistry and Endodontics	Dr. M. Meenakshi; Dr. Manjusha M. Warhadpande, Dr. Darshan M. Dakshindas	A novel bite block with a built-in suction device	Filed	202121024637	2021
14.	Conservative Dentistry and Endodontics	Dr. Manjusha M. Warhadpande, Dr. Darshan M. Dakshindas; Dr. Anjali Mule	Magnetic instrument retrieval system	Filed	202221005014	2021

**DESIGN**

Sr. No.	Name of researcher	Staff /Student	Title of design	Whether filed or granted	Application No.	Year
1	Dr. Abhay Datarkar Dr. Subodh Purohit	Staff	Novel device for temporomandibular joint arthrocentesis	Filed	Filed	2021
2	Dr. Abhay Datarkar	Staff	Universal angulated screw holder and driver	Filed	Filed	2021