

Research Projects- 2014(Ongoing)

Indira Gandhi Institute of Dental Sciences

S.no	Investigator	Dept	Title	CLUSTER
1.	Dr. Lakshmi priya I yr MDS	Oral medicine	Prevalence and Molecular Characterization of Oral Microbiota in Oral Leukoplakia and Oral Squamous Cell Carcinoma (OSCC)	
2.	Dr. Santosh I yr MDS	Oral medicine	Doppler Ultrasonographic Assessment of Major Salivary Glands in patients with Type 2 Diabetes Mellitus and Correlation with Quantity of Salivary Secretion and Serum Magnesium levels – A Cross Sectional Study.	I - Life style based oral diseases
3.	Dr. Lakshman I yr MDS	Oral medicine	Characterization of Non Odontogenic Orofacial Pain among Patients Attending the Outpatient Department of a Tertiary Health care Centre at Puducherry – A Cross Sectional Study	II - Pain, anxiety and stress management
4.	Dr. Umadevi I yr MDS	Oral path	Carriage Rate of streptococcal mutans among Type-I &TYPE-II Diabetic Patients with Dental Caries and Compared with Non-diabetic Population-Cross sectional Study	I - Life style based oral diseases
5.	Dr. Beena I yr MDS	Oral Surgery	Evaluation of the Effectiveness of Transdermal Diclofenac Patch and Oral Diclofenac as Pre-emptive	II - Pain, anxiety and

			Analgesics for Surgical Removal of Bilateral Mandibular Third Molar Impactions: A Single Blind Multicentre Randomized Controlled Clinical Study	stress management
6.	Dr. Lucky 1 yr MDS	Oral Surgery	A Comparative Study between 0.5% Centbucridine and 2% Lignocaine with Adrenaline(1:200000) for Bilateral Mandibular Third Molar Impaction :A Single blind Multicentre Randomized Controlled Clinical Study.	
7.	Dr. Madhu 1 yr MDS	Oral Surgery	Drill free Screws in Fixation of Midface Fractures – A Prospective Clinical Study	
8.	Dr. Jauhar 1 yr MDS	Orthodontia	To Evaluate the Type of Light Transmittance Which Influences The Degree Of Cure Of Adhesive In Mono Crystalline, Poly Crystalline And Sapphire Brackets	
9.	Dr. Dhivya 1 yr MDS	Orthodontia	Evaluation of Colored Elastic Modules on Leaching Properties, Lumen Size and Thickness when Exposed to Dietary Media – “An In vitro, Spectrometry and hrm study”	
10.	Dr. Keerthi 1 yr MDS	Orthodontia	Comparative Evaluation of Weld and Pre weld Corrosion Characteristics Properties of Bands in Various Intra Oral Simulated Conditions – “An In vitro, X- ray Diffraction Study”	
11.	Dr. Jerin 1 yr MDS	Pedodontia	Association Between Early Childhood Caries and Age and Gender Specific Height, Weight and Mid-upper arm circumference of School Children in and around Pillaiyarkuppam, Puducherry - A Comparative Study.	I - Life style based oral diseases

12.	Dr. Nivedha I yr MDS	Pedodontia	Association of Knowledge and Attitude of Mothers and Pre-nursery /Nursery School Teachers Regarding Early Childhood Caries in Preschool Children of Puducherry – A Cross Sectional Study.	IV – personalised oral health care database
13.	Dr. Eldo I yr MDS	Pedodontia	Validity of Demirjian And Cameriere Methods For Dental Age Estimation Of Children Aged 9 – 13 Years in and around Puducherry – A Comparative Study.	
14.	Dr.Soumo I yr MDS	Prosthodontia	Evaluation of Gingival Displacement between Braided Gingival Retraction Cord and Metal Filament Reinforced Gingival Retraction Cord- A Randomized Controlled Trial	
15.	Dr. Vivek I yr MDS	Prosthodontia	Comparative Analysis of Fatigue Resistance, Fracture Strength and Fracture Patterns in Ceramic Crowns with Zirconia and Direct Metal Laser Sintered Cores – A In vitro Study	
16.	Dr. Nithin I yr MDS	Prosthodontia	A Three Dimensional Finite Element Stress Analysis of Implant And Implant Tooth Supported Crowns Fabricated with Various Restorative Materials	
17.	Dr. Maneesh I MDS	Conservative Dentistry	Comparative Evaluation of Shear Bond Strength of Composite Resin Bonded with Acetone Based Fifth Generation Bonding Agent to Dry and Wet Uncut Enamel after Various Ageing Condition	V – Dental biomaterials
18.	Dr. Sudakar I MDS	Conservative Dentistry	Evaluation of Validity and Reliability of ICDAS – II Coding of Occlusal Caries by Visual Method With and Without Magnification and Correlating with	

			Histological Sections as Validating Criterion - An In Vitro Study.	
19.	Dr. Renju I MDS	Conservative Dentistry	Evaluation of Surface Roughness and Adhesion of Streptococcus Mutans of Two Different Resin Based Pit and Fissure Sealants – An In Vitro Study	
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20.	Dr. Arun II yr MDS	Pedodontia	Evaluating the Effectiveness of Different Behaviour Management Techniques in Autistic Paediatric Dental Patients – A Short Clinical Study	
21.	Dr. Vivek II yr MDS	Pedodontia	Attitudes, Practise and Knowledge Regarding Primary Preventive Measures among General Dental Practitioners in and around Puducherry.	IV – personalised oral health care database
22.	Dr. Aravindh II yr MDS	Periodontia	Treatment of Class 1 and 2 Gingival Recession using Coronally advanced Flap With and Without Connective Tissue Graft –A Randomised Clinical Trial.	
23.	Dr. Raghu II yr MDS	Periodontia	Assessment of Intensity Values of Melanin Pigmentation in Healthy Gingiva with Image J Analysis Software.	
24.	Dr. Gayathri II yr MDS	Periodontia	Assessment of Periodontal Status with PSR and Traditional Clinical Periodontal Examination	

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