



# SURENDRA DENTAL COLLEGE & RESEARCH INSTITUTE

An Enterprise of : Late Smt. Vidyawanti Labhu Ram Foundation for Science Research & Social Welfare

No SDC&RI/22/ 26798

Dated: 04-05-2023

To  
The Controller of Examination  
Rajasthan University of Health Sciences  
Jaipur

Subject: Submission of dissertation synopsis of student admitted for the session 2022-23 in MDS course.

Dear Sir,

With reference to the above-mentioned subject, we are hereby enclosing dissertation synopsis for 27 MDS students (1<sup>st</sup> year) for the session 2022-23 (2 copies each). Department wise list is as follows:

## DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

S.No.	Name of student	Name of guide	Topic
1	Dr. Atulya Verma	Dr. Neetu Jindal	To Evaluate and Compare Remineralising Potential of Casein Phosphopeptide
2	Dr. Prerna Jangir	Dr. Neetu Jindal	Comparative Evaluation of the Fracture Resistance and mode of failure of new esthetic post and core systems with different lengths of remaining gutta percha: An In vitro study.
3	Dr. Priya Jindal	Dr. Renu Aggarwal	Comparative Evaluation of Fracture Resistance and Microleakage of Endodontically Treated Teeth Associated with Invasive Cervical Resorption, Restored with Different Adhesive Materials: An In Vitro Study.

## DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

S.No.	Name of student	Name of guide	Topic
1	Dr. Narute Annaso Sarjerv	Dr. Eenal Bhambri	Comparative Evaluation Of Orthodontically Induced Root Resorption In Maxillary Anteriors Using Cone Beam Computed Tomography (CBCT) And Radiology (RVG): An Vivo Study
2	Dr. Arun Raj RG	Dr. Eenal Bhambri	Comparative evaluation of tongue pressure in patients with various skeletal malocclusions with different growth patterns using strain gauge
3	Dr. Abin Mathew Thomas	Dr. Varun Ahuja	Effect of various sterilization methods on the force characteristics of NITI closed coil springs- An In Vitro Study

## DEPARTMENT OF PAEDIATRIC AND PREVENTIVE DENTISTRY

S.No.	Name of student	Name of guide	Topic
1	Dr. Rachna Kaswan	Dr. Suruchi Juneja	An in vitro Evaluation of Surface Microhardness of Primary Teeth After Remineralization with Enamel Matrix Derivative, CPP-ACP with 5% NaF and Biomim-F
2	Dr. Thothenbi Oinam	Dr. Suruchi Juneja	Evaluation of the effect of cleaning methods and time of placement of restoration on shear
3	Dr. Mahima Singh	Dr. Sahajpreet Singh	An in vitro Assessment of effect of trimming on nickel and chromium ion release from three different commercially available crowns.

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**DEPARTMENT OF PERIODONTOLOGY AND OAL IMPLANTOLOGY**

S.No.	Name of student	Name of guide	Topic
1	Dr. Sajjan	Dr. Rajni Aggarwal	A qualitative analysis of Perception towards Oral Health among Home care, Personnel's providing health care practices to elderly patients.
2	Dr. Anmol Kaswan	Dr. Rajni Aggarwal	Awareness among patients regarding implant as a treatment option for replacement of missing teeth in Rajasthan.
3	Dr. Imran Khan Bhat	Dr. Archana Bhatia	Comparison of Different Bristles Designs of Toothbrushes in Plaque control using A common Dentifrice: A Randomized Clinical Trial.

**DEPARTMENT OF PROSTHODONTICS INCLUDING CROWN AND BRIDGE**

S.No.	Name of student	Name of guide	Topic
1	Dr. Kanika	Dr. Sandeep Kumar	Evaluation of stress pattern in Bone around platform switched and non-platform switched implants using 3- dimensional finite element analysis.
2	Dr. Jaspinder Kaur	Dr. Sandeep Kumar	Evaluation of stress pattern in various bone qualities around an Implant with angled abutment under axial and oblique loading using a 3 dimensional finite element analysis.
3	Dr. Kartik Sokhal	Dr. Rajnish Aggarwal	An In Vitro study to compare and evaluate the hardness of various commercially available provisional restorative materials.

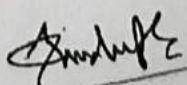
**DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY**

S.No.	Name of student	Name of guide	Topic
1.	Dr. Shweta Nehe	Dr. Manisha Solanki	A Split Mouth Randomized prospective Single blind placebo controlled clinical trial to evaluate the effect of intra mesenteric dexamethasone injection versus no injection on moderately difficult impacted third molar surgery.
2	Dr. Shakya Kumari Luxmi	Dr. Manisha Solanki	A prospective randomized split mouth clinical trial to evaluate the effect of two different flap designs during surgical extraction of moderately difficult impacted mandibular third molar.
3	Dr. Kishan Kumar	Dr. Arvind Gumber	A Prospective clinical trial to evaluate the efficacy of superficial cervical plexus nerve block for maxillofacial procedures as an alternative to General Anesthesia

**DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY AND MICROBIOLOGY**

S.No.	Name of student	Name of guide	Topic
1.	Dr. Renu	Dr. Pravin Galkwad	Comparison of Immunobiochemical Expression of Paxillin in Different Grades of Oral Carcinomas.
2	Dr. Mahima Choudhary	Dr. Pravin Galkwad	Mandibular Canine Index and Pont's Index to Establish sex Identity in Sri Ganganagar Population in Rajasthan India.
3	Dr. Richa Singla	Dr. Roopam Chaudhary	Immunohistochemical Expression of P5, EGFR and Bcl-2 in oral Carcinogenesis.

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 DIRECTOR PRINCIPAL  
 SURENDRA DENTAL COLLEGE  
 & RESEARCH INSTITUTE  
 SRI GANGANAGAR (RAJ)

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**DEPARTMENT OF ORAL MEDICINE & RADIOLOGY**

S.No.	Name of student	Name of guide	Topic
1	Dr. Sharad Sohu	Dr. Sandeep Kumar Bains	Evaluation of Haematological Parameters in Patients with oral lichen planus among Sri Ganganagar Population.
2	Dr. Rakesh Kumar Gurjar	Dr. Sandeep Kumar Bains	Evaluation of effect of Areca nut and smokeless Tobacco Chewing Habit in altering physical properties of saliva.
3	Dr. Anil Kumar Jangir	Dr. Nishant Kumar	Radiographic Assessment of Distribution of Mandibular Third Molar Impaction and its relation with inferior alveolar nerve canal among Sri Ganganagar Population.

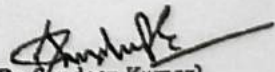
**DEPARTMENT OF PUBLIC HEALTH DENTISTRY**

S.No.	Name of student	Name of guide	Topic
1	Dr. Yogendra Gautam	Dr. C.L. Dileep	Prevalence of Traumatic Dental Injuries (TDI) to Anterior Teeth and its impact on Oral Health Related Quality of Life of 12 year old school children in Kota, Rajasthan
2	Dr. Shashi Kant Gupta	Dr. C.L. Dileep	Assessment of Impact of Temporomandibular disorder on oral health related quality of life among school children aged 12-15 years in Kota, Rajasthan
3	Dr. Navneet Kumar	Dr. Manu Batra	Assessment of Oral Health Status and Treatment needs of prisoners in central jail Patna, Bihar

Kindly acknowledge the receipt of the same.

Thanking you,

Yours truly,

  
(Dr. Sandeep Kumar)

Director Principal

**DIRECTOR PRINCIPAL**  
**SURENDRA DENTAL COLLEGE**  
**& RESEARCH INSTITUTE**  
**SRI GANGANAGAR (RAJ)**

No SDC&RI/22/

To

The Controller of Examination  
Rajasthan University of Health Sciences  
Jaipur

Dated: 09-04-2022

Subject: Submission of dissertation synopsis of student admitted for the session 2021-22 in MDS course.

Dear Sir,

With reference to the above-mentioned subject, we are hereby enclosing dissertation synopsis for 27 MDS students (1<sup>st</sup> year) for the session 2021-22 (2 copies each). Department wise list is as follows:

**DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS**

S.No.	Name of student	Name of guide	Topic
1	Dr. Amandeep Kaur Sachdeva	Dr. Neetu Jindal	."Evaluation of antimicrobial efficacy of new Endosequence Bioceramic Root Repair Material in comparison to Biodentine, MTA, and Glass Ionomer Cement against <i>Enterococcus Faecalis</i> -An in vitro study"
2	Dr. Vartika Pupneja	Dr. Neetu Jindal	."An Invitro Quantitative Assessment of Apically Extruded Debris During Retreatment Procedure and Comparison of Efficacy of New Neolix and Protaper Next Retreatment Rotary Systems in Removal of Obturating Material by Digital Morphometric Analysis."
3	Dr. Amandeep Kaur	Dr. Renu Aggarwal	."Effect Of Food Simulating Dietary Solvents On Surface Roughness & Microhardness Of Nanohybrid Composites, Compomer, Ormocer & Activa Bioactive Restorative Materials By Using Profilometer & Vicker Microhardness Tester" :An In Vitro Study

**DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS**

S.No.	Name of student	Name of guide	Topic
1	Dr. Ananya Mukherjee	Dr. Seema Gupta	Comparative evaluation of strength degradation of different orthodontic elastomeric chains immersed in hot and cold beverages: An vitro study
2	Dr. Gourab Sarkar	Dr. Seema Gupta	Clinical and microbiological study of orthodontic patients with comparative evaluation of indigenous herbal mouthwash with 0.2% chlorhexidine gluconate mouthwash in prevention of plaque and gingivitis
3	Dr. Priyanka Yambem	Dr. Eenal Bhambri	Comparative evaluation of two mouthwashes on two different orthodontic archwires : An in vivo study

**DEPARTMENT OF PAEDIATRIC AND PREVENTIVE DENTISTRY**

S.No.	Name of student	Name of guide	Topic
1	Dr. Prerna Khajuria	Dr. Suruchi Juneja	A Comparative evaluation of microleakage of equia forte HT - Resin modified glass ionomer cement and type IX class ionomer cement with nano coat with Universal Adhesive and without coat
2	Dr. Sayyad Ruma Farhin Hamid	Dr. Suruchi Juneja	Assessment of Knowledge , Attitude and practices of Parents regarding early childhood caries in Sri Ganganagar Rajasthan - A questionnaire base surgery
3	Dr. Aditi De	Dr. Sohajpreet Singh	Comparative clinical evaluation of instrumentation time and radiographic quality of obturation using to paediatric rotary files (kedo-sg blue, baby blue) and manual files in primary molars- An in vivo study

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**DEPARTMENT OF PERIODONTOLOGY AND OAL IMPLANTOLOGY**

S.No.	Name of student	Name of guide	Topic
1	Dr. Abhishek Kumar Singh	Dr. Rajni Aggarwal	"COMPARITIVE EVALUATION OF EFFECT OF OCIMUM SANTUM , AZADIRACHTA INDICA AND CHLORHEXIDINE ON PLAQUE INDUCED GINGIVAL INFLAMMATION- A RANDOMIZED CONTROLLED CLINICAL TRIAL"
2	Dr. Rohit	Dr. Rajni Aggarwal	CLINICAL EVALUATION OF EFFECT OF CONCENTRATED GROWTH FACTORS WITH CORONALLY ADVANCED FLAP IN THE TREATMENT OF GINGIVAL RECESSON: A RANDOMIZED CLINICAL TRIAL
3	Dr. Harsha	Dr. Simratjot Kaur	Clinical Evaluation of efficacy of Chitosan Based Desensitizing Agent alone or in combination with Diode Laser (940nm), in reducing dentinal hypersensitivity- A randomized controlled clinical trial

**DEPARTMENT OF PROSTHODONTICS INCLUDING CROWN AND BRIDGE**

S.No.	Name of student	Name of guide	Topic
1	Dr. Siddharth Singla	Dr. Sandeep Kumar	IN-VIVO EVALUATION OF BITE FORCE IN COMPLETE DENTURE PATIENTS WITH AND WITHOUT THE USE OF SOFT LINERS
2	Dr. Somil Chaudhary	Dr. Sandeep Kumar	EVALUATION OF ACCURACY AND PRECISION OF 3-D DIGITAL MODELS GENERATED USING PHOTOGRAMMETRY
3	Dr. Bharat Kumawat	Dr. Rajnish Aggarwal	EVALUATION OF ANTIMICROBIAL AND ANTIFUNGAL POTENTIAL OF CHITOSAN HYDROCHLORIDE INCORPORATED IN IRREVERSIBLE HYDROCOLLOID IMPRESSION MATERIAL

**DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY**

S.No.	Name of student	Name of guide	Topic
1	Dr. Azaram Mohamad Khan	Dr. Manisha Solanki	A COMPARATIVE STUDY BETWEEN BOTULINUM TOXIN TYPE-A INJECTION ALONG WITH PLATELET RICH PLASMA INJECTION IN MANAGEMENT OF HYPERFUNCTIONAL LINES OF UPPER THIRD OF FACE - A PROSPECTIVE RANDOMISED CLINICAL CONTROLLED STUDY
2	Dr. Harish Vaishnav	Dr. Manisha Solanki	" TO COMPARE THE ANAESTHETIC EFFICACY OF 0.5 % BUPIVACAINE VERSUS 2% LIGNOCAINE IN INFERIOR ALVEOLAR NERVE BLOCK DURING SURGICAL EXTRACTION OF IMPACTED LOWER THIRD MOLAR- A PROSPECTIVE RANDOMIZED CLINICAL TRIAL"
3	Dr. Vinod Mehra	Dr. Arvind Gumber	RANDOMIZED DOUBLE-BLIND PLACEBO-CONTROLLED TRAIL EVALUATING THE EFFECTS OF INTRAMUSCULAR INJECTION OF 8MG DEXAMETHASONE, GIVEN 1 HOUR PREOPERATIVELY

**DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY AND MICROBIOLOGY**

S.No.	Name of student	Name of guide	Topic
1	Dr. Bhavana Soni	Dr. Manish Kumar Sharma	Comparative study on the role of admixture of Nitric acid, Hydrochloric acid & Formic acid with EDTA on decalcification of teeth in different concentrations
2	Dr. Jugnu Prakash	Dr. Manish Kumar Sharma	Reliability of Amelogyphic print in person's identification of Sri Ganganagar population
3	Dr. Jatin Singla	Dr. Manish Kumar	A Comparative study of Microwave assisted and conventional tissue processing for preparing human oral tissues for routine microscopy

**DEPARTMENT OF ORAL MEDICINE & RADIOLOGY**

S.No.	Name of student	Name of guide	Topic
1	Dr. Anisha Anukampa	Dr. Basavaraj T Bhagawati	"PREVALENCE OF ORAL MUCOSAL LESIONS IN BRONCHIAL ASTHAMA PATIENTS"
2	Dr. Mohammad Ashab Alam	Dr. Basavaraj T Bhagawati	"PREVALENCE OF IMPACTED TEETH AND ASSOCIATED PATHOLOGIES: RADIOGRAPHIC STUDY"
3	Dr. Bajrang Lal	Dr. Nishant Kumar	"ESTIMATION OF LEVELS OF COPPER AND IRON IN DIFFERENT STAGES OF OSMF PATIENTS."

**DEPARTMENT OF PUBLIC HEALTH DENTISTRY**

S.No.	Name of student	Name of guide	Topic
1	Dr. Hemant Chawla	Dr. C.L. Dileep	Assessment of oral health status in bricks kiln workers in Anupgarh, Rajasthan
2	Dr. Yash Godha	Dr. C.L. Dileep	Assessment of oral health status among rheumatoid arthritis patients in tertiary health care centre, Jaipur
3	Dr. Vinod Arora	Dr. Manu Batra	Oral health status assessment of rabari tribes residing in Gorwar region, Rajasthan

Kindly acknowledge the receipt of the same.

Thanking you,

Yours truly,

Director Principal