

**RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH
CENTRE, NAGPUR**

List of Patents granted

Sr. No.	Name of Staff Member	Name of the Department	Year	Application Number and Date	Title	In Process/ Granted
1.	Dr. Abhay Kolte Dr. Girish Bodhare Dr. Rajashri Kolte	Periodontics & Implantology	2017	Application no- 201721016658 Date- 11/05/2017	A device used to measure intraoral dimensions required for implant placement (Patent)	Granted
2.	Dr. Surekha Rathod, Dr. Noopur Gonde, Dr. Srushti Dhande	Periodontics & Implantology	2021	Application no- 2021121027241 Date- 18/06/2021	A Process for Preparing stable locally acting sustained release composition of melatonin.	Granted
3.	Dr Pranav Ingole, Dr. Jui Karmarkar, Dr. Nilima Budhraj, Dr. S.R, Sheno, Dr. Vrinda Kolte	Oral and Maxillofacial Surgery	2021	Application Number 202121017522	PI-Plate: Innovative bone plate design for management of sub-condylar fracture by open reduction and Internal Fixation	Granted
4.	Dr. Abhay Kolte	Periodontics and Implantology	2024	Application Number	An AI based periodontal diagnostic device	Granted
5.	Dr. Sandeep Khandaitkar	OMFS	2024	Application Number 544615	A maxillomandibular fixation device	Granted
6.	Dr. Surekha Rathod	Periodontics	2025	Application Number 459091-001	A portable device for screening of diabetes and periodontitis	Granted
7.	Dr. Surekha Rathod	Periodontics	2025	Application Number 447411-001	Device for screening of oral diseases	Granted

8.	Dr. Surekha Rathod	Periodontics	2025	Application Number 449415-001	Ortho Perio Probe	Granted
9.	Dr. Pranjali Bawankar	Periodontics	2025	Application Number 418430-001	AI Based Periodontal Treatment Device	Granted
10.	Dr. Pranjali Bawankar	Periodontics	2025	Application Number 439301-001	Design Patent granted for Clean Flow Perio elevator	Granted