

2019 – 2020

**Details of Patents**

S. No.	Application No.	Title of the patent/	Name of the Applicant	Name of the Inventor	Date of Publication / Grant
1.	201941027467	Process of Extraction of Bioactive Compound Allantoin From CleomecViscosa L	Meenakshi Academy of Higher Education & Research	Dr. Lakshmanan G Prof. Murugesan K	02.08.2019
2.	201941027468	Evaluation of Bio-Guided Identification of Aerial Parts of Cleome Viscosa L. and its In Vitro Approach	Meenakshi Academy of Higher Education & Research	Dr. Lakshmanan G Prof. Murugesan K	02.08.2019
3.	201941037966	Mini Access Template for Guided Access During Root Canal Treatment in Posterior Teeth by using 3 D Printing	Meenakshi Academy of Higher Education & Research	Dr. Velmurugan N Dr. Sathish Sundar Dr. Krithika Datta Dr. Aswathi Varghese	27.09.2019
4.	201941048649	Device for Sensing Tactile Perception	Meenakshi Academy of Higher Education & Research	Dr. Senthamarai S Dr. Muthulakshmi K	29.11.2019
5.	201941048653	Convertible Wheel Chair	Meenakshi Academy of Higher Education & Research	Dr.Backiyaraj Dr. Thulasi Raman D	29.11.2019
6.	201941048654	Wearable Hygiene Maintaining Apparatus	Meenakshi Academy of Higher Education & Research	Dr. Mithun Kumar G H	29.11.2019

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

14.	201941048712	Dental Flossing Device	Meenakshi Academy of Higher Education & Research	Dr. Praveen R Dr. Velmurugan N	06.12.2019
15.	201941048713	Health Management System	Meenakshi Academy of Higher Education & Research	Dr. Neelambikai	06.12.2019
16.	201941048714	Tooth Extraction Device	Meenakshi Academy of Higher Education & Research	Dr. Selvakarthikeyan U	06.12.2019
17.	201941048715	Eye Care System	Meenakshi Academy of Higher Education & Research	Dr Sundararajan D	06.12.2019
18.	201941048718	Suction And Irrigation Device	Meenakshi Academy of Higher Education & Research	Dr. Vijayalakshmi R	06.12.2019
19.	201941048719	Dental Restoration Device	Meenakshi Academy of Higher Education & Research	Dr. Thomas Zachariah	06.12.2019
20.	201941048720	Device for Determining Salivary Parameters	Meenakshi Academy of Higher Education & Research	Dr. Ursula Sampson	13.12.2019

21.	201941048721	Wearable Suction Device	Meenakshi Academy of Higher Education & Research	Dr. Lakshmanan G	13.12.2019
22.	201941048722	Mental State Monitoring Device	Meenakshi Academy of Higher Education & Research	Dr Karthigai Priya M Dr Ardhanari	13.12.2019
23.	201941048723	Dental Drug Delivery Apparatus	Meenakshi Academy of Higher Education & Research	Dr. Manikandhan R	13.12.2019
24.	201941048724	Urinalysis Device	Meenakshi Academy of Higher Education & Research	Dr. Jaiganesh S	13.12.2019
25.	201941048725	Fault Tolerant Implantable System	Meenakshi Academy of Higher Education & Research	Dr Punitha	13.12.2019
26.	201941048726	Blood Gas Testing Device	Meenakshi Academy of Higher Education & Research	Dr. Eswari V Dr. Suresh	13.12.2019
27.	201941048727	Intra-Oral Massaging Device	Meenakshi Academy of Higher Education & Research	Dr. Ratna Parameswaran Dr. Shruthi Pradeep	13.12.2019

28.	201941048728	Body Fluid Testing Apparatus	Meenakshi Academy of Higher Education & Research	Parimala K	13.12.2019
29.	201941048729	Implantable Health Monitoring System	Meenakshi Academy of Higher Education & Research	Natarajan S	13.12.2019
30.	202041006698	Mandibular Third-Molar Surgical Retractor	Meenakshi Academy of Higher Education & Research	Dr. Manikandhan R	28.02.2020
31.	202041006699	Temporomandibular Joint Space Retractor	Meenakshi Academy of Higher Education & Research	Ravanasamudram Sundaram Neelakandan Dr. Rajakumar K	28.02.2020
32.	202041006700	Acrylic Dental Needle Sheathing Device	Meenakshi Academy of Higher Education & Research	Dr. Rajkumar K Ravanasamudram Sundaram Neelakandan	28.02.2020
33.	202041006701	Maxillary Surgical Retractor	Meenakshi Academy of Higher Education & Research	Dr. Thomas Zachariah	28.02.2020

### **Details of Designs**

<b>S. No.</b>	<b>Application No.</b>	<b>Title of the patent/</b>	<b>Name of the Applicant</b>	<b>Date of Publication / Grant</b>
1.	314376-001	Filter for a Central Heating System	Meenakshi Academy of Higher Education & Research	31.10.2019
2.	314622-001	Chair Stretcher	Meenakshi Academy of Higher Education & Research	25.11.2019
3.	314626-001	Medical Apparatus Embedded with Display and Surgical Arm	Meenakshi Academy of Higher Education & Research	02.12.2019
4.	315986-001	Rotary Pump for Blood Flow	Meenakshi Academy of Higher Education & Research	02.12.2019
5.	315989-001	Traction Instrument	Meenakshi Academy of Higher Education & Research	02.12.2019
6.	314627-001	Handheld Medical Instrument	Meenakshi Academy of Higher Education & Research	16.12.2019
7.	315993-001	Holder	Meenakshi Academy of Higher Education & Research	16.12.2019
8.	315994-001	Infusion Device	Meenakshi Academy of Higher Education & Research	16.12.2019
9.	315996-001	X-Ray Apparatus	Meenakshi Academy of Higher Education & Research	16.12.2019
10.	314379-001	Electric Toothbrush Handle	Meenakshi Academy of Higher Education & Research	30.12.2019
11.	314621-001	Tongue Cleaner	Meenakshi Academy of Higher Education & Research	30.12.2019
12.	324003-001	Dental Instrument for Tooth Cleaning	Meenakshi Academy of Higher Education & Research	30.12.2019

13.	324004-001	Massaging Device	Meenakshi Academy of Higher Education & Research	30.12.2019
14.	324006-001	Probe Connector for Ultrasound Devices	Meenakshi Academy of Higher Education & Research	30.12.2019
15.	324011-001	Endodontic Adapter for Root Canal Obturation	Meenakshi Academy of Higher Education & Research	30.12.2019
16.	324061-001	Blood Glucose Meter	Meenakshi Academy of Higher Education & Research	30.12.2019
17.	324062-001	Mouth Cleaning Instrument for Oral Hygiene	Meenakshi Academy of Higher Education & Research	30.12.2019
18.	324066-001	Surgical Instrument	Meenakshi Academy of Higher Education & Research	30.12.2019
19.	324067-001	Drug Testing Apparatus	Meenakshi Academy of Higher Education & Research	30.12.2019
20.	324068-001	Tool for Tooth Extraction	Meenakshi Academy of Higher Education & Research	30.12.2019
21.	324069-001	Medical Instrument for Clenching and Grinding	Meenakshi Academy of Higher Education & Research	30.12.2019
22.	314628-001	Movable Cart for Ultrasound Imaging	Meenakshi Academy of Higher Education & Research	03.01.2020
23.	324008-001	Surgical Clip	Meenakshi Academy of Higher Education & Research	03.01.2020
24.	324063-001	Tooth Retaining Orthodontic Plate	Meenakshi Academy of Higher Education & Research	03.01.2020
25.	314381-001	Handheld Dental Cleaning Instrument	Meenakshi Academy of Higher Education & Research	07.01.2020

26.	314624-001	Injector	Meenakshi Academy of Higher Education & Research	07.01.2020
27.	324005-001	Humidifier	Meenakshi Academy of Higher Education & Research	07.01.2020
28.	315997-001	Endoscopic Device	Meenakshi Academy of Higher Education & Research	07.01.2020
29.	324065-001	Knee Caliper	Meenakshi Academy of Higher Education & Research	09.01.2020
30.	315998-001	Dental Mouthpiece	Meenakshi Academy of Higher Education & Research	27.01.2020
31.	314375-001	Transmitter	Meenakshi Academy of Higher Education & Research	28.01.2020
32.	314623-001	Nebuliser	Meenakshi Academy of Higher Education & Research	28.01.2020
33.	315987-001	Surgical Arm	Meenakshi Academy of Higher Education & Research	28.01.2020
34.	315991-001	Punching Device	Meenakshi Academy of Higher Education & Research	28.01.2020
35.	314629-001	Compressible Headband	Meenakshi Academy of Higher Education & Research	13.02.2020
36.	315995-001	Oximeter	Meenakshi Academy of Higher Education & Research	13.02.2020
37.	314380-001	Tooth Whitening Appliance	Meenakshi Academy of Higher Education & Research	13.03.2020
38.	314377-001	Expansion Bolt for Dental Implant	Meenakshi Academy of Higher Education & Research	15.06.2020



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1.	L-83684/2019	A Study on Prevalence and Risk Factors of Diabetic Nephropathy in Newly Detected Type 2 Diabetic Patients	Meenakshi Academy of Higher Education & Research	Dr. Kalaivalli S	01.07.2019
2.	L-83687/2019	A Study of Clinical Profile with High Sensitivity C-Reactive Protein and Lipid Profile in Coronary Artery Disease	Meenakshi Academy of Higher Education & Research	Dr. Anbazhagan G	01.07.2019
3.	L-83688/2019	The Comet Assay A Method to Measure DNA Damage in Oral Submucous Fibrosis and Oral Leukoplaka: A Case Control Study	Meenakshi Academy of Higher Education & Research	Dr. Harsha Vardhan B G	01.07.2019
4.	L-83689/2019	Evaluation of Serum Folic Acid Level and DNA Damage in Cleft Lip and Cleft Palate Patients	Meenakshi Academy of Higher Education & Research	Dr. Saraswathi Gopal K	01.07.2019
5.	L-83700/2019	The Association Between Periodontal Status, Serum Lipid Levels and Lipoprotein Associated Phospholipase A2(Lp-Pla2) in Chronic Periodontitis Subjects and Healthy Controls: A Case Control Study	Meenakshi Academy of Higher Education & Research	Dr. Jaideep Mahendra	01.07.2019

6.	L-83692/2019	Estimation of Salivary Thiocyanate Levels in Smokers without Leukoplakia and Smokers with Leukoplakia - A Comparative Study	Meenakshi Academy of Higher Education & Research	Dr. Preethi M	01.07.2019
7.	L-83701/2019	Relationship of Angular and Linear Measurement Between Cranial Base and JWA Base in Subjects with Skeletal Class-I, Class-II And Class-III Malocclusion - A Cephalomertic Study	Meenakshi Academy of Higher Education & Research	Dr. Uma Maheshwari R	01.07.2019
8.	L-83702/2019	A Comparative Study on Bone Reeneration for Continuity Defects of Mandible Between Extra Oral Vs Intra Oral Transport Ditraction Devices	Meenakshi Academy of Higher Education & Research	Dr. Neelakandan R S	01.07.2019
9.	L-83686/2019	Dental Needs and Factors Affecting The Utilization of Dental Services Among Arts and Science College Students in Krishnagiri Taluk, Krishnagiri District, Tamilnadu - A Cross Sectional Study	Meenakshi Academy of Higher Education & Research	Dr. Preetha Elizabeth Chaly	01.07.2019
10.	L-83690/2019	Oral Health Status and Oral Health Related Quality of Life Among Employees of Grament Factories in Tirupur District, Tamilnadu - A Cross Sectional Study	Meenakshi Academy of Higher Education & Research	Dr. Nijesh J E	01.07.2019

11.	L-83680/2019	Comparison of Cytokeratin Expression among Orthokeratinized Odontogenic Cysts, Epidermoid Cysts and Odontogenic Cysts, Epidermoid Cysts and Odontogenic Keratocysts - An Immunohistochemical Study	Meenakshi Academy of Higher Education & Research	Dr. Kavitha B	01.07.2019
12.	L-84027/2019	Dissertation on A Study of Comparson of Dexmedetomidine and Midazolam In I.V Sedation for Patients Undergoing Lower Abdominal Surgeries Under Spinal Anaesthesia	Meenakshi Academy of Higher Education & Research	Dr. Shanmugam P S	15.07.2019
13.	L-84028/2019	Evaluation of The Efficacy of Platelet-Rich Fibrin with Osseous Graft in Cleft Alveolus Cases - A Ramdomized Prospective Case Control Study	Meenakshi Academy of Higher Education & Research	Dr. Manikandha R	15.07.2019
14.	L-84029/2019	The Effect of Protective Coating on Microleakage and Fluoride Release of Conventional Glass Ionomer Cement and Resin Modified Glass Ionomer Cement in Primary Molars - An Invitro Study	Meenakshi Academy of Higher Education & Research	Dr. Vishnu Rekha C	15.07.2019
15.	L-84030/2019	A Comparative Study of Buprenorphine Transdermal Patch and Oral Tramadol for Pain Control Following Removal of Mandibular Impacted Third Molars	Meenakshi Academy of Higher Education & Research	Dr. Titus K Thomas	15.07.2019

16.	L-84031/2019	Pharyngeal Airway Changes Secondary to Mandibular Advancement Surgery by Bssso. A Ct Based Volumetric Study	Meenakshi Academy of Higher Education & Research	Dr. Ananta Narayanan P	15.07.2019
17.	L-84032/2019	Effectiveness of Combination Irrigant Technique (Apical Negative Pressure and Passive Ultrasonic Irrigation) for Debris Removal in Simulated Canal Irregularities- An in Vitro Study	Meenakshi Academy of Higher Education & Research	Dr. Vel Murugan N	15.07.2019
18.	L-84033/2019	Caries Experience, Clinical Consequences of Untreated Dental Caries and Associated Factors Among School Going Children in Tiruvallur Taluk of Tiruvallur District, Tamilnadu - A Cross-Sectional Study	Meenakshi Academy of Higher Education & Research	Dr. Preetha Elizabeth Chaly	15.07.2019
19.	L-84154/2019	Impact of Health Education on Knowledge Attitude and Praticce of Menstrual Hygiene Among School Going Adolescent Girls in Rural Field Practice Area of Meenakshi Medical College, Kancheepuram	Meenakshi Academy of Higher Education & Research	Dr. Kokila Selvaraj	17.07.2019
20.	L-84155/2019	Comparative Study of Fentanyl, Morphine and Nalbuphine for Attenuating the Stress Response and Serum Cortisol Level During Laryngoscopy and Intubation	Meenakshi Academy of Higher Education & Research	Dr. Shanmugam P S	17.07.2019

21.	L-84156/2019	A Comparative Study of 0.25% Bupivacaine and 0.25% Ropivacaine in Transversus Abdominis Plane Block for Post Operative Analgesia Following Lower Segment Caesarean Section	Meenakshi Academy of Higher Education & Research	Dr. Shanmugam P S	17.07.2019
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