

**INDIRA GANDHI INSTITUTE OF DENTAL SCIENCES**

**POSTGRADUATE RESEARCH PROJECTS- 2013(ongoing projects)**

S.no	Investigator	Dept	Title	CLUSTER
1.	Dr. Madulika II yr MDS	Oral medicine	A Case Control Study to Detect the Extent of DNA Damage in Oral Lichen Planus using COMET ASSAY – In Vivo Study	III – cell based therapy
2.	Dr. Swetha II yr MDS	Oral medicine	Estimation of Serum Malondialdehyde and Assessment of DNA Damage in Various Clinical stages of Oral Submucous Fibrosis : An In vivo Case Control Study	III – cell based therapy
3.	Dr. Kayalvizhi II yr MDS	Oral medicine	Effect of 1 % Topical clotrimazole on Salivary Levels of Candida and on Different Stages of Oral Leukoplakia.	
4.	Dr. Aparna II yr MDS	Oral pathology	Caspase Cascade Pathways of Apoptosis in Various Mucocutaneous Lesions- Prospective Study.	III – cell based therapy
5.	Dr. Saravana kumar II yr MDS	Oral path	Extraction of Mitochondrial DNA from Process of Deciduous and Permanent dentin-In Vitro Study.	III – cell based therapy
6.	Dr. Poorni II yr MDS	Oral path	Oxidative Stress and Antioxidant Level in Potentially Malignant Lesions.	III – cell based therapy
7.	Dr. Denny II yr MDS	Oral Surgery	A Comparative Study between Titanium Miniplates and 3 Dimensional Titanium plates with Locking Screws using Bite Force Evaluation of Anterior mandibular Fractures.	
8.	Dr. Melvin II yr MDS	Oral Surgery	Spheno zygomatic Suture as the Key for Reduction of Complex Zygomatic Fractures.	

9.	Dr. Shyamala II yr MDS	Oral Surgery	Carbonated Bupivacaine with Adrenaline for Surgical Removal of Impacted Mandibular Third Molar- A Comparative Study	
10.	Dr. Prathik II yr MDS	Orthodontia	Shear Peel Bond Strength of Various Repetitive De-bonding Procedures of Metal Brackets .A Comparative In Vitro study	
11.	Dr. Rajab II yr MDS	Orthodontia	Evaluation of Kinetic Friction in Monocrystalline Ceramic, Polycrystalline Ceramic and Composite Brackets in Dry and Wet field	
12.	Dr.Rojesh II yr MDS	Orthodontia	Assessment of Enamel Characteristics using Commercially available Various Etching Solutions	
13.	Dr. Arun II yr MDS	Pedodontia	Effectiveness of Different distraction Techniques in the Management of Anxiety in Differently Abled Paediatric Dental Patients – A Comparative Clinical Study	II - Pain, anxiety and stress management
14.	Dr. Manimegalai II yr MDS	Pedodontia	Anticaries Efficacy of Tulsi (Ocimum sanctum) and Black myroblans (Terminalia chebula) Extracts as Mouth Rinses in children – A Clinical Study	IV – personalised oral health care database
15.	Dr. Vivek II yr MDS	Pedodontia	A Comparative Study of Caries Removal Efficacy between Chemomechanical versus Conventional Method among Rural Pediatric Population: An In vivo Study.	
16.	Dr. Aravindh II yr MDS	Periodontia	Comparing the Outcome of Chronic Periodontitis Patients Treated Surgically With and Without Supplementation (Calcium, Magnesium and Vitamin D)	I - Life style based oral diseases
17.	Dr. Raghu II yr MDS	Periodontia	Management of Hyperpigmented Gingiva using Laser Technique and Scalpel Blade Technique: A Comparative Study.	

18.	Dr. Gayathri II yr MDS	Periodontia	Association of Periodontal Status to Preterm Low Birth Weight Delivered Mothers.	I - Life style based oral diseases
19.	Dr. Balaji II yr MDS	Prosthodontia	Evaluation of Crestal Bone loss around Implants Placed at Subcrestal and Equicrestal Levels - A Prospective Clinical Study	
20.	Dr. Ilankumaran II yr MDS	Prosthodontia	Evaluation of Crestal Bone loss, in Short and Wide Diameter Implant and Long and Narrow Diameter Implant with Different Crown: Implant Ratio – A Randomized Controlled Trial	
21.	Dr. Viswanath II yr MDS	Prosthodontia	Evaluation of Peri-Implant Bone Level around Implants with Platform-Switched and Non-Platform Switched Abutments: A Prospective Study	
22.	Dr. Mintu II yr MDS	Conservative Dentistry	Comparative Evaluation of the Anticariogenicity of 0.12% Chlorhexidine and Micro-Wave Assisted 0.5% Extract of Stevia rebaudiana (Bertoni) Leaves when Used as a Mouth Rinse in High Caries Risk Patients- Randomised Controlled Clinical Trial.	IV – personalised oral health care database
23.	Dr. Rajeswari II yr MDS	Conservative Dentistry	One Year Clinical Evaluation of the Retention Rate and the Marginal Integrity of a New Nano Hybrid Flowable Composite Resin as Pit and Fissure Sealant: A Randomized Controlled Clinical Trial.	V – Dental biomaterials
24.	Dr. Swatha II yr MDS	Conservative Dentistry	Comparative Evaluation of the Micro Shear Bond Strength of Composite Resin to Wet and Dry Enamel using Water / Alcohol And Acetone Based Bonding Agents– An In Vitro Study.	V – Dental biomaterials
25.	Dr. Madulika II yr MDS	Oral medicine	Prevalence of Temporomandibular Disorders in Patients Attending the Dental OPD in Department of Oral Medicine and Radiology, Indira Gandhi Institute of Dental Sciences, Pondicherry – A Cross-sectional Study	

26.	Dr. Swetha II yr MDS	Oral medicine	Responsiveness of Pain Scales: A Comparison of Three Pain Intensity Measures in Patients with Orofacial Pain	II - Pain, anxiety and stress management
28.	Dr. Arun II yr MDS	Pedodontia	Evaluating the Effectiveness of Different Behaviour Management Techniques in Autistic Paediatric Dental Patients – A Short Clinical Study	
29.	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
30.	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.	
31.	Dr. Raghu II yr MDS	Periodontia	Assessment of Intensity Values of Melanin Pigmentation in Healthy Gingiva with Image J Analysis Software.	
33.	Dr. Gayathri II yr MDS	Periodontia	Assessment of Periodontal Status with PSR and Traditional Clinical Periodontal Examination	