



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



**VINAYAKA MISSION'S
SANKARACHARIYAR
DENTAL COLLEGE**

RESEARCH PROJECTS



**VINAYAKA MISSION'S
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(Deemed to be University under section 3 of the UGC Act 1956)



**VINAYAKA MISSION'S
SANKARACHARIYAR
DENTAL COLLEGE**

YEAR	DISSERTATION	SHORT STUDIES
2015	18	-
2016	18	13
2017	15	19
2018	19	45
2019	18	18
Total	88	95



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VINAYAKA MISSION'S
SANKARACHARIYAR
DENTAL COLLEGE

SHORT STUDIES



LIST OF SHORT STUDIES – PG STUDENTS

JUNE 2016 (IRC/280616/S/ -)

S.No	DEPT.	NAME	DESIG	TITLE	STATUS	No
1.	Oral Pathology	Dr. Twinky Merlin Thomas	II PG	Correlation between Basal Metabolic Index and Dental Caries – Study in out patients of our dental college.	Completed	5
2.	Oral Pathology	Dr. Twinky Merlin Thomas	II PG	Study of exfoliated cells in the buccal mucosa of smokers and non-smokers.	Completed	
3.	Oral Pathology	Dr. N. K. Archana	II PG	Cytomorphometric analysis of squames from oral premalignant and malignant lesions.	Completed	
4.	Oral Medicine	Dr. Anju Mathew	II PG	Oral mucosal cells in tobacco users – A cytomorphometric analysis.	Completed Published	6
5.	Oral Medicine	Dr. T. Kumar	II PG	Toluidine blue staining tool for biopsy site selection in oral premalignant and malignant lesions.	Completed	7
6.	Oral Medicine	Dr. S. Krithika	II PG	A study of salivary and serum lactate dehydrogenase levels in tobacco users and potentially malignant disorders.	Completed Published	8
7.	Pedodontics	Dr.Suraj	II PG	To compare the salivary Bifidbacterium level in ECC and S-ECC children.	Completed Submitted	9
8.	Pedodontics	Dr. Pooja	II PG	A comparative evaluation of salivary IgA levels in normal healthy children and children with Autism.	Completed	10
9.	Pedodontics	Dr. Pooja	II PG	Knowledge and attitude among pregnant women of low socioeconomic status in early childhood caries.	Completed Submitted	220209 1216/S/ 19
10.	Pedodontics	Dr. Mallika .S.	I PG	Correlation of ICDAS-LAA and Mutans strip test for Caries risk assessment.	Completed	12
11.	Oral Surgery	Dr. Mohammed A. S.	I PG	Comparative study of effects of different routes of administration of corticosteroids on postoperative pain and swelling.	Completed	16
12.	Oral Surgery	Dr. Sangeetha .B.	I PG	Effect of use of tablet Septilin as an immunomodulatory.	Completed Submitted	17

DECEMBER 2016 (IRC/2202091216/S/-)

S.No	DEPT.	NAME	DESIG.	TITLE	STATUS	No.
13.	Oral Surgery	Dr. C. Preetha	UG - Intern	Knowledge, attitude and practice of Antibiotics.	Complete d Published	8

MARCH 2017 (IRC/27280317/S/ -)

S.No	DEPT.	NAME	DESIG.	TITLE	STATUS	No.
14.	Oral Pathology	Dr. N. MeenaGayathry	I PG	Oral rinse based cytology and conventional exfoliative cytology – A comparative study in diabetic patients	Completed	1
15.	Oral Pathology	Dr. V. Swabna	I PG	Palatal rugae pattern – A tool in gender determination	Completed	2
16.	Oral Medicine	Dr. Anju Mathew	I PG	Relationship of maxillary molars with floor of maxillary sinus: A comparative study between panoramic radiography and cone beam computed tomography.	Completed	8
17.	Oral Medicine	Dr. T. Kumar	I PG	Relationship of mandibular third molar to the inferior alveolar canal: A	Discontin	9



				comparative study between panoramic radiography and cone beam computed tomography.	ed	
18.	Pedodontics	Dr. S. Mallika	I PG	Analysis of enamel using various acid biopsy technique and remineralization using MI varnish – An SEM study	Completed	12
19.	Pedodontics	Dr. R. Pradeep Daniel	I PG	Evaluation of the effect of music therapy on children with Autism Spectrum Disorder (ASD) and Attention Deficit Hyperactivity Disorder (ADHD)	Completed	13
20.	Periodontics	Dr. Gayathri	I PG	A clinical study on Morphological variations of frenum in the diverse population.	Ongoing	19
21.	Periodontics	Dr. Sajini	I PG	Assessment of periodontal status in patients with dental fluorosis.	Completed	20

JULY 2017 (IRC/040717/F/ -)

S.No	DEPT	NAME	DESG.	STUDY	STATUS	No.
22.	Oral Medicine	Dr. M.R. Geetha Kannan	II PG	A study to assess the awareness of tobacco usage ill effects among adults and adolescents in Salem.	Completed	8
23.	Oral Medicine	Dr. A. ArunPrasath	II PG	Knowledge and attitude of dental practitioners on digital imaging – a questionnaire study	Completed	9
24.	Oral Medicine	Dr. S.R. PremAnandh	II PG	Quantitative relationship of Candida Albicans in saliva between completely edentulous wearers and non-wearers.	Completed	10
25.	Periodontics	Dr. Pavithra A.	UG – Intern	Relationship between leukocyte count and severity of periodontal disease in obese patients	Completed	11

28, 30 November 2017

2 January 2018 (IRC/28301117/S/ -)

S.No	DEPT.	NAME	DESG.	STUDY	STATUS	No.
26.	Oral Pathology	Dr. Vigneshwari Dr. N. Venkatesh	Intern	Tooth Print – An Aid in Forensic Odontology	Ongoing	1
27.	Public Health Dentistry	Dr. Sruthy .K.	Intern	Reasons for extraction of permanent teeth in a dental college in Salem city – A retrospective study	Completed	20
28.	Oral Surgery	Dr. Sangeetha .B.	II PG	The Quality of Life of Patients with Dentofacial Deformities and their Motivation towards the treatment with Orthognathic Surgery.	Ongoing	6
29.	Oral Surgery	Dr. K.C. Keerthana Sri	I PG	Perception of Head and neck scars.	Ongoing	10
30.	Oral Surgery	Dr. Prasanth .S.	I PG	Comparison of Efficiency of Arm Force Wrist Movement during Closed Method tooth Extraction.	Completed	11
31.	Pedodontics	Dr. Anil Lazar	I PG	Making of probability chart for mixed dentition analysis in Salem population.	Completed	9
32.	Pedodontics	Dr. Devi Praja	I PG	Clinical and radiographic evaluation of PRF and LPDP as pulpotomy agents in primary molars – a randomized control trial.	Completed	

LIST OF SHORT STUDIES – PG STUDENTS (MARCH - 16.03.2018 (IRC/160318/S/ -)

S.No	DEPT.	NAME	DESG.	STUDY	STATUS	No.
33.	Endodontics	Dr. GautamRanjit	I PG	An vitro comparable SEM study of apple vinegar, palm vinegar, pomegranate vinegar and grape vinegar on smear layer removal of root canals.	Completed	3
34.	Endodontics	Dr. Pauline Susan Palose	I PG	An in vitro study on the antibacterial effect of Pachymic acid on E. Faecalis and C. Albicans when added to resin based root canal sealants	Completed	4
35.	Endodontics	Dr. ArunVijayan	I PG	An in vitro comparative study on the bond strength of root dentin after	Completed	5



				treatment with two different collagen cross linking agents.		
36.	Oral Pathology	Dr. N. K. Archana	III PG	Age estimation – Correlating with the regressive changes of the teeth.	Ongoing	6
37.	Oral Pathology	Dr. Suryagopan .P.	I PG	Comparison of lip print and finger print in sex determination of Salem population.	Ongoing	1
38.	Periodontics	Dr. Balaji .B.	II PG	Comparison of efficacy of two commercially available dentrifices on dentinal hypersensitivity.	Ongoing	9
39.	Periodontics	Dr. I. Nithya	I PG	Knowledge and awareness among people about periodontal diseases and its treatment.	Ongoing	2
40.	Periodontics	Dr. A. Anitha	I PG	Comparative evaluation on awareness, knowledge and attitude of patients in rural and urban areas towards dental implants – a pilot study.	Ongoing	7
41.	Pedodontics	Dr. S. Mallika	II PG	Effect of tell – play – do on 5-7 years children.	Ongoing	11

JULY – 05.07.2018 (IRC/050718/S/ -)

S.No	DEPT.	NAME	DESG.	STUDY	STATUS	NO.
42.	Oral Surgery	Dr. Saurabh Mallick	I PG	Evaluation of post extraction sequelae with and without antibiotics.	Ongoing	2
43.	Oral Surgery	Dr. AnithaBiswalo	I PG	Evaluation of post extraction bleeding in Anemic patients.	Ongoing	6
44.	Oral Medicine	Dr. M.P. Amirthaleka	II PG	Prevalence of systemic conditions in dental patients.	Ongoing	3
45.	Oral Medicine	Dr. A. Rizwana	I PG	Digital panoramic radiographs – Detection of soft tissue calcification – A retrospective study.	Ongoing	4
46.	Pedodontics	Dr. Stacey Thomas	I PG	Evaluation of ultrastructural changes under scanning electron microscopy after silver diamine fluoride application in primary teeth with active carious lesion – An in vitro study.	Completed	5
47.	Pedodontics	Dr. R. Pradeep Daniel Gainneos	III PG	Prevalence of Crossbite among 7-10 year old children in Salem Suburbs – a cross sectional study.	Completed	7

SEPTEMBER 25.09.18 (IRC/250918/S/93 – 122)

S.No	DEPT.	NAME	DESG.	TITLE OF STUDY	STATUS	No.
48.	CONSERVATIVE DENTISTRY & ENDODONTICS	DR. G. VINAY KUMAR CHOWDARY	PG STUDENT	AN INVITRO COMPARATIVE STUDY TO EVALUATE THE ADIPOGENECITY OF DENTAL PULPAL AND PERIODONTAL LIGAMENT STEM CELLS USING OIL RED O STAIN.	Ongoing	93.
49.	CONSERVATIVE DENTISTRY & ENDODONTICS	DR. R. JEYA VARSHINI	PG STUDENT	AN IN VITRO COMPARATIVE STUDY ON THE ANTIMICROBIAL EFFECT OF TWO DIFFERENT PEPTIDES OF <i>CAPSICUM CHINENSE JACQUIN</i> ON <i>ACTINOMYCES ISRAELI</i> AND <i>BACTEROIDES FRAGILIS</i>	Ongoing	94.
50.	CONSERVATIVE DENTISTRY & ENDODONTICS	DR. A. C. RAJA NANTHINI	PG STUDENT	EVALUATION OF EXTRINSIC DISCOLORATION OF NEW ALKASITE RESIN WITH THE MICROHYBRID COMPOSITE USING NATURAL BEVERAGES	Ongoing	95.
51.	CONSERVATIVE DENTISTRY & ENDODONTICS	DR. GOVIND SL	PG STUDENT	ANTIMICROBIAL EFFICACY OF CASSIA FISTULA LEAF AND BARK EXTRACTS ON TWO DIFFERENT ENDODONTIC MICROBES – AN INVITRO COMPARATIVE STUDY	Ongoing	96.
52.	CONSERVATIVE DENTISTRY & ENDODONTICS	DR. SONU CLARENCE	PG STUDENT	THE EFFECT OF RED WINE AND WHITE WINE ON MICROHARDNESS OF THREE DIFFERENT ESTHETIC RESTORATIVE MATERIALS – AN IN VITRO COMPARATIVE STUDY.	Ongoing	97.
53.	CONSERVATIVE DENTISTRY	DR. M . SUBHASHINI	PG STUDENT	AN IN VITRO STUDY ON ENDOGENOUS Ph AND TITRABLE ACIDITY OF PALM VINEGAR – GARLIC COMBINATION MOUTHWASH.	Ongoing	98.



	&ENDODONTICS					
54.	CONSERVATIVE DENTISTRY & ENDODONTICS	DR. GAUTAM RANJIT	PG STUDENT	AN IN VITRO COMPARATIVE SEM STUDY OF 0.2% CHITOSAN, APPLE CIDER VINEGAR AND 2% CHLORHEXIDINE ON THE SMEAR LAYER REMOVAL OF ROOT CANALS.	Ongoing	99.
55.	CONSERVATIVE DENTISTRY & ENDODONTICS	DR. PAULINE SUSAN PALOSE	PG STUDENT	A COMPARATIVE ASSESSMENT OF THE ANTIBACTERIAL EFFICACY OF PACHYMIC ACID ON A.ISRAELII AND E.FAECALIS WHEN ADDED TO APEXIT PLUS ROOT CANAL SEALER - AN IN VITRO STUDY.	Completed	100.
56.	CONSERVATIVE DENTISTRY & ENDODONTICS	DR.ARUN VIJAYAN	PG STUDENT	AN INVITRO COMPARATIVE STUDY ON THE BOND STRENGTH OF ROOT DENTIN AFTER TREATMENT WITH PUNICALAGIN AND LYCOPENE	Ongoing	101.
57.	PEDODONTICS	Dr. STACEY THOMAS	PG STUDENT	EFFECT OF CHEWING GUMS CONTAINING XYLITOL AND PROBIOTICS ON CARIES MICROORGANISMS BEFORE AND AFTER TREATMENT IN HIV INFECTED CHILDREN	Ongoing	102.
58.	PEDODONTICS	Dr. STACEY THOMAS	PG STUDENT	THE INFLUENCE OF AGE AND SOCIOECONOMIC STATUS ON THE RELATIONSHIP BETWEEN DENTAL FEAR/ANXIETY (DFA) AND ORAL HEALTH RELATED EMOTIONAL WELL BEING AMONG SCHOOL CHILDREN	Ongoing	103.
59.	PEDODONTICS	Dr. GARGI MOHANTY	PG STUDENT	ESTIMATION OF CORRELATION BETWEEN CHRONOLOGICAL AGE, SKELETAL AGE AND DENTAL AGE IN MIXED DENTITION POPULATION OF SALEM - A CROSS SECTIONAL STUDY	Ongoing	104.
60.	PEDODONTICS	Dr. GARGI MOHANTY	PG STUDENT	COMPARISON OF DENTAL ANXIETY LEVELS AMONG 8 TO 13 YEAR OLD CHILDREN BASED ON THEIR DENTAL VISISTS	Ongoing	105.
61.	PEDODONTICS	Dr. POOJA RAJAN	PG STUDENT	A COMPARATIVE EVALUATION OF SALIVARY LGA LEVELS IN HEALTHY CHILDREN AND CHILDREN WITH AUTISM - A CROSS SECTIONAL STUDY	Ongoing	106.
62.	PEDODONTICS	Dr. POOJA RAJAN	PG STUDENT	MAGIC OF COLOURS IN PEDIATRIC DENTAL PRACTICE	Ongoing	107.
63.	PEDODONTICS	Dr. MALLIKA	PG STUDENT	ELEMENTAL ANALYSIS OF VARIES ACIDS USED IN ACID BIOPSY TECHNIQUE USING ENERGY DISPERSIVE X RAY	Ongoing	108.
64.	PEDODONTICS	Dr. MALLIKA	PG STUDENT	ANTIMICROBIAL EFFICACY OF MOUTH RINSES PREPARED FROM NEEM,SEEDS OF POMOGRNANT AND GRAPE AND INVITRO STUDY	Ongoing	109.
65.	PEDODONTICS	Dr. PRADEEP DANIEL	PG STUDENT	EFFECT OF MUSIC THERAPY ON CHILDREN WITH SPECIAL HEALTH CARE NEEDS RECEIVING DENTAL TREATMENT	Ongoing	110.
66.	PEDODONTICS	Dr. PRADEEP DANIEL	PG STUDENT	COMPARITIVE EVALUATION OF TOTAL ANTIOXIDANT CAPACITY IN UNSTIMULATED SALIVA OF HIV POSITIVE CHILDREN WITH AND WITHOUT HAART	Ongoing	111.
67.	PEDODONTICS	Dr. ANIL LAZAR	PG STUDENT	SEX DIFFRENCES IN DENTAL PAIN PERCEPTION AMONGST CHILDREN OF SALEM POPULATION	Ongoing	112.
68.	PEDODONTICS	Dr. ANIL LAZAR	PG STUDENT	ASSOCIATION BETWEEN BODY MASS INDEX AND CARIES EXPERIENCE IN CHILDREN OF SALEM POPULATION	Completed	113.
69.	PEDODONTICS	Dr. DEVIPRAJA	PG STUDENT	THE ANTIMICROBIAL EFFICACY OF SILVER ZEOLITE IMPREGNATION INTO ENDODONTIC OBTURATING MATERIAL AGAINST BACTERIAL FRAGALIS	Ongoing	114.
70.	PEDODONTICS	Dr. DEVIPRAJA	PG STUDENT	CORRELATION OF ICDAS-LAA ANDD GC SALIVA CHECK BUFFER IN CARIES RISK ASSESMENT FOR SCHOOL CHILDREN	Completed	115.
71.	PROSTHODONTIC S	Dr. G.R.PRAVEEN RAJ	PG STUDENT	COMPARISON OF MARGINAL ACCURACY OF DIRECT METAL LASER SINTERED CO-CR COPING AND CONVENTIONAL CASTING COPING ON THREE UNIT FIXED PARTIAL DENTURE ABUTMENTS-AN IN VIVO STUDY	Ongoing	116.
72.	PROSTHODONTIC S	Dr. G.R.PRAVEEN RAJ	PG STUDENT	IMPACT OF TAMIL SPEECH SOUNDS USING PALATOGRAM IN COMPLETE DENTURE PATIENTS -AN IN VIVO STUDY	Ongoing	117.



73.	PROSTHODONTICS	Dr. K.VIGNESH KUMAR	PG STUDENT	COMPARISON OF RETENTION OF MAXILLARY DENTURES WITH TWO DIFFERENT TECHNIQUES IN MODERATE TO SEVERELY RESORBED RIDGES- AN INVIVO STUDY	Ongoing	118.
74.	PROSTHODONTICS	Dr. R.LAKSHMI PRIYA	PG STUDENT	COMPARISON OF WEAR RESISTANCE OF TWO COMMERCIALY AVAILABLE ACRYLIC DENTURE TEETH -AN VITRO STUDENT.	Ongoing	119.
75.	PROSTHODONTICS	Dr. JANANI	PG STUDENT	COMPRATIVE EVALUATION OF THE CLINICAL EFFICIENCY OF DIFFERENT GINGIVAL RETRACTION PASTE SYSTEMS AN IN VIVO STUDY	Ongoing	120.
76.	PROSTHODONTICS	Dr. B.RUBASHREE	PG STUDENT	COLOUR CHANGES IN ALL CERAMIC RESTORATION ON REPEATED FIRING AN IN VITRO STUDY	Ongoing	121.
77.	PROSTHODONTICS	Dr. C.SUBASHINI	PG STUDENT	EVALUATION OF SHEAR BOND STRENGTH OF CERAMIC TO COBALT CHROMIUM ALLOYS AN INVITRO STUDY	Ongoing	122.

**SHORT STUDEIS
JULY 18.07.19 (IRC/180719/S/)**

S.NO	DEPT.	NAME	DESG.	STUDY	STATUS	No.
78.	ORAL PATHOLOGY	DR. L. VISHALINI	PG STUDENT	SALIVARY PH LEVEL ANALYSIS BY USING SALIVARY PH STRIPS AND PH METER IN NORMAL, LEUKOPLAKIA AND ORAL SQUAMOUS CELL CARCINOMA PATIENTS - A COMPARATIVE STUDY.	Ongoing	4
79.	ORAL PATHOLOGY	DR. K. SANJITH	PG STUDENT	CYTOMORPHOMETRIC ANALYSIS OF EXFOLIATIVE CYTOLOGY IN BUCCAL MUCOSA OF SMOKERS AND NON SMOKERS IN DIABETIC PATIENTS.	Ongoing	5
80.	ORAL PATHOLOGY	DR. A. RATHIPRIYA	PG STUDENT	FLUORIDE CONTENT OF BOTTLED DRINKING WATER IN SALEM AND ERODE DISTRICTS.	Ongoing	6
81.	ORAL PATHOLOGY	DR. MOSES OBED. B	PG STUDENT	AGE ESTIMATION BY STEREOMICROSCOPIC STUDY ON UNSECTIONED EXTRACTED ATTRITED TEETH.	Ongoing	7
82.	PERIODONTICS	DR. S. VAISHNAVI	PG STUDENT	COMPARATIVE EVALUATION OF EFFICACY OF HERBAL AND CHLORHEXIDINE MOUTHWASH ON GINGIVITIS -A RANDOMISED CLINICAL TRIAL.	Ongoing	8
83.	PERIODONTICS	DR. ANN THERESA TOMY	PG STUDENT	DETERMINATION OF PERIODONTITIS AS A RISK FACTOR FOR AGE RELATED MACULAR DEGENERATION- A CASE CONTROL STUDY.	Ongoing	9
84.	PEDODONTICS	DR. SIVAPRIYA VETRIVEL	PG STUDENT	ASSESSMENT OF DENTAL ANXIETY AND BEHAVIOR OF CHILDREN DURING PULPECTOMY PROCEDURE USING MANUAL AND ROTARY FILES - A COMPARATIVE	Ongoing	10
85.	PERIODONTICS	DR. T VENKATESH	PG STUDENT	COMPARATIVE EVALUATION OF SALIVARY PH IN HEALTHY PATIENTS, GINGIVITIS AND CHRONIC PERIODONTITIS -A CROSS	Ongoing	11
86.	ORAL MEDICINE	DR. A. KARTHIK	PG STUDENT	PREVALENCE OF SELECTED DEVELOPMENTAL ANOMALIES OF TOOTH AMONG SALEM POPULATION USING PANORAMIC RADIOGRAPH - A RETROSPECTIVE	Ongoing	12
87.	ORAL MEDICINE	DR.S.NIVEDHA	PG STUDENT	TONGUE REPLICA FOR PERSONAL IDENTIFICATION: A DIGITAL PHOTOGRAPHIC STUDY IN SALEM POPULATION.	Ongoing	13
88.	ORAL MEDICINE	DR.REETHIKA RATHAN.R.T	PG STUDENT	EVALUATION OF BLOOD GLUCOSE LEVEL USING GINGIVAL CREVICULAR BLOOD IN DIABETIC AND NON-DIABETIC PATIENTS.	Ongoing	14



89.	ORAL SURGERY	DR. DIKSHITA KAKATI	PG STUDENT	MORPHOMETRIC ANALYSIS OF DRY HUMAN MANDIBLES AND ITS UTILIZATION FOR THE EVALUATION OF INFERIOR ALVEOLAR NERVE DURING MANDIBULAR	Ongoing	15
90.	ORAL SURGERY	DR. SRINATH.K	PG STUDENT	COMPARATIVE STUDY OF THE EXPRESSION OF WNT1 AND PTCH IN NORMAL AND PATIENTS WITH ODONTOGENIC CYSTS AND TUMOURS OF THE JAWS.	Ongoing	16
91.	ORTHODONTICS	DR NIVEDITHA	PG STUDENT	COMPARING THE EFFECT OF GINGIVAL CREVICULAR FLUID AND BLOOD ON BOND STRENGTH OF BRACKET USING MOISTURE INSENSITIVE PRIMER: AN EX-	Ongoing	17
92.	ORTHODONTICS	DR. A. ASHOKRAJ	PG STUDENT	COMPARISON BETWEEN BOLTONS ANALYSIS AND PECK & PECK ANALYSIS ON THE EFFECT OF OVERJET IN ORTHODONTIC PATIENTS.	Ongoing	18
93	PEDODONTICS	DR. STACEY THOMAS	PG STUDENT	COMPARISON OF PAIN PERCEPTION BETWEEN ANAESTHETIC GEL APPLICATION AND PRE-COOLING OF THE INJECTION SITE DURING NASOPALATINE BLOCK	Ongoing	21

SEPTEMBER 24.09.19, 27.09.19 (IRC/24270919/S/)

S.No.	DEPT.	NAME	DESG.	STUDY	STATUS	No.
94.	CONSERVATIVE AND ENDODONTICS	DR. C.T.MADHUMIDHA	I PG	AN EX VIVO SEM STUDY EVALUATING FIBRIN DENSITY WHEN CHITOSAN, PAPAINE AND 17%EDTA-NORMAL SALINE COMBINATION ARE USED AS IRRIGANTS IN TEETH WITH OPEN APICES.	Ongoing	6
95.	PERIODONTICS	DR. MADHUSHREE V	III PG	AWARENESS AND KNOWLEDGE OF LASERS IN DENTISTRY AMONG DENTISTS IN SALEM - A SURVEY.	Ongoing	8



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DENTAL COLLEGE

DISSERTATIONS



DISSERTATIONS – POST GRADUATE STUDENTS

2015 – 18 (IRC/0812221215/T/

S.No	DEPT.	NAME	DESIG.	TITLE	STATUS	No.
1.	Oral Medicine	Dr. Anju Mathew	PG	Accuracy in determining anterior loop of inferior alveolar nerve comparative study between CBCT and Panoramic radiography.	Completed	7
2.	Oral Medicine	Dr. S. Krithika	PG	Evaluation of DNA damage in peripheral blood leukocytes in oral cancer patients and tobacco chewers by COMET assay.	Completed	8
3.	Oral Medicine	Dr. T. Kumar	PG	Comparison of CD4 cell count and Candidial count in HIV patients.	Completed	9
4.	Oral Surgery	Dr. Syed Shajeth	PG	Evaluation of osseointegration of implants in Knife edge ridge after ridge splitting.	Completed	15
5.	Oral Surgery	Dr. Vijay Thiagarajan	PG	Efficacy of USG in detecting facial bone fractures in maxillofacial trauma.	Completed	272803 117/T/ 14
6.	Periodontics	Dr. C. Prabu	PG	A comparative evaluation of pain using electrosurgery and diode laser in the management of gingival hyperpigmentation.	Completed	12
7.	Periodontics	Dr. Sajini Raj. C.	PG	Evaluation of reduction in HbA1c levels following non-surgical periodontal therapy in Type 2 Diabetic patients with chronic generalized periodontitis.	Completed	280616 /T/4
8.	Endodontics	Dr. Amitha .M. Raj	PG	An in-vitro comparative evaluation of compressive strength of three different calcium – enriched perforation repair materials.	Completed	13
9.	Endodontics	Dr. Jitha .J.	PG	Effect of sterilization on cyclic fatigue resistance of two different nickel titanium rotary retreatment files – an in-vitro comparative study.	Completed	14
10.	Endodontics	Dr. Sanoop .P.V.	PG	An in-vitro antimicrobial study of two different phytotherapeuticirrigants on enterococcus faecalis and candida albicans using real time qPCR.	Completed	15
11.	Orthodontics	Dr. Manomozhi	PG	Upper and lower pharyngeal airway width in subjects with different growth patterns.	Completed	16
12.	Orthodontics	Dr. R. Kaviradha	PG	Comparison of the condyle – fossa relationship in TMJ between class 2 division 1 and division 2 malocclusion with CBCT.	Completed	17
13.	Pedodontics	Dr. Suraj	PG	Evaluation of maximum occlusal bite force in children.	Completed	18
14.	Pedodontics	Dr. Pooja	PG	Comparative evaluation of remineralization potential of Whey extract in varnish and xylitol mouthwash using confocal laser microscopy.	Ongoing	19
15.	Prosthodontics	Dr. Paul Joseph	I PG	Comparison of stability and crestal bone loss among implants placed using two different commercially available implant system – an in-vivo study.	Completed	20
16.	Prosthodontics	Dr. Vignesh .V.	I PG	Comparison of Retention of denture from different final impression techniques for management of moderately to severely resorbed mandibular ridge: an in-vivo study.	Completed	21
17.	Oral Pathology	Dr. Twinky Merlin Thomas	PG	Comparative immunoexpression of matrix metalloproteinase-2 and matrix metalloproteinase-9 in the metastatic and non metastatic oral squamous cell carcinomas	Completed	22



18.	Oral Pathology	Dr. Archana N.K.	PG	Comparative evaluation of calretinin in Keratocystic odontogenic tumor, Dentigerous cyst and Ameloblastoma – an Immunohistochemical study.	Ongoing	23
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2016 -19 (IRC/2202091216/T/ -)

S.No	DEPT.	NAME	DESIG.	TITLE	STATUS	No.
19.	Oral Medicine	Dr. ArunPrasath	PG	A study of oral manifestations of type II diabetes mellitus and comparison of blood and salivary glucose levels	Ongoing	9
20.	Oral medicine	Dr. M.R. Geetha Kannan	PG	Determination of age and sex by radiographic analysis of mental foramen using digital panoramic radiography in Salem.	Ongoing	16
21.	Oral Medicine	Dr. PremAnandh	PG	Comparative study of salivary and serum immunoglobulin (IgA) levels in tobacco smokers and oral leukoplakia patients.	Ongoing	15
22.	Oral Surgery	Dr. Mohammed A.S.	PG	Potential role of CENPf as the diagnostic and prognostic marker for potentially malignant disorders and oral squamous cell carcinoma.	Ongoing	11
23.	Oral Surgery	Dr. B. Sangeetha	PG	Comparison of effects of hypotensive anesthesia with normotensive anesthesia in orthognathic surgeries.	Ongoing	10
24.	Periodontics	Dr. C. Gayathri	PG	Evaluating the levels of Alkaline Phosphatase in saliva of premenopausal and postmenopausal women with chronic periodontitis.	Ongoing	7
25.	Periodontics	Dr. B. Balaji	PG	Evaluating the biological width of gingiva usig surgical crown lengthening.	Ongoing	6
26.	Endodontics	Dr. Govind S.L	PG	Antimicrobial efficacy of saliva Rebaudiana on three different cariogenic microbes.	Ongoing	3
27.	Endodontics	Dr. Sonu Clarence	PG	The effect of four types of cameliasinesis on color stability and surface microhardness of resin based composite restoration.	Ongoing	4
28.	Endodontics	Dr. M. Subhashini	PG	Comparing surface roughness and flexure strength of fibre glass post using three different etchant on different etching time.	Ongoing	5
29.	Orthodontics	Dr. VigneshBalaji	PG	Relationship between dental calcification stages and skeletal maturity indicators in Salem individuals	Ongoing	0407 17/T /5
30.	Orthodontics	Dr. AsmaZareen	PG	Dental arch form analysis of maxilla in various malocclusion amongst Salem population.	Ongoing	0407 17/T /6
31.	Pedodontics	Dr. S. Mallika	PG	Estimation of trace elements viz copper, lead, cadmium and selenium by acid biopsy technique by ICP-OES- An in vivo study.	Ongoing	17
32.	Pedodontics	Dr. S. Pradeep Daniel	PG	Comparative evaluation of salivary levels of IgA in HIV –affected children in the age group of 9-12 years- An in vivo study.	Ongoing	18
33.	Prosthodontics	Dr. Lakshmi Priya	PG	Comparison of masticatory efficiency and patient satisfaction of conventional complete denture with single implant supported mandibular overdentures.	Ongoing	13
34.	Prosthodontics	Dr. Subhashini	PG	To evaluate and compare dimensional accuracy and surface detail reproduction of three different die materials.	Ongoing	14
35.	Oral Pathology	Dr. Meena Gayathri	PG	Comparative evaluation of ki67 in keratocystic odontogenic tumor, dentigerous cyst & solid ameloblastomas – An immunohistochemical study.	Ongoing	2
36.	Oral pathology	Dr. V. Swabna	PG	Comparative evaluation of CD 44 expression in dysplastic epithelium, verrucous carcinoma & oral squamous cell carcinoma.	Ongoing	1

2017 – 20 (IRC/27301117/T/ -)

S.No	DEPT.	NAME	DESG.	STUDY	STATUS	No.
37.	Oral Medicine	Dr. M.P. Amirthaleka	I PG	Role of Panoramic and Cone Beam Computed Tomography in Diagnosis of Cysts and Tumors of Jaws.	Ongoing	13
38.	Oral Medicine	Dr. A. Rizwana	I PG	A study of mutation of p53 gene in saliva of oral cancer patients and tobacco	Ongoing	19



				chewers.		
39.	Pedodontics	Dr. V. Devipraja	I PG	Comparison of Antimicrobial efficacy of Aloe vera, Neem and Turmeric on Streptococcus pyogenes, Streptococcus oralis and Staphylococcus aureus using Agar Well Diffusion method.	Ongoing	8
40.	Pedodontics	Dr. Anil Lazar Muttaih	I PG	An Invitro Comparative Evaluation of Apically Extruded Dentinal Debris using Conventional K-Files with that of Multi File Rotary Systems.	Ongoing	9
41.	Oral Pathology	Dr. Suryagopan .P.	I PG	Comparative Immunoexpression of OCT4 in Well Differentiated, Moderately Differentiated, Poorly Differentiated Oral Squamous Cell Carcinomas.	Ongoing	3
42.	Conservative Dentistry	Dr. ArunVijayan	I PG	An invitro Comparative study on the Bond Strength of Root Dentin using two different redox agents after treatment with Sodium Hypochlorite.	Ongoing	14
43.	Conservative Dentistry	Dr. GautamRanjit	I PG	An invitro comparative study on effect of Apple Vinegar, Garlic Extract and their custom preparation on the E. Faecalis and Candida albicans as a root canal irrigant.	Ongoing	15
44.	Conservative Dentistry	Dr. Pauline Susan Palose	I PG	An in vitro comparative study evaluating the push out bond strength of three different root canal sealers with and without the addition of Pachymic acid.	Ongoing	16
45.	Periodontics	Dr. I. Nithya	I PG	Comparing the efficacy of local drug delivery systems using Hyaluronan and Perichip as an adjunct to scaling and root planning in chronic periodontics.	Ongoing	17
46.	Periodontics	Dr. A. Anitha	I PG	Clinical and radiographic evaluation of bone grafts with or without platelet-rich fibrin in treatment of intra bony defects.	Ongoing	18

Same above – 2017 (IRC/27301117/T/ -)

S.No	DEPT.	NAME	DESG.	TITLE	STATUS	No.
47.	Oral Surgery	Dr. Keerthana	I PG	Quantitative evaluation of CK19 in Squamous Cell Carcinoma patients before biopsy, before surgery and three months after surgery.	Ongoing	27
48.	Oral Surgery	Dr. Prasanth	I PG	Comparison of shoulder morbidity in Oral Squamous Cell Carcinoma patients treated with neck dissection only and neck dissection with PMMC flap reconstruction.	Ongoing	26
49.	Prosthodontics	Dr. Janani	I PG	Evaluation of clinical radiological outcomes in anterior maxilla with grafted immediated delayed implants – an in vivo study	Ongoing	24
50.	Prosthodontics	Dr. Rubashree	I PG	Evaluation of crestal bone loss in prefabricated and castable abutments – an in vivo study.	Ongoing	25
51.	Orthodontics	Dr. Shanmugasundaram	I PG	Evaluation of microbial adhesion on the critical surface of different brackets – an in vitro study.	Ongoing	23

2018 – 21
IRC/03040119/T/

S.No.	DEPT.	NAME	DESG.	STUDY	STATUS	SIGN
52.	PERIODONTICS	DR. MADHUSHRIEE V	I PG	ANALYSIS OF WOUND HEALING WITH LOW LEVEL LASER AS AN ADJUNCT TO GINGIVECTOMY: A RANDOMIZED CLINICAL SPLIT MOUTH STUDY.	Ongoing	1.
53.	PERIODONTICS	DR.T.VENKATESH	I PG	LASER THERAPY AS AN ADJUNCT TO NON-SURGICAL PERIODONTAL TREATMENT: A RANDOMIZED CLINICAL STUDY.	Ongoing	2.
54.	ORAL SURGERY	DR. SAURABH MALLICK	I PG	EFFICACY OF CONVENTIONAL AND PIEZOELECTRIC SURGICAL TOOLS FOR MAXILLARY SINUS FLOOR ELEVATION: A COMPARATIVE STUDY.	Ongoing	3.
55.	ORAL SURGERY	DR. ANITA BISWALO	I PG	STUDY OF ROLE OF 3D PROTOTYPE MODELS ON FACIAL SYMMETERY DURING MAXILLOFACIAL RECONSTRUCTION.	Ongoing	4.



56.	PROSTHODONTICS	DR. G. R. PRAVEEN RAJ	I PG	IMPACT OF FUNCTIONAL OUTCOME IN COMPLETE DENTURES INCORPORATING BALANCED AND LINGUALISED OCCLUSAL SCHEME - IN VIVO STUDY.	Ongoing	5.
57.	PEDODONTICS	DR. STACEY THOMAS	I PG	ASSESSMENT OF MAXILLA AFTER RAPID MAXILLARY EXPANSION IN MIXED DENTITION PERIOD WITH MAXILLARY ANTERIOR CROWDING IN THE ABSENCE OF POSTERIOR CROSSBITE.	Ongoing	6.
58.	PEDODONTICS	DR. GARGI MOHANTY	I PG	IMPACT OF DENTAL CARIES AND TRAUMATIC DENTAL INJURIES ON THE PSYCHOLOGICAL ASPECTS OF THE PARENTS/CAREGIVERS IN THE ORAL HEALTH RELATED QUALITY OF LIFE AMONGST PRE-SCHOOLERS - A CROSS-SECTIONAL STUDY.	Ongoing	7.
59.	ORTHODONTICS	DR. AMY DILEEP	I PG	ESTIMATION OF RELEASE OF NICKEL ION FROM DIFFERENT BRANDS OF NICKEL TITANIUM ARCHWIRES: AN IN VITRO STUDY.	Ongoing	8.
60.	ORTHODONTICS	DR. E. ELANKALAI	II PG	COMPARATIVE EVALUATION OF BETA ANGLE WITH YEN ANGLE, W ANGLE, PI ANGLE, ANB ANGLE FOR PREDICTING SAGITTAL JAW DYSPLASIA IN SALEM POPULATION-A CEPHALOMETRIC STUDY.	Ongoing	9.
61.	ORTHODONTICS	DR. ABBY ALEX	I PG	INFLUENCE OF BUCCAL CORRIDORS IN SMILE ATTRACTIVENESS.	Ongoing	10.
62.	ORAL MEDICINE	DR. M. J. JEYAVEL	I PG	DNA LOIDY CHANGES IN TISSUE SPECIMENS AND SALIVA OF ORAL CANCER PATIENTS A COMPARITIVE STUDY BY DNA FLOW CYTOMETRY	Ongoing	11.
63.	ORAL MEDICINE	DR. ASWIN REVANTH.K.	I PG	CORRELATION OF GREY VALUES OF CONE BEAM COMPUTED TOMOGRAPHY AND HOUNSFIELD UNITS OF COMPUTED TOMOGRAPHY IN MAXILLA	Ongoing	12.
64.	ORAL MEDICINE	DR. R. SUGANYA	I PG	STUDY OF SALIVARY INTERLEUKIN LEVEL (IL-6) IN ORAL CANCER PATIENTS AND TOBACCO USERS.	Ongoing	13.
65.	PROSTHODONTICS	DR. K. VIGNESH KUMAR	I PG	ASSESSMENT OF PATIENT SATISFACTION AND RADIOGRAPHIC TERMINAL ABUTMENT BONE LOSS BETWEEN CAST METAL AND ATTACHMENT PARTIAL DENTURES IN KENNEDY'S CLASS I SITUATION.	Ongoing	14.
66.	ORAL PATHOLOGY	DR. L.VISHALINI	I PG	COMPARATIVE IMMUNOEXPRESSION OF CK13 IN EPITHELIAL DYSPLASIA, WELL DIFFERENTIATED AND MODERATELY DIFFERENTIATED ORAL SQUAMOUS CELL CARCINOMA	Ongoing	15.
67.	ORAL PATHOLOGY	DR.K.SANJITH	I PG	COMPARATIVE IMMUNOEXPREESION OF P63 IN WELL DIFFERENTIATED, MODERATELY DIFFERENTIATED, POORLY DIFFERENTIATED ORAL SQUAMOUS CELL CARCINOMAS	Ongoing	16.
68.	CONSERVATIVE DENTISTRY AND ENDODONTICS	DR. G. VINOY KUMAR	I PG	CARBOXYMETHYL CELLULOSE HYDROXYAPATITE HYBRID HYDROGEL USED TO EVALUATE OSTEOGENIC AND ODONTOGENIC DIFFRENTIATION POTENTIAL OF DENTAL PULPAL AND PERIODONTAL LIGAMENT STEM CELLS - AN INVITRO COMPARITIVE STUDY	Ongoing	17.
69.	CONSERVATIVE DENTISTRY AND ENDODONTICS	DR. R. JEYA VARSHINI	I PG	AN INVITRO COMPARATIVE STUDY ON THE ANTI MICROBIAL EFFICACY OF THREE DIFFERENT PEPTIDES OF CAPSICUM CHINENSE JACQUIN ON ENTEROCOCCUS FAECALIS AND CANDIDA ALBICANS.	Ongoing	18.
70.	CONSERVATIVE DENTISTRY AND ENDODONTICS	DR. A. C. RAJA NANTHINI	I PG	QUANTUM OF ION RELEASE BY THREE DIFFERENT PIT AND FISSURE SEALANTS USED IN INHIBITING DEMINERALISATION OF TOOTH ENAMEL-AN INVITRO FLUORESCENCE MICROSCOPIC COMPARATIVE STUDY.	Ongoing	19.



DESSERTATIONS
24.09.19, 27.09.2019 – 22 IRC/2419/T/

S.No.	DEPT.	NAME	DESG.	STUDY	STATUS	No.
71	ORAL PATHOLOGY	DR. A.RATHIPRIYA	I PG	COMPARATIVE IMMUNOEXPRESSION OF CD57 IN WELL DIFFERENTIATED, MODERATELY DIFFERENTIATED AND POORLY DIFFERENTIATED ORAL SQUAMOUS	Ongoing	1
72	ORAL PATHOLOGY	DR. MOSES OBED .B	I PG	COMPARATIVE EVALUATION OF CATHEPSIN-D IN ODONTOGENIC CYSTS AND TUMOUR - AN IMMUNOHISTOCHEMICAL STUDY.	Ongoing	2
73	CONSERVATIVE AND ENDODONTICS	DR. S.MITHUNRAJA	I PG	AN INVITRO STUDY ON THE ANTIMICROBIAL EFFICACY OF NYMPHOIDES INDICA LEAF EXTRACT ON STREPTOCOCCUS MUTANS, LACTOBACILLUS AND	Ongoing	3
74	CONSERVATIVE AND ENDODONTICS	DR. ALLEN ANIL KURIEN	I PG	EVALUATION OF QUANTUM IN TOOTH REMINERALISATION USING TWO DIFFERENT AVIAN EGG SHELL POWDER SOLUTIONS AGAINST THREE TYPES OF TOOTH	Ongoing	4
75	CONSERVATIVE AND ENDODONTICS	DR. C.T.MADHUMIDHA	I PG	AN EX VIVO COMPARATIVE STUDY EVALUATING FIBRIN DENSITY WHEN CHITOSAN AND 17%EDTA-NORMAL SALINE COMBINATION ARE USED AS IRRIGANTS IN	Ongoing	5
76	ORAL SURGERY	DR. SRINATH.K	I PG	COMPARATIVE STUDY OF THE EXPRESSION OF WNT1 AND PTCH IN PATIENTS WITH ODONTOGENIC CYSTS AND TUMOURS OF THE JAWS BEFORE AND AFTER	Ongoing	7
77	ORTHODONTICS	DR. NIVEDITHA	I PG	COMPARING THE EFFECT OF GINGIVAL CREVICULAR FLUID, BLOOD, SALIVA AND WATER ON BOND STRENGTH OF BRACKET USING MOISTURE INSENSITIVE	Ongoing	9
78	ORAL MEDICINE	DR. S. NIVEDHA	I PG	A STUDY OF VARIATIONS IN THE CONDYLE AND MEASUREMENT OF TEMPOROMANDIBULAR JOINT SPACE USING CONE BEAM COMPUTED	Ongoing	10
79	ORAL MEDICINE	DR.REETHIKA RATHAN .R .T	I PG	STUDY OF SIZE, SHAPE, AND POSITION OF GREATER PALATINE FORAMEN AND GREATER PALATINE CANAL USING CONE BEAM COMPUTED TOMOGRAPHY IN	Ongoing	11
80	ORAL MEDICINE	DR. A. KARTHIK	I PG	COMPARATIVE STUDY OF SALIVARY INTERLEUKIN 8(IL-8) IN PATIENT WITH ORAL CANCER, POTENTIALLY MALIGNANT DISORDERS AND TOBACCO USERS.	Ongoing	12
81	PROSTHODONTICS	DR. PRIYA ANN THOMAS	I PG	CLINICAL FIT OF ALL-CERAMIC THREE UNIT FIXED PARTIAL DENTURES, GENERATED WITH CAD/CAM SYSTEM USING DIFFERENT IMPRESSION MATERIAL -	Ongoing	13
82	PROSTHODONTICS	DR. SASHIKANT .V.	I PG	COMPARATIVE EVALUATION OF IMPLANT PLACEMENT ACCURACY IN POSTERIOR MANDIBULAR REGION BETWEEN CAD-CAM BASED SURGICAL GUIDE AND	Ongoing	14
83	ORAL SURGERY	DR. DIKSHITA KAKATI	I PG	A COMPARATIVE EVALUATION OF IMMEDIATE DENTAL IMPLANT WITH AUTOGENOUS DENTIN GRAFT VS AUTOGENOUS BONE GRAFT- A CLINICAL STUDY.	Ongoing	15
84	PERIODONTICS	DR. ANN THERESA TOMY	I PG	ASSESSMENT OF SERUM CERULOPLASMIN LEVELS IN GINGIVITIS AND CHRONIC PERIODONTITIS PATIENTS-A CROSS SECTIONAL STUDY.	Ongoing	16
85	PERIODONTICS	DR. S.VAISHNAVI	I PG	COMPARATIVE EVALUATION OF CLINICAL EFFICACY OF CORONALLY ADVANCED FLAP ALONE AND IN COMBINATION WITH HUMAN CHORION MEMBRANE FOR THE	Ongoing	17
86	PEDODONTICS	DR. SIVAPRIYA VETRIVEL	I PG	COMPARISON OF CLINICAL AND RADIOGRAPHIC SUCCESS RATES OF DIFFERENT PULPOTOMY AGENTS VIZ. FORMOCRESOL, BIODENTINE, NEO MTA, PLUS AND	Ongoing	18
87	PEDODONTICS	DR. REENU ELIZABETH ROY	I PG	COMPARATIVE CLINICAL EVALUATION OF THE EFFECTIVENESS OF CHEWABLE, MANUAL AND POWERED TOOTHBRUSHES IN CHILDREN- A RANDOMIZED CONTROL	Ongoing	19
88	ORTHODONTICS	DR. A. ASHOKRAJ	I PG	COMPARISON OF OVERJET AND OVERBITE ON PRE & POST TREATMENT ORTHODONTIC STUDY MODELS ON THE BASIS OF BOLTON AND PECK & PECK	Ongoing	20