



MEENAKSHI
ACADEMY OF HIGHER EDUCATION & RESEARCH
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2019 – 2020

Details of Patents

S. No.	Application No.	Title of the patent/	Name of the Inventor	Status	Date of Publication / Grant
1.	201941027467	Process of Extraction of Bioactive Compound Allantoin From CleomecViscosa L	Dr. Lakshmanan G Prof. Murugesan K	Granted	09.10.2024
2.	201941027468	Evaluation of Bio-Guided Identification of Aerial Parts of Cleome Viscosa L. and it's In Vitro Approach	Dr. Lakshmanan G Prof. Murugesan K	Published	02.08.2019
3.	201941037966	Mini Access Template for Guided Access During Root Canal Treatment in Posterior Teeth by using 3 D Printing	Dr. Velmurugan N Dr. Sathish Sundar Dr. Krithika Datta Dr. Aswathi Varghese	Published	27.09.2019
4.	201941048649	Device for Sensing Tactile Perception	Dr. Senthamarai S Dr. Muthulakshmi K	Granted	08.01.2024
5.	201941048653	Convertible Wheel Chair	Dr.Backiyaraj Dr. Thulasi Raman D	Granted	03.01.2024
6.	201941048654	Wearable Hygiene Maintaining Apparatus	Dr. Mithun Kumar G H	Granted	26.12.2023

7.	201941048655	Device for Dispensing Dental Fillings	Dr. Mohammed Junaid Dr. Divya Raghunathan Dr. Preetha Elizabeth Chaly Dr. Parvathy Thampy Prabhakaran Suprabha	Published	29.11.2019
8.	201941048658	Wearable Automatic Injection Device	Dr. Backiyaraj Dr. Thulasi Raman D	Granted	02.12.2023
9.	201941048659	Dental Treatment Device	Dr. Kinnari A Kasabwala Dr. Sathish Sundar	Granted	26.12.2023
10.	201941048646	Dental Implantation Device	Dr. Velmurugan N Dr. Nandini Suresh Dr. Haritha J S	Published	06.12.2019
11.	201941048647	Oral Care System	Ravanasamudram Sundaram Neelakandan	Granted	29.03.2023
12.	201941048648	Multi-Functional Stethoscope Device	Dr. Anbahazhagan G	Published	06.12.2019
13.	201941048711	Device for Stabilizing Breathing Disorder	Dr. Selvakumaran	Published	06.12.2019
14.	201941048712	Dental Flossing Device	Dr. Praveen R Dr. Velmurugan N	Published	06.12.2019

15.	201941048713	Health Management System	Dr. Neelambikai	Published	06.12.2019
16.	201941048714	Tooth Extraction Device	Dr. Selvakarthikeyan U	Published	06.12.2019
17.	201941048715	Eye Care System	Dr Sundararajan D	Granted	06.02.2024
18.	201941048718	Suction And Irrigation Device	Dr. Vijayalakshmi R	Granted	20.05.2025
19.	201941048719	Dental Restoration Device	Dr. Thomas Zachariah	Published	06.12.2019
20.	201941048720	Device for Determining Salivary Parameters	Dr. Ursula Sampson	Published	13.12.2019
21.	201941048721	Wearable Suction Device	Dr. Lakshmanan G	Published	13.12.2019
22.	201941048722	Mental State Monitoring Device	Dr Karthigai Priya M Dr Ardhanari	Granted	09.05.2025
23.	201941048723	Dental Drug Delivery Apparatus	Dr. Manikandhan R	Published	13.12.2019
24.	201941048724	Urinalysis Device	Dr. Jaiganesh S	Published	13.12.2019

25.	201941048725	Fault Tolerant Implantable System	Dr Punitha	Published	13.12.2019
26.	201941048726	Blood Gas Testing Device	Dr. Eswari V Dr. Suresh	Published	13.12.2019
27.	201941048727	Intra-Oral Massaging Device	Dr. Ratna Parameswaran Dr. Shruthi Pradeep	Published	13.12.2019
28.	201941048728	Body Fluid Testing Apparatus	Parimala K	Published	13.12.2019
29.	201941048729	Implantable Health Monitoring System	Natarajan S	Published	13.12.2019
30.	202041006698	Mandibular Third-Molar Surgical Retractor	Dr. Manikandhan R	Granted	16.01.2024
31.	202041006699	Temporomandibular Joint Space Retractor	Ravanasamudram Sundaram Neelakandan Dr. Rajakumar K	Granted	28.08.2023
32.	202041006700	Acrylic Dental Needle Sheathing Device	Dr. Rajkumar K Ravanasamudram Sundaram Neelakandan	Granted	22.12.2023
33.	202041006701	Maxillary Surgical Retractor	Dr. Thomas Zachariah	Granted	05.01.2024

34.	201941037967	A System for Fabricating a Real 3D Standardized Dual Template (Dual Template for Guided Contracted Access and Endodontic Microsurgery in Anterior Teeth Using 3D Printing Technology)	1. Dr. Sathish Sundar 2. Dr. Velmurugan N 3. Dr. Praveen R 4. Dr Selvakarthikeyan U	Granted	16.12.2021
35.	201941048656	Integrated Cleaning And Sterilizing System	Dr Sivasankari S	Granted	24.02.2022
36.	201941048657	Wearable Apparatus for Prevention of Snoring And Bruxism	Dr. Muthu Babu K	Granted	25.02.2022
37.	201941047984	Earwax Cleaning Device	Dr. Anbarasu	Granted	28.02.2022
38.	202041006702	Condylar-Seating Device for Mandibular Sagittal-Split Ramus Osteotomy	Dr. Manikandhan R	Granted	01.03.2022
39.	201941047967	Oral Hygiene Device	Dr. Krithika Datta	Granted	13.04.2022
40.	201941047982	Wearable Sterilizing Apparatus	1. Dr Nithya P 2. Dr Jaikumar S	Granted	19.04.2022
41.	201941048660	Wearable Cardiac Pacing Device	1. Dr. Mohanraj P 2. Dr. Srinivasa Galu	Granted	25.04.2022
42.	201941048650	Bed Sores Preventing System	1. Dr. Punitha 2. Dr. Neelambikai	Granted	02.05.2022

43.	201941047985	Posture Monitoring System	1. Dr. Saravanan P S 2. Dr. Ganesan M	Granted	09.05.2022
44.	201941047971	Mobility Aid Device	Dr. Maheswari Dr. Gnanavel A	Granted	03.08.2023
45.	201941047968	Anti-Infective Infusion Device	Dr Govardhanan K Dr. Rajamuthiah	Published	30.10.2020
46.	201941047969	Cochlear Implant Device	Dr. Muthu Babu K	Published	30.10.2020
47.	201941047970	Device for Determining Hematological Parameters	Dr. Rajesh	Published	30.10.2020
48.	201941047972	Handheld Disease Detection Device	Dr Sankar K Dr. Rajkumar R	Published	30.10.2020
49.	201941047983	Anti-Allergic Apparatus	Dr. Muthulakshmi R Dr. Neelambikai	Published	30.10.2020

Details of Designs

S. No.	Application No.	Title of the patent/	Date of Publication / Grant
1.	314376-001	Filter for a Central Heating System	31.10.2019
2.	314622-001	Chair Stretcher	25.11.2019
3.	314626-001	Medical Apparatus Embedded with Display and Surgical Arm	02.12.2019
4.	315986-001	Rotary Pump for Blood Flow	02.12.2019
5.	315989-001	Traction Instrument	02.12.2019
6.	314627-001	Handheld Medical Instrument	16.12.2019
7.	315993-001	Holder	16.12.2019
8.	315994-001	Infusion Device	16.12.2019
9.	315996-001	X-Ray Apparatus	16.12.2019
10.	314379-001	Electric Toothbrush Handle	30.12.2019
11.	314621-001	Tongue Cleaner	30.12.2019
12.	324003-001	Dental Instrument for Tooth Cleaning	30.12.2019
13.	324004-001	Massaging Device	30.12.2019
14.	324006-001	Probe Connector for Ultrasound Devices	30.12.2019
15.	324011-001	Endodontic Adapter for Root Canal Obturation	30.12.2019
16.	324061-001	Blood Glucose Meter	30.12.2019
17.	324062-001	Mouth Cleaning Instrument for Oral Hygiene	30.12.2019
18.	324066-001	Surgical Instrument	30.12.2019
19.	324067-001	Drug Testing Apparatus	30.12.2019
20.	324068-001	Tool for Tooth Extraction	30.12.2019

21.	324069-001	Medical Instrument for Clenching and Grinding	30.12.2019
22.	314628-001	Movable Cart for Ultrasound Imaging	03.01.2020
23.	324008-001	Surgical Clip	03.01.2020
24.	324063-001	Tooth Retaining Orthodontic Plate	03.01.2020
25.	314381-001	Handheld Dental Cleaning Instrument	07.01.2020
26.	314624-001	Injector	07.01.2020
27.	324005-001	Humidifier	07.01.2020
28.	315997-001	Endoscopic Device	07.01.2020
29.	324065-001	Knee Caliper	09.01.2020
30.	315998-001	Dental Mouthpiece	27.01.2020
31.	314375-001	Transmitter	28.01.2020
32.	314623-001	Nebuliser	28.01.2020
33.	315987-001	Surgical Arm	28.01.2020
34.	315991-001	Punching Device	28.01.2020
35.	314629-001	Compressible Headband	13.02.2020
36.	315995-001	Oximeter	13.02.2020
37.	314380-001	Tooth Whitening Appliance	13.03.2020
38.	314377-001	Expansion Bolt for Dental Implant	15.06.2020