

Patents Published and Granted 2025

S.No	Faculty Name(s)	Department	Designation	Title of Innovation	Application / Patent No.
1	Dr. Anita M	Public Health Dentistry	Professor & Head	Tamil Questionnaire to assess knowledge, attitude & practices towards oral hygiene among 12-year-old school children	7149/2025-CO/L
2	Dr. Maria Priscilla Wincy W, Dr. K.R. Sadhana	Oral Medicine & Radiology	Senior Lecturer	Dental impression trays with adjustable jack screws	450935-001
3	Dr. Venkatesh	Conservative Dentistry & Endodontics	Professor & Head	Herbal medicine formulating apparatus	434519-001
5	Dr. Venkatesh	Conservative Dentistry & Endodontics	Professor & Head	AI-based respiratory sensing and disease prevention device	202641019946A
6	Dr. Sumathi Jones	Pharmacology	Professor & Head	Extraction of Morpholine from Srikandhasavam for neuroprotection & alcohol dependence inhibition	202541089300A
7	Dr. Sumathi Jones	Pharmacology	Professor & Head	Extraction of antidiabetic biomolecule D-Mannose from Ashwagandharishtam	202541108750A
8	Dr. Sumathi Jones	Pharmacology	Professor & Head	Extraction of male fertility biomolecule from Ajaswagandhahadi Lehyam	202541108751A
9	Dr. Revathy P	Conservative Dentistry & Endodontics	Senior Lecturer	Angulated Gutta Percha Scissor	471972-001
10	Dr. Revathy P	Conservative Dentistry & Endodontics	Senior Lecturer	Dental Peeso Reamer	471973-001
11	Dr. Shalini H	Conservative Dentistry & Endodontics	Senior Lecturer	Automated root canal preparation device with adaptive torque control	449130-001
12	Dr. Ponnudurai Arangannal, Dr. Jeevarathan J, Dr. G.R. Ishwarya Dhevi	Pedodontics	Professor & Head, Professor and Assistant Professor	Dental White Portland Cement	Patent No: 400091

13	Dr. Ponnudurai Arangannal, Dr. Jeevarathan J, Dr. G.R. Ishwarya Dhevi	Pedodontics	Professor & Head, Professor and Assistant Professor	A Core-Shell Structure Based Radiopaque Putty, Its Method Of Synthesis And Applications Thereof	202541012848A (SBDCH & IIT)
14	Dr. Janani Balachandran	Conservative Dentistry & Endodontics	Reader	Dental Diagnostic Probe Tip with Integrated Mirror	484239-001
15	Dr. Madhumitha URK, Dr. Anitha Balaji	Periodontology	Postgraduate	Electrosurgical device for controlled incision & coagulation	TEMP/E-1/120096/2025-CHE
16	Dr. Saranya, Dr. Nilofer Farjana	Periodontology	Postgraduate	Oral Epithelium Scraping Double-ended Instrument	475784-001
17	Dr. Saranya, Dr. Rudhra K	Periodontology	Postgraduate	Biopolymer membrane with <i>Tridax procumbens</i> extract & silver nanoparticles	TEMP/E-1/99136/2025-CHE
18	Dr. Mahashwetha A, Dr. Ranjith Mari	Periodontology	Postgraduate	AI-based mobile app for periodontal health & remote consultation	TEMP/E-1/101939/2025-CHE
19	Dr. Preetha R, Dr. Angelin Fiona	Periodontology	Postgraduate	Tissue Outliner for Gingival Grafting	474942-001
20	Dr. Sajid T. Hussain	Periodontology	Associate Professor	Multi-tooth flossing & fluoridation device	202421096104 A
21	Dr. K.R. Sadhana, Dr. S. Lakshmi Prasanna	Prosthodontics	Assistant Professor	Dental Gingival Probing Device	483166-001