Maratha Mandal's

Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010 Karnataka, India

Phone: 0831-2477682 Fax: 0831-2479323

Maratha Mandal's

A Research Centre

BELAGAVI

शरारमाचं खलु धर्मनाधनम्

Email:mmnghids@gmail.com Website: www.mmdc.edu.in

INDEX

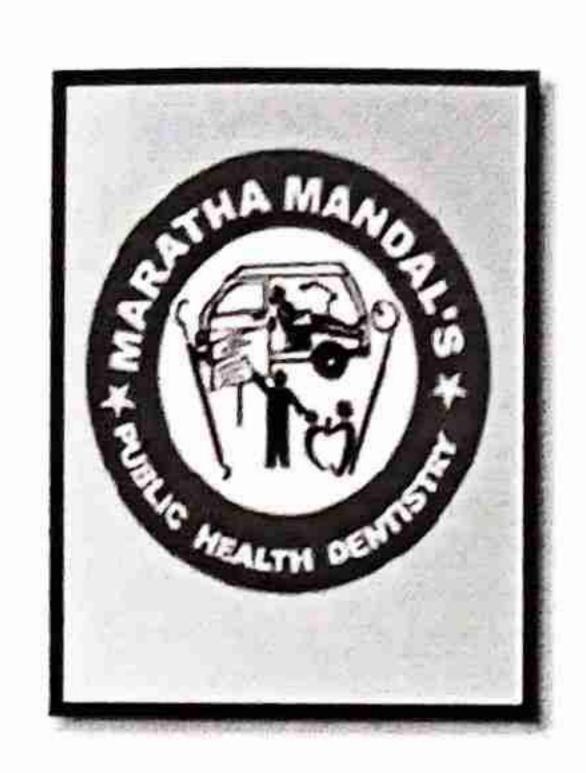
Sl.No	Details of Field visit, Internship Program, Research Projects
1	Field Visit
2	Internship program
3	Research Projects with details

Wale when who are talks - Nathaline Gathalegar Institutored Dential Ediciness & Research Centre

Dr. Ramahant Nayak
Principal

M.M's. N.G. Halgekar Institute of Dental Sciences

8 Research Centre, Belagavi-590010.



DEPARTMENT OF PUBLIC HEALTH DENTISTRY MARATHA MANDAL'S NATHAJIRAO.G. HALGEKAR INSTITUTE OF DENTAL SCIENCES AND RESEARCH CENTRE BELAGAVI.



Date: 22/6/2022

To The Principal, Maratha Mandal's Nathajirao .G. Halgekar Institute, of Dental Sciences and Research Centre, Belagavi.

Respected Sir,

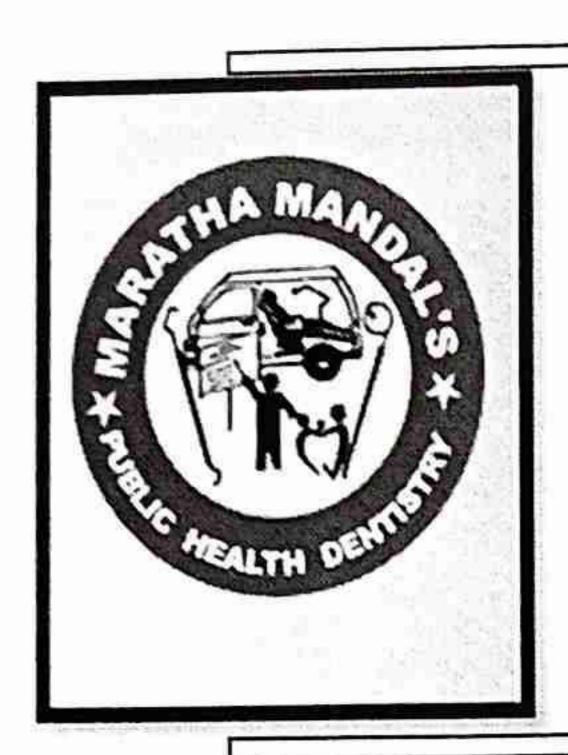
This is to your kind notice that the following IV BDS students have completed their field visit to Government and private schools, colleges, orphanage, old age home Deaddiction center, PHC visit, industry during academic year 2021-2022.

Sl. No.	NAME OF THE STUDENTS
1.	SIMRAN SURYAVANSHI
2.	BHILARE NEHA
3.	ADITI SACHIN MUNDADA
4.	AISHWARYA KAMMAR
5.	AISHWARYA MORE
6.	ALFIYA RIYAZAHMED TOPINKATTI
7.	ANAM ZEBA PATVEGAR
8.	ANJALI BIRADAR
9.	ANKITA ASHOK OSWAL
10.	BHAGAT PRACHI SHASHIKANT
11.	CHARI NETAL ANANT
12.	CHOUGULE PRADNYA BASAVRAJ
13.	DEVIKA PRAKASH KAROTH
14.	DIXIT MANASI MILIND
15.	ERAM MUJAWAR
16.	FERNANDES MARIAH TERESA
17.	HARMALKAR RICHA RAJESH
18.	KALMISKAR GAURAV MAHADEV
19.	KOLEKAR SHWETA VISHWARAJ
20.	LISHA BADODEKAR
21.	MANASI SANJEEV GARDE
22.	MONISHA P
23.	NAMRATA POL

24.	PATIL MOTAKE RUTUJA SUNIL
25.	PATIL SHRIYA SANJAY
26.	PRADEEPTA PRAMOD SAGARE
27.	PRIYANKA
28.	PRIYANKA POPAT BENAKE
29.	RANI SURESH PARAGANNAVAR
30.	RENU RAJKUMAR RAMCHANDANI
31.	RESHMA SURESH POOJARY
32.	SAGARE NINAD CHANDRAKANT
33.	SAIPALI DEVAPPA CHOUGULE
34.	SARANYA B
35.	SHAIKH FATIMA MOHAMED ALI
36.	SHIVRAJ S PATIL
37.	SHRIKANT PUJERI
38.	SHRITESH KUPANATTE
39.	SMRITI SANTOSH INAMDAR
40.	SOLAPURKAR NANDITA ANAND
41.	SRUSTI S
42.	VAISHNAVI GAVADE
43.	VANDANA V
44.	VIKAS KALYAN SUTAR
45.	VIRAJ NESARGI
46.	YASMIN YASIN SARKAR

Department of Public Health Denti-try MM's N.G.Halgekar Institute of Denti-& Research Centre, Belagavi

Dr. Ramykant Nayak Principal "M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.



DEPARTMENT OF PUBLIC HEALTH DENTISTRY MARATHA MANDAL'S NATHAJIRAO .G. HALGEKAR INSTITUTE OF DENTAL SCIENCES AND RESEARCH CENTRE BELAGAVI.



Date:14/10/2022

To,
The Principal,
Maratha Mandal's Nathajirao .G. Halgekar Institute
of Dental Sciences and Research Centre,
Belagavi.

Respected Sir,

This is to your kind notice that the following Interns have completed their Community postings during the academic year 2021-2022.

SR.NO.	NAME OF STUDENTS
1.	PATIL RIDDHI
2.	ASHWIN D P
3.	CUNCOLIEKAR SIDHARAJ SHANKER
4.	GAONKAR SHRIYA SANJEEV
5.	HARBADE SHARYU SANJAY
6.	K C IBADULLAH KHAN
7.	MAHESH HUGGE
8.	MULLA ANJU BANU
9.	NEHA SINGH
10.	NEHARIKA MILIND ASHTEKAR
11.	PATIL VAISHNAVI PRALHAD
12.	PATTAR NEELAVATHI
13.	PRAVEEN SURESH SHIRAHATTI
14.	RAJAT GHIWARI
15.	RHUCHA MUTALIK
16.	SAWANT POOJAL NARESH
17.	SEEMA R MUGALKHOD
18.	SEEMA S TALAWAR NAIKODI
19.	SHETYE ATMESH ARJUN
20.	SHRADDHAVANI P M
21.	SONAL S MARIHAL
22.	SUJATHA HANAMANTH ATHANI
23.	SUPRITA SUNIL YALAMALI
24.	VAIBHAVI M REDEKAR
25.	VRUSHALI PEDNEKAR
26.	PRAGATEE MULAGE
27.	AYESHA PANNALI
28.	RAKSHITA RAIKAR



Department of Public Health Dentistry
MM's N.G.Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010

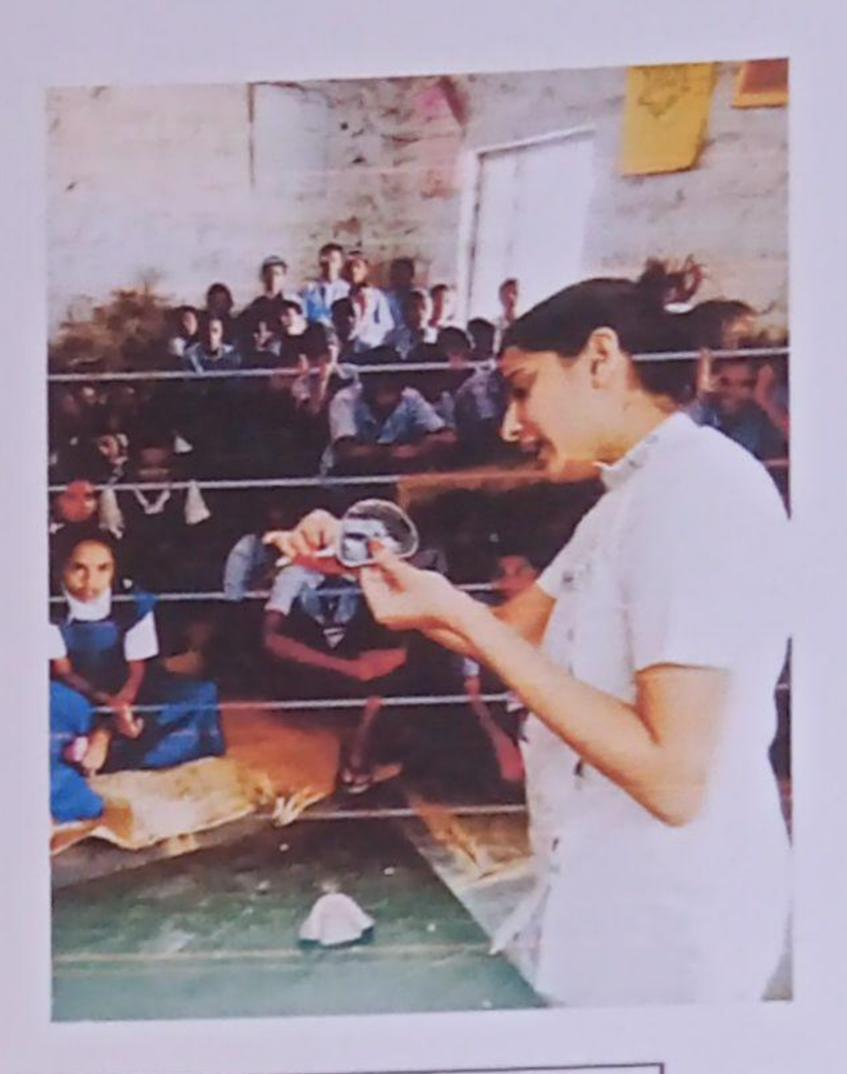
Dr. Ramakant Nayak
Principal
M.M's. N.G. Halgekar Institute of Dental Sciences

& Research Centre, Belagavi-590010.

MARATHA MANDAL'S NGH INSTITUTE OF DENTAL SCIENCES AND RESEARCH CENTER, BELAGAVI

VARIOUS FIELD VISIT





SCREENING THE ORAL CAVITY AND ORAL HEALTH EDUCATION AT SCHOOLS





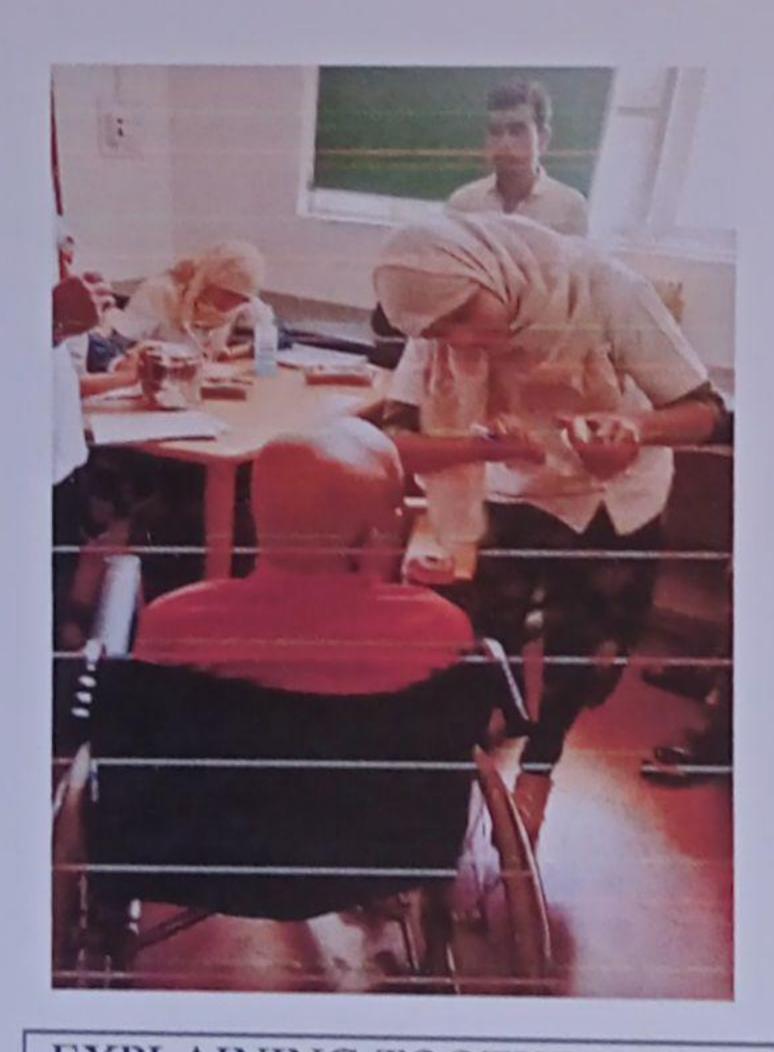
SCREENING THE ORAL CAVITY AND ORAL HEALTH EDUCATION AT COLLEGES

Dr. Ramakant Nayak
Principal
M.Ms. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.





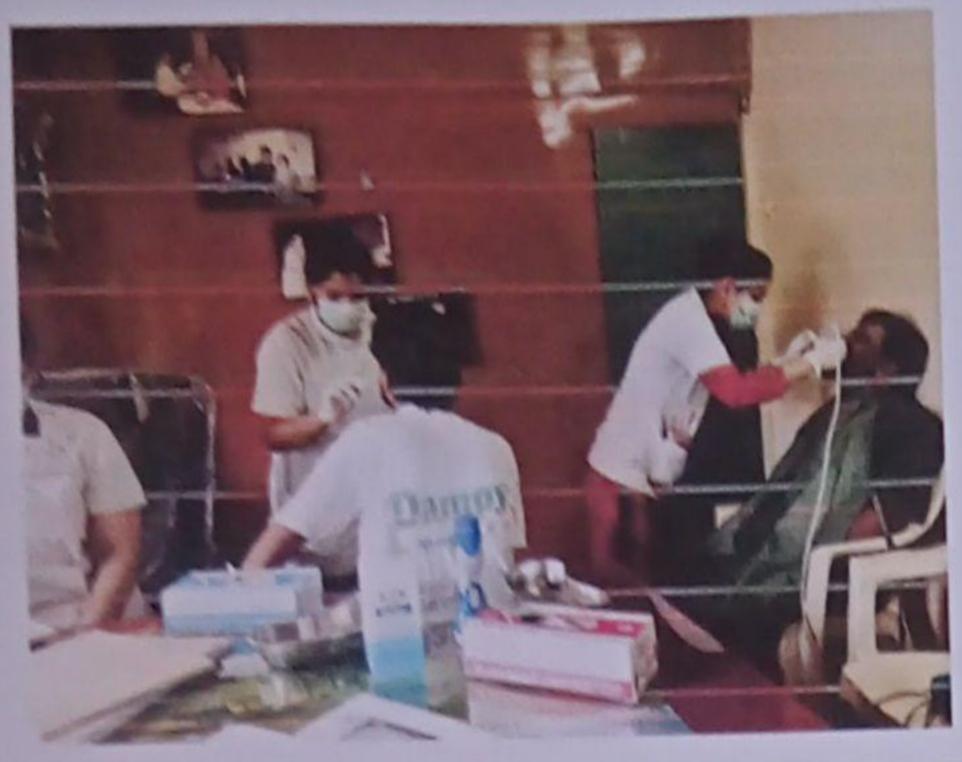
SCREENING THE ORAL CAVITY AND CONDUCTED VARIOUS ACTIVITIES AT ORPHANAGES

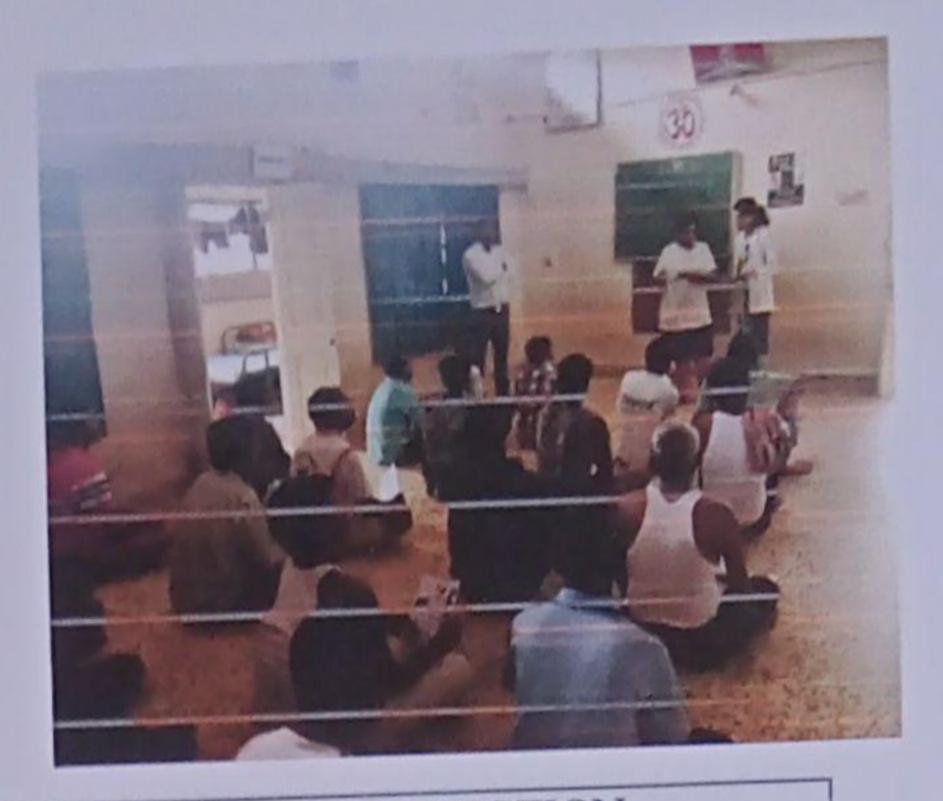




EXPLAINING TOOTHBRUSHING AND HEALTH EDUCATION AT OLD AGE HOMES

Dr. Ramalant Nayak
Principal
M.M's. N.G. Halgekar Institute of Dental Sciences
Research Centre, Belagavi-590010.





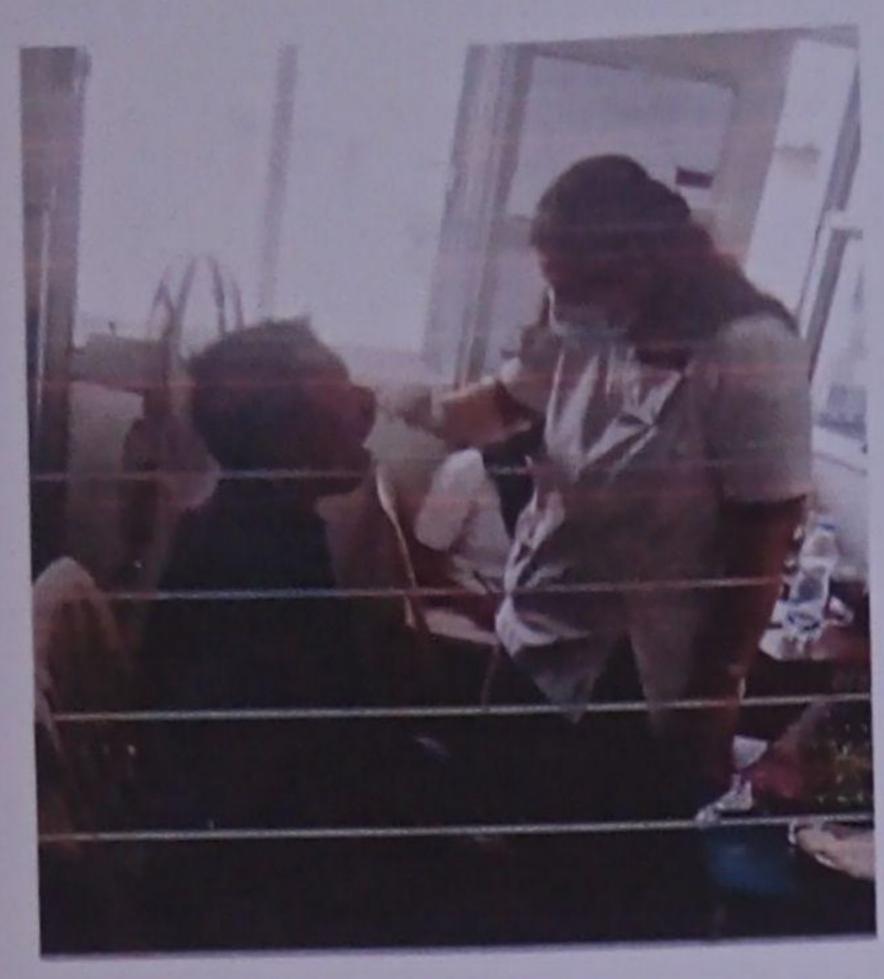
SCREENING, ORAL HEALTH AND TREATING PATIENTS AT DEADDICTION CENTRES





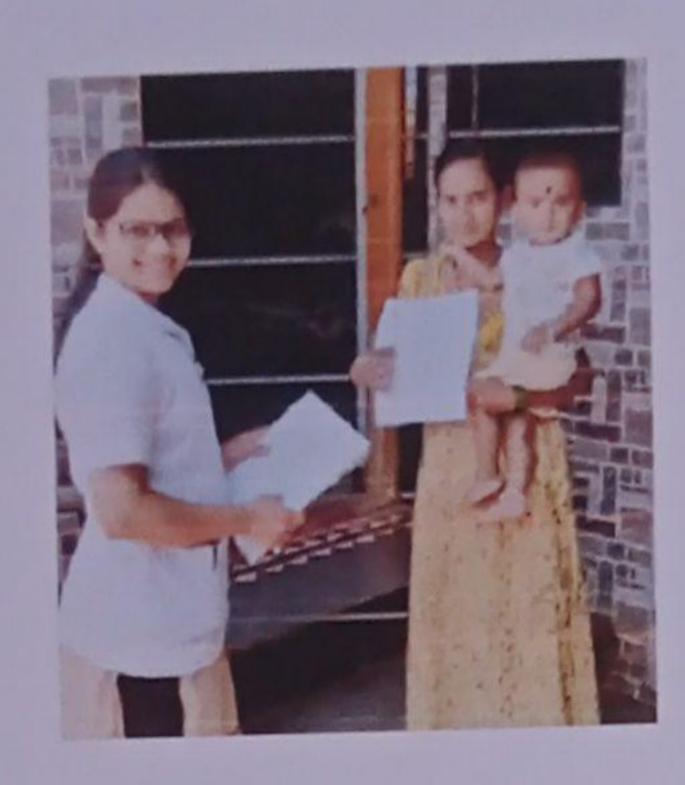
EDUCATING ANGANWADI STUDENTS AND PREGNANT LADIES ABOUT ORAL HEALTH AT PHC CENTRE

Dr. Ramakant Nayak
Plincipal
M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.





SCREENING ORAL CAVITY AND EDUCATING WORKERS AT VARIOUS INDUSTRIES





PAMPHLETS DISTRIBUTION AT VARIOUS NEAR BY PLACES
/VILLAGES

Dr. Ramakant Nayak
Principal
M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.





Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010 Karnataka, India

Phone: 0831-2477682 Fax: 0831-2479323

Email:mmnghids@gmail.com Website: www.mmdc.edu.in

Following Interns have completed their Clinical postings during the academic year 2021-2022.

Sl.no.	Name of students
1.	Patil Riddhi
2.	Ashwin D P
3.	Cuncoliekar Sidharaj Shanker
4.	Gaonkar Shriya Sanjeev
5.	Harbade Sharyu Sanjay
6.	K C Ibadullah Khan
7.	Mahesh Hugge
8.	Mulla Anju Banu
9.	Neha Singh
10.	Neharika Milind Ashtekar
11.	Patil Vaishnavi Pralhad
12.	Pattar Neelavathi
13.	Praveen Suresh Shirahatti
14.	Rajat Ghiwari da Mandal's
15.	Rhucha Mutalik o G. Halgekar
16.	Sawant Poojal Naresh
17.	Seema R Mugalkhod
18.	Seema S Talawar Naikodi
19.	Shetye Atmesh Arjun
20.	Shraddhavani P M
21.	Sonal S Marihal
22.	Sujatha Hanamanth Athani
23.	Suprita Sunil Yalamali
24.	Vaibhavi M Redekar
25.	Vrushali Pednekar
26.	Pragatee Mulage
27.	Ayesha Pannali
28.	Rakshita Raikar





Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010 Karnataka, India

Phone: 0831-2477682 Fax: 0831-2479323

Email:mmnghids@gmail.com Website: www.mmdc.edu.in

1.3.4 List of students undertaking research projects for the preceding academic year

Sl.No	Name of the student	Title of the Research Project	Year
1	Dr Aishwarya Sinha	Comparative evaluation of colour matching for single and group shade composite resin using spectrophotometer: an invitro study	I MDS
2	Dr. Sait Sameer Amjad	Comparative assessment of shear bond strength of 3 different types of gic to mta and biodentine and evaluation of the failure modes -an in vitro study	1 MDS
3	Dr. Pranjal Devidas Bhosale	Comparative evaluation of sealer penetration in the apical dentinal tubules in presence and absence of smear layer an in vitro fluorescent microscope study	I MDS
4	Dr. Asha K	Comparative evaluation of different endodontic access cavity designs on canal transportation and centering ability in mandibular molars using trunatomy files system an in vitro cbct study	I MDS
5	Dr. Medha Kulkarni	Comparative evaluation of staining ability of cola based rink, coffee, food colour and turmeric on bleached teeth at different time intervals :an invitro spectrophotometric study	I MDS
6	Dr.Sanjeevini	Correlation between growth pattern and curve of spee a retrospective study	I MDS
7	Dr. Poojita Prakash Hegde	Assessment of canine & lateral incisor root dimention along with alveolar bone thickness in patients with displaced maxillarycaninnes a cone beam tomographic study	I MDS
8	Dr. Jyotisha Das	Comparing the effects of low level laser theraphy with micro osteoperformation in accelerating orthodontics tooth movement an in vovo study	I MDS
9	Dr Yashaswini Shashikant Angolkar	Effect of laser photobiomodulation on post operative pain after single visit endodontics treatment in children,-arandomized controlled trial	I MDS
10	Dr. Anvekar Mitaj Pandarinath	Evaluating the efficacy of cavity disinfection using methylene blue dye with 660 nm diode laser on primary molars - an in vivo study	I MDS

Dr. Ramakant Nayak
Principal
Institut 8 Research Centre, Belagavi-590010.



Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010 Karnataka, India

Phone: 0831-2477682 Fax: 0831-2479323

BELAGAVI

गरीरमायं खलु धर्मसाधनम्

Email:mmnghids@gmail.com Website: www.mmdc.edu.in

Sl.No	Name of the student	Title of the Research Project	Year
11	Dr.Deepa Maralingannavar	Antimicrobial photodynamic therapy mediatedby methylene blue and doxycycline as photosensitizers on prevotella intermedia,tannerella forsythia and gingivalis, an invitro study	IMDS
12	Dr. Swarali Krishnakumar Chavan	Comparision of effect of cooling techniques on the intrapulpal temperature rise using two different provisional materials during provisionalization by direct techniquean in vitro study	1
13	Dr. S. Divya	Biosynthesis and osteogenic effect of cerium oxide nano particles extracted from aloe barbadensis miller wheen coated on titanium alloy- an invitro study	I MDS
14	Dr. Joseph Thomas	An invitro syudy to compare the effect of 3 different commercially available denture adhesive materials on the crown of candida albicans and streptococcus mutans	I MDS
15	Dr. Somesh Shivanand Pattanshetti	Evaluation and comparison antifungal properties of tisses conditioners incoraorated with and without hibiscus extract: an in vitro study	I MDS
16	Dr. Akanksha Virendra Gaonkar	"Evaluation and comparison of the amount of gutta-percha penetration into lateral canals by using three different obturation techniques" -an invitro study.	II MDS
17	Dr. Gunnam Anjany Chowdary	To evaluate and compare the antimicrobial effect of calcium hydroxide, triple antibiotic paste, 2%chlorhexidine gel and augmentin against e. Faecalis – an in vitro study	II MDS
18	Dr. Mohammed Suhail Mirza	Evaluation and comparison of shear bond strength of composite resin to mta repair hp with three different bonding systems – an invitro study	II MDS
19	Dr. Nigel Antonio De Menezes	Comparative thermographic assessment of root surface temperature among maxillary and mandibular incisors generated by high temperature thermoplasticised gutta percha continuous wave obturation technique – an invitro study	II MDS

Dr. Ramakant Nayak
Principal

M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.

Maratha Mandal's

Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010 Karnataka, India

Phone: 0831-2477682 Fax: 0831-2479323

& Research Centre.

BELAGAVI

शरीरमाधं खल् धर्मसाधनम्

Email:mmnghids@gmail.com Website: www.mmdc.edu.in

Sl.No	Name of the student	Title of the Research Project	Year
20	Dr. Sahana Umesh	Comparative evaluation of apically extruded debris and canal transportation using protaper Gold, XP-Endo Shaper and trunatomy rotary systems in curved root canals: An invitro study	II MDS
21	Dr. Akshay Biradar	Clinical assessment and comparative evaluation of the effects of hawley's and essix retainer on periodontal health: an in vivo study	II MDS
22	Dr. Aswin Joseph	Comparative assessment of maxillary arch changes after levelling and alignment using selfy self ligating and 3m gemini conventional brackets-an invivo study	II MDS
23	Dr. Shivaleela	Dentoskeletal and soft tissue changes concurrent to use of powerscope appliance in treatment of class ii malocclusion —a retrospective cephalometric study.	II MDS
24	Dr. K S Vikaraman	Comparative evaluation of the antibacterial efficacy of radial firing laser technology on bacteria beyond the apices of deciduous root canals prepared using trunatomy rotary files and conventional hand files - an ex vivo study	II MDS
25	Dr. Srinivas K S	Comparative evaluation of disinfecting ability of 2.5% sodium hypochlorite solution and 5.25% sodium hypochlorite gel against enterococcus faecalis contaminated primary root canals with and without 810 nm diode laser an ex vivo study.	II MDS
26	Dr. Vinuta M Bhandi	Invitro evaluation of antimicrobial activity of ethanolic extract of cuminium cyminium in comparison to calcium hydroxide as intracanal medicament on common bacteria of endodontic infections	II MDS
27	Dr. Anisha Jose	Evaluation and comparision of adhesion of porphyromonas gingivalis on amnion membrane treated with commercially available cetylpiridinium chloride containing mouthwash using real time pcr: an invitro study	II MDS

Dr. Ramakant Nayak
Principal
M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.

Maratha Mandal's



Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010 Karnataka, India

Phone: 0831-2477682 Fax: 0831-2479323

Email:mmnghids@gmail.com Website: www.mmdc.edu.in

Sl.No	Name of the student	Title of the Research Project	Year
28	Dr. Gandla Harish	Determination and comparison of anti- inflammatory activity of aqueous and alcoholic extracts of "amorphophallus paeoniifolius" on mmp2 and mmp9an in-vitro study.	II MDS
29	Dr. Jain Darsha Lalitkumar	Effect of low-level laser therapy on the proliferation of gingival fibroblasts treated with curcumin- an in vitro study	II MDS
30	Dr. Naseema Begum Nidagundi	Evaluation and comparison of two commercially available mouthwashes on gingivalfibroblast survivaland migration- an in-vitro study	II MDS
31	Dr. Sowmya B R	Determination of the antibiofilm activity of aqueous extract of amorphophallus paeoniifolius on early and late colonizers in an artificially synthesized dental biofilm-an in vitro study	II MDS
32	Dr. Dadhania Nidhi Mansukhbhai	Evaluation and comparison of antifungal properties of tissue conditioner with and without curcumin nanoparticles: an invitro study.	II MDS
33	Dr. Prajakta Vishwas Tumari	Biosynthesis and osteogenic effect of iron oxide nanoparticles extracted from tinospora cordifolia when coated on titanium alloy – an in vitro study	II MDS
34	Dr. Shilpa Soman	Comparative evaluation of antimicrobial properties of alginate impression material incorporated with and without silver and titanium dioxide nano particles: an in vitro study.	II MDS
35	Dr. Supriya Shukla	Evaluation and comparison of efficacy and dimensional accuracy of polyvinylsiloxane impresson material after chemical disinfection and microwave irradiation- an in vitro study	II MDS
36	Dr. Walawalkar Saili Ajit	Comparison of the efficacy of cooling techniques and matrix materials on the intrapulpal temperature during provisionalization by direct techniquean in vitro study.	II MDS

Dr. Ramakant Mayak

Principal

M.M's. M.S. Usigehat in Jurie of Dental Sciences

A.A. Canada and Jahren 10.





Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010 Karnataka, India

Phone: 0831-2477682 Fax: 0831-2479323

Email:mmnghids@gmail.com Website: www.mmdc.edu.in

Sl.No	Name of the student	Title of the Research Project	Year
37	Dr. Aishwarya Tamse	Comparision of anti-microbial efficacy of curcumin and chitosan nanoparticles with and without photoactivation against single species biofilm of candida albicans an invitro study	III MDS
38	Dr. Annu Kumar	Comparision of the effect of ferric sulphate medicament on the dimensional stability of three comercially avaliable polyvinyl siloxane impression material material an invitru study	III MDS
39	Dr. Divyashree Dandavati	Comparative evealuation of shear bond strength of composite resin to bleached enemel treated with two antioxidants an invitro study	III MDS
40	Dr. Kadam Krutika Kiran	Multiplex polymerase chain reaction based identification of select black pigmented prevotella species in symptomatic and asymptomatic primary endodontic infections a cross sectional study	III MDS
41	Dr. Lovin Valsan Mathew	Comparitive analysis of push-out bond strength of glass ionomer cement type-ii, pro-root mta and biodentine in furcal perforations with and without blood contamination: an invitro study	III MDS
42	Dr. Seema B. Hanjagi	Comparative evaluation of the effect of 7%	III MDS
43	Dr. Mangali Naveen Kumar	Evaluation and comparision of commonly used elastomeric chains in orthodontics an in-vitro study	III MDS
44	Dr. Nithine Kuriakose	Assessment of sagittal and vertical lip positions in skeletal growth patterns "a cross sectional study	III MDS
45	Dr. Shwetha D.	Evaluation & comparison of salivary alkaline phosphatase activity, protein concentration and chronological age as indicators for skeletal maturity" a cross sectional study	III MDS
46	Dr. Priya Piswanathan K	Comparative evaluation of anti bacterial efficacy of laser photodynamic therapy against chlorhexidine on oral biofilms an in vitro study	III MDS
47	Dr. Ramachandra Talwar	Laser photo biomodulation for non pharmacologic pain control after dental extractions in 6 to 9 years old pediatric patients: a randomized controlled clinical trial	III MDS

Dr. Ramalant Nayak Principal

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.





Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010 Karnataka, India

Phone: 0831-2477682 Fax: 0831-2479323

Email:mmnghids@gmail.com Website: www.mmdc.edu.in

Sl.No	Name of the student	Title of the Research Project	Year
48	Dr. Shiv Kumar Hiremath	A comparative evaluation of the proliferatory activity between emdogain and nanocurcumin on the humanperiodontal ligament fibroblasts: an in vitro study	III MDS
49	Dr. Akshata Kutre	Evaluation of the passage of aggregatibacter actinomycetemco mitans through tetracyline loaded amnion membrane, an invitro study	III MDS
50	Dr. K.V. Varshitha	Detection and comparison of archaea in healthy, gingivitis and chronic periodontits subjects by using conventional per	III MDS
51	Dr. Kahon Chakraborty	Quantification and comparison of treponema lecithinolyticum in helathy and chronic periodontitis subjects using real time-pcr.	III MDS
52	Dr. Rajesh Patnaik	Detection of filifactor alocis in healthy individuals and in patients with chronic periodontitis by fluorescent in situ hybridisation	III MDS
53	Dr. V. Sai Chandini Srinivas	Determination of the antibiofilm property of aqueous extract of allium sativum on p.gingivalis, p.intermedia and f.nucleatum in an artificially synthesized dental biofilm	III MDS
54	Dr. Ektha Pai T	Comparison of titanium dioxide nanoparticles and silver nanoparticles for flexural strength when incorporated in heat cure acrylic denture base resin an in vitro study	III MDS
55	Dr. G Sruthi	Comparative evaluation of trueness of implant surgical guide fabricated using two different 3d printersac an in vitro study	III MDS
56	Dr. Tumma Sri Hari Priya	Evaluation of antimicrobial properties of tissue conditioner incorporated with silver nanoparticles: an in vitro study	III MDS
57	Dr. Veena Pattanshetty	Evaluating and comparing antifungal efficacy of aloe vera and tulsi incorporated in denture soft liner:an in vitro study	III MDS

Dr. Ramakant Nayak
Principal
M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.

Maratha Mandal's

Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010 Karnataka, India

Phone: 0831-2477682 Fax: 0831-2479323

& Research Centre.

BELAGAVI

रमार्च खल् धर्मशाधनम्

Email:mmnghids@gmail.com Website: www.mmdc.edu.in

Sl.No	Name of the student	Title of the Research Project	Year
58	Mr. Viraj Nesargi	Asessment of cotinine levels in saliva among smokers and non-smokers in Belagavi city-A Clinical Study.	IV BDS
59	Miss. Rani Paaragannavar	Evaluation of antioxidant and anticancer activity of Ajwain extract on oral cancer cell lines – an in vitro study	IV BDS
60	Miss. Priyanka Beneke	Comparative evaluation of antimicrobial effect, antibiofilm effect and quorum sensing inhibition of Clitoria Ternatea and Chlorhexidine against Streptococcus mutans	IV BDS

Dr. Ramakant Nayak Principal

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

COMPLETION CERTIFICATE OF RESEARCH PROJECT (PRECEEDING ACADEMIC YEAR - 2021-22)



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "COMPARISON OF ANTI-MICROBIAL EFFICACY OF CURCUMIN AND CHITOSAN NANOPARTICLES THE AND WITHOUT PHOTOACTIVATION AGAINST SINGLE SPECIES SOFILM OF CANDIDA ALBICANS - AN INVITRO STUDY" is a bonafide research done by Dr. AISHWARYA SHIVADAS TAMASE. under the guidance of DR. SHEETAL KUBASAD Professor, Department of Conservative dentistry and Endodontics. Maratha Mandal's Nathajirao .G. Halgekar Institute of Dental Sciences and Belagavi.

Dr. Madhu Pujar, MDS

Professor & HOD

Department of Conservative

Dentistry and Endodontics

Place: Belagavi

Dr. Ramakant Nayak

Principal 14 M's. N.G. Halgekar Institute of Dental Sciences

& Research Centre, Belagavi-590010.

Dr. Ramakant Nayak. MDS Principal

Maratha Mandal's Nathajirao G.Halgekar Institute of Dental Sciences& Research Centre.

Date: 311 2022

Place: Belagavi



ENDORSEMENT BY THE HOD & PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that this dissertation entitled COMPARISION OF THE EFFECT OF FERRIC SULPHATE MEDICAMENT ON THE DIMENSIONAL STABILITY OF THREE COMMERCIALLY AVAILABLE POLYVINYL SILOXANE IMPRESSION MATERIAL - AN IN-VITRO STUDY is a bonafide research work done by DR. ANNU KUMAR under the guidance of Dr. VIRAJ N. PATILM.D.S., Professor Department of Prosthodontics and Crown and Bridge including Implantology, Maratha Mandal's Nathajirao G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi - 590010.

DR. R.B. HALLIKERIMATH

Professor and Hull

DEPT. OF PROSTHODONTICS

Denation and Crown and Crown and

Bridge N. G. Halgekar Institute of Bridge Sciences & Research Centre

Maratha Wanda ON NGH Institute of Dental

Sciences and Research Centre.

Belagavi - 590010

17/01/2022

Place: Belagavi

DR. RAMAKANT NAYAK

Dr. Ramakant Nayak Principal

M.M.'s NeiHatiphar Institute of Dental Sciences. & Research Centre, Belgaum-590012

Maratha Mandal's NGH Institute of Dental Sciences and Research Centre.

Belagavi-590010

Date:

Place: Belagavi

Dr. Ramakant Nayak Principal

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "COMPARATIVE EVALUATION OF SHEAR BOND STRENGTH OF COMPOSITE RESIN TO BLEACHED ENAMEL TREATED WITH TWO ANTIOXIDANTS – AN INVITRO STUDY" is a bonafide research work done by Dr. DIVYASHREE D. DANDAVATI under the guidance of Dr. MADHU PUJAR, Professor and Head, Department of Conservative dentistry and Endodontics.

Dr. Madhu Pujar._{MDS}

Professor & HOD

Department of Conservative

Dentistry and Endodontics

Date: 14/12/2021

Place: Belagavi

Dr. Ramakant Nayak. MDS

Principal

Maratha Mandal's Nathajirao G.

Halgekar Institute of Dental Sciences

& Research Centre.

Date: 14/12/2021

Place: Belagavi

Dr. Ramakant Nayak Principal

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "MULTIPLEX POLYMERASE CHAIN MACTION BASED IDENTIFICATION OF SELECT BLACK PIGMENTED PREVOTELLA PECIES IN SYMPTOMATIC AND ASYMPTOMATIC PRIMARY ENDODONTIC P

Dr. Madhu Pujar. MDS

Professor & HOD

Department of Conservative

Dentistry and Endodontics

Date: 14/12/2021

Pace: Belagavi

Dr. Ramakant Nayak. MDS

Principal

Maratha Mandal's Nathajirao G.

Halgekar Institute of Dental Sciences

& Research Centre.

Date: 14/12/2021

Place: Belagavi

Dr. Ramakant Nayak
Principal
Principal

M.M's. N.G. Halgekar Institute of Dental Sciences

& Research Centre, Belagavi-590010,

BENGALURU, KARNATAKA



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "COMPARITIVE ANALYSIS OF OUT BOND STRENGTH OF GLASS IONOMER CEMENT TYPE-II, PORT MTA AND BIODENTINE IN FURCAL PERFORATIONS WITH AND HOUT BLOOD CONTAMINATION: AN INVITRO STUDY' is a bonafide work done by Dr. LOVIN VALSAN MATHEW under the guidance of TEERENDRA M. UPPIN, Professor, Department of Conservative dentistry and

Madhu Pujar, MDS

ment of Conservative Dentistry

Endodontics

Belagavi

Dr. Ramakant Nayak. MDS

Principal

Maratha Mandal's Nathajirao G.

Halgekar Institute of Dental Sciences

& Research Centre.

Date: 14/12/2021

Place: Belagavi

Dr. Ramakant Nayak Principal

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagayi-590010.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGALORE



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "COMPARATIVE EVALUATION OF THE EFFECT OF 17% EDTA, 7% MALEIC ACID AND SMEAROFF IRRIGATING SOLUTIONS ON SMEAR LAYER REMOVAL AND MICRO HARDNESS OF ROOT CANAL DENTIN: AN IN VITRO STUDY" is a bonafide research work done by DR.SEEMA B HANJAGI under the guidance of Dr. PALLAVI GOPESHETTI Reader, Department of Conservative dentistry and Endodontics. Maratha Mandal's Nathajirao. G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi.

Dr. Madhu Rujar.mbs

Professor & HOD

Department of Conservative D

Maratha Mandal's Nathajirao.

G. Halgekar Institute of Dental

Sciences& Research Centre,

Belagavi.

Dr. Ramakant Nayak. MDS

Principal

Maratha Mandal's Nathajirao G.Halgekar Institute of Dental Sciences& Research Centre,

Belagavi.

Place: Belagavi

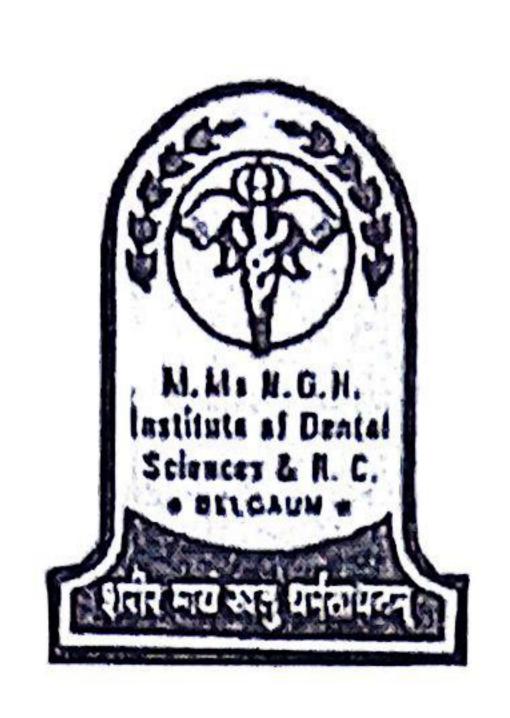
Place: Belagavi

Dr. Ramakant Nayak

Principal

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

BANGALORE



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "EVALUATION AND COMPARISION OF FORCE DEGRADATION OF COMMONLY USED ELASTOMERIC CHAINS IN ORTHODONTICS: AN IN-VITRO STUDY" is a bonafide research work done by DR. NAVEEN KUMAR MANGALI under the guidance of Dr. VIJAY R.NAIK MDS, Professor and head, Department of orthodontics and dentofacial orthopedics. Maratha Mandal's Nathajirao. G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi.

DR. VIJAY NAIK

Professor and Head Dept of Orthodontics and Dentofacial Orthopedics Maratha Mandplatt 6 H Institute of Dental Sciences Belgaum 590010

> Dr. Vijay R. Naik. MDS Professor & HOD Department of Orthodontics and dentofacial orthopedics. Maratha Mandal's Nathajirao. G. Halgekar Institute of Dental Sciences& Research Centre, Belagavi.

Dr. Ramakant Nayak Dr. Ramakafitaipalyak. MDS

M.M. & N. G. Halgekar Institute of Dental Sciences.

Prameigableh Centre. Belgaum-590010 Maratha Mandal's Nathajirao G.Halgekar Institute of Dental Sciences & Research

Centre, Belagavi.

Date: 17/01/2022

Place: Belagavi

Date: 17-10112022

Dr. Ramakant Nayak Place: Belagavi

Principal

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

ENDORSEMENT BY THE HOD, PRINCIPAL/ HEAD OF THE INSTITUTION

This is to certify that the dissertation titled "ASSESSMENT OF SAGITTAL AND VERTICAL LIP POSITIONS IN DIFFERENT SKELETAL GROWTH PATTERNS -A CROSS SECTIONAL STUDY" is a bonafide research work done by DR. NITHINE KURIAKOSE under the guidance of DR. VIKRAM PAI M.D.S Professor, Department of Orthodontics and Dentofacial Orthopaedics, Maratha Mandal's Nathajirao G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi.

DR. VIJAY NAIK

Professor and Head

Dept of Orthodontics and Dentofacial Orthopedics
Maratha Mandals N G H Institute of Dental Sciences

Belgaum 590010

DR. RAMAKARNICHAYAK M.D.S

M.M.'s NG Halge or Institute of Dental Sciences. Principal sparch Centre, Belgaum-590010

Maratha Mandal's Nathajirao G.

Halgekar Institute of Dental Sciences

and Research Centre, Belagavi

Professor and Head of Department

Department of Orthodontics

DR. VIJAY R. NAIK M.D.S

Maratha Mandal's Nathajirao G.

Halgekar Institute of Dental Sciences

and Research Centre, Belagavi.

Date: 15-/12/2021

Place: Belagavi

Date: 15/12/2021

Place: Belagavi

Dr. Ramakant Nayak Principal

M.M's. N.G. Halgek: Institute of Dental Sciences & Research Centre, Belagavi-590010.

TIT

ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation titled "EVALUATION & COMPARISON OF ACTIVITY, PROTEIN PHOSPHATASE ALKALINE SALIVARY CONCENTRATION AND CHRONOLOGICAL AGE AS INDICATORS FOR SKELETAL MATURITY: A CROSS-SECTIONAL STUDY" is a bonafide research work done by Dr. SHWETHA D under the guidance of Dr. SIDDHARTH REVANKAR, Professor, Department of Orthodontics and Dentofacial Orthopedics, Maratha Mandal's Nathajirao G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi.

DR. YIJAY NAIK

Dept of Orthodopic . The acial Orthopedics Maratha Professor and Head Dental Sciences

Department-of-Orthodontics

Maratha Mandal's Nathajirao G.

Halgekar Institute of Dental Sciences

and Research Centre, Belagavi.

Date: 15/12/2021

Place: Belagavi

M.M.'s N.G Halgekal Institute of Dental Sciences.

Proposition Contro, Belgaum-590010

Maratha Mandal's Nathajirao G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi.

Date: 15/12/2021
Place: Belagavi

Dr. Ramakant Nayak

Principal M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES

KARNATAKA, BENGALURU



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE

INSTITUTION

This is to certify that the dissertation entitled "LASER PHOTO BIO-MODULATION FOR NON- PHARMACOLOGIC PAIN CONTROL AFTER DENTAL EXTRACTIONS IN 6 TO 9 YEARS OLD PEDIATRIC PATIENTS-A RANDOMIZED CONTROLLED CLINICAL TRIAL" is a bonafide research work done by Dr. RAMACHANDRA P TALWAR under the guidance of Dr. Chandrasekhar Yavagal, Professor and HOD, Department of Pediatric and Preventive Dentistry.

Professor and Head

Dr.. Chandrashekar Yavagal M.D.S., F.I.C.D

Department of Pediatric and Preventive Dentistry,

Maratha Mandal's Nathajirao G. Halgekar

Institute of Dental Sciences & Research Centre,

Belagavi, Karnataka

Date: 10/02/2022

Place: Belagavi

Principal

Dr. Ramakant Nayak Dr. Ramakant Nayak

W.M.'s MyaHathakar Institute of Dental Sciences

Halgekar Institute of Dental

naigekar mistitute of Dental

Sciences & Research Centre,

Belagavi, Karnataka

Date: 10/02/2022

Place: Belagavi

Dr. Ramakant Nayak
Principal
Principal
Underlander Institute of Dental Scie

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES

KARNATAKA, BENGALURU.



ENDORSEMENT BY THE HOD, PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "COMPARATIVE EVALUATION OF ANTI BACTERIAL EFFICACY OF LASER PHOTODYNAMIC THERAPY VERSUS CHLORHEXIDINE ON ORAL BIOFILMS – AN IN VITRO STUDY" is a bonafide research work done by Dr. Priya Viswanathan K under the guidance of Dr. Chandrashekar Yavagal, Professor and Head, Department of Pediatric and Preventive Dentistry.

Professor and Head

Dr. Chandrashekar Yavagal M.D.S., F.LC.D.

Department of Pediatric and Preventive Dentistry,

Maratha Mandal's Nathajirao G. Halgekar

Institute of Dental Sciences & Research Centre,

Belagavi, Karnataka

Date: 17/12/2021

Place: Belagavi

Prindipal

Dr. Ramakant Nayak M.D.S.

Maratha Mandal's Nathajirao G.

Halgekar Institute of Dental

Sciences & Research Centre,

Belagavi, Karnataka

Dr. Ramakant Nayak Principal

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

Date:

Place: Belagavi

MARATHA MANDAL'S

NATHAJIRAO G. HALGEKAR INSTITUTE OF DENTAL SCIENCESAND RESEARCH CENTRE, BELAGAVI, KARNATAKA



ENDORSEMENT BY HOD/ PRINCIPAL/ HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "A COMPARATIVE EVALUATION OF PROLIFERATORY ACTIVITY BETWEEN EMDOGAIN AND NANOCURCUMIN ON THE HUMANPERIODONTAL LIGAMENT FIBROBLASTS: AN IN VITRO STUDY" is a bonafide research work done by Dr. Shiv Kumar Hiremath under the guidance of Dr. Praveenkumar S. Mandroli, Professor of the Department of Pediatric and Preventive Dentistry.

Dr.Chandrashekar Yavagal M.D.S, F.L.C.D

Professor and Head

Department of Paediatric& Preventive Dentistry

Maratha Mandal's NGH Institute of Dental

Sciences & Research Centre, Belagavi.

Place: Belagavi.

Date: 15/11/21

Dr. Ramakant Nayak M.D.S.

Principal Dr. Ramakant Nayas.
Principal

Mararhania Helbeka helikute of Protal Cental

Sciences & Research Centre, Belagavi.

Dr. Ramalant Nayak Principal

Place: Belagavi. & Research Centre, Belagavi-590010,

Date: 13/11/2]

CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled EVALUATION OF THE PASSAGE OF Aggregatibacter actinomycetemcomitans THROUGH TETRACYCLINE LOADED AMNION MEMBRANE, AN IN-VITRO STUDY is a bonafide research work done by Dr. Akshata Anil Kutre in partial fulfillment of the requirement for the degree of Master of Dental Surgery (MDS) in Periodontology.

Signature of the guide:

Dr. Sandeep Katti M.D.S

Professor

Department of Periodontology

Maratha Mandal's NGH Institute

of Dental Sciences and Research

Centre, Belagavi.

Signature of the Co - guide:

Dr. Kishore G Bhat

Research Director

Central Research Laboratory

Maratha Mandal's NGH Institute

of Dental Sciences and Research

Centre, Belagavi.

Date: 01/12/2021

Place: Belagavi

Dr. Ramakant Nayak

Principal M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled DETECTION AND COMPARISION OF Archaea IN HEALTHY, GINGIVITIS AND CHRONIC PERIODONTITS

SUBJECTS, BY USING CONVENTIONAL PCR is a bonafide research work done by Dr.K.V.Varshitha in partial fulfillment of the requirement for the degree of Master of Dental Surgery (MDS) in Periodontology.

Signature of the guide:

Dr. Pushpa .S. Pudakalkatti M.D.S

Professor,

Department of Periodontology

Maratha Mandal's NGH Institute

of Dental Sciences and Research

Centre, Belagavi.

Date: 1 12 2021

Place: Belagavi

lander

Signature of the Co - guide:

Dr. Kishore G Bhat

Professor and Head

Department of Microbiology

Maratha Mandal's NGH Institute

of Dental Sciences and Research

Centre, Belagavi.

Dr. Ramakant Nayak Pincipal

M.M's. N.G. Halgekar Institute of Dental Sciences 8 Research Centre, Belagavi-590010.

CERTIFICATE BY THE GUIDE

This is to certify that the dissertation or thesis entitled "QUANTIFICATION AND COMPARISON OF Treponema lecithinolyticum IN HEALTHY AND CHRONIC PERIODONTITIS SUBJECTS USING REAL TIME - PCR." is a bonafide research work done by Dr. KAHON CHAKRABORTY in partial fulfillment of the requirement for the degree of Master of Dental surgery (MDS) in Periodontology.

Date: 15/11/2021

Place: Belagavi

Signature of the Guide:

Dr. SACHIN S. SHIVANAIKAR MDS

Professor

Department of Periodontology Maratha Mandal's Nathajirao G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi

Dr. Ramakant Nayak
Phincipal
M.M's. N.G. Halgekar Institute of Dental Sciences
8 Research Centre, Belagavi-590010.

CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled DETECTION OF Filifactor alocis IN HEALTHY INDIVIDUALS AND CHRONIC PERIODONTITIS PATIENTS USING FLUORESCENT IN SITU HYBRIDISATION is a bonafide research work done by Dr. Rajesh Patnaik in partial fulfillment of the requirement for the degree of Master of Dental Surgery (MDS) in Periodontology

Signature of the guide

Dr. Aarati Nayak MDS

Professor and Head

Department of Periodontology

Maratha Mandal's NGH Institute

of Dental Sciences and Research

Centre, Belagavi.

Signature of the Co-guide

Dr. Vijayalakshmi Kotrashetti mos

Professor and Head

Department of Oral Pathology

Maratha Mandal's NGH Institute

of Dental Sciences and Research

Centre, Belagavi

Date: 01 12 2029

Place Belagavi

Dr. Ramakant Nayak Prihcipal M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled "DETERMINATION OF THE ANTIBIOFILM PROPERTY OF AQUEOUS EXTRACT OF ALLIUM SATIVUM ON P. gingwalis, P. intermedia AND F. nucleatum IN AN ARTIFICIALLY SYNTHESIZED DENTAL BIOFILM" is a bonafide research work done by Dr. V. Sni Chandlni Srinivas in partial fulfillment of the requirement for the degree of Master of Dental Surgery (MDS) in Periodontics.

Signature of the guide:

Dr. Aarati Nayak M.D.S

Professor and Head,

Department of Periodontology.

Maratha Mandal's NGH Institute

of Dental Sciences and Research Centre,

Belagavi.

Signature of the Co - guide

Dr. Vijayalakshmi Kotrashetti

Professor and Head,

Department of Oral and

Maxillofacial Pathology.

Maratha Mandal's NGH Institute

of Dental Sciences and Research

Centre, Belagavi.

Date:

13.12.2021

Place: Belagavi

Dr. Rambkant Nayak Principal

M.M's. N.G. Halgekar Institute of Dental Sciences 8 Research Centre, Belagavi-590010.

ENDORSEMENT BY THE HOD & PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that this dissertation entitled "COMPARISON OF **TITANIUM** DIOXIDE NANOPARTICLES AND SILVER NANOPARTICLES FOR FLEXURAL STRENGTH WHEN INCORPORATED IN HEAT CURE ACRYLIC DENTURE BASE RESIN: AN IN VITRO STUDY" is a bonafide research work done by DR. **EKTHA** PAI T. under the guidance of DR. AJAYKUMAR NAYAK M.D.S., Professor, Department of Prosthodontics and Crown and Bridge including Implantology, Maratha Mandal's Nathajirao G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi -590010.

Prefrosessond&Hollad Department BROSTHODOMICS and Crown and M.M. & N. C. Halgekar Institute of Dental Sciences.

& CPC. VN & BRIDGE

A Research Centre Balance # 100040

G. Halgekar Institute of Bridge

iences & Research Co.

Maratha Mandal PNOH Institute of Dental

Sciences and Research Centre.

Belagavi - 590010

Date: 8/12/2021

Place: Belagavi

DR. RAMAKANT NAYAK Dr. Ramakant Nayak

Principal

Maratha Mandal's NGH Institute of Dental

Sciences and Research Centre.

Belagavi-590010

Date: 3/12/2021

Place: Belagavi

Dr. Ramakant Nayak Principal M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

IV



ENDORSEMENT BY THE HOD & PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that this dissertation entitled "COMPARATIVE EVALUATION OF TRUENESS OF IMPLANT SURGICAL GUIDE FABRICATED USING TWO DIFFERENT 3D PRINTERS - AN IN VITRO STUDY" is a bona fide research work done by DR. G.SRUTHI under the guidance of Dr. PREETHI KUSUGAL.m.D.s., Professor, Department of Prosthodontics and Crown and Bridge including Implantology, Maratha Mandal's Nathajirao G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi - 590010.

DR. R.B. HALLIKERIMATH

Professor and HEAD,

Department of Prosthodontics and Crown and

Bridge

Maratha Mandal's NGH Institute of Dental

Sciences and Research Centre.

Belagavi - 590010

Date: 28/01/22

Place: Belagavi

DR. RAMAKANT NAYAK Dr. Ramakant Nayak Principal, Principal

M.M. Walande Mar Institute of Dental Sciences.

Research Centre. Belowth Associate of

Dental Sciences and Research Centre.

Belagavi-590010

Date: 28/01/22

Place: Belagavi

Dr. Ramakant Nayak Principal

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.



ENDORSEMENT BY THE HOD & PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that this dissertation entitled entitled "EVALUATION OF CONDITIONER TISSUE **PROPERTIES** OF ANTIMICROBIAL INCORPORATED WITH SILVER NANOPARTICLES: AN IN VITRO STUDY is a bona fide research work done by DR. TUMMA SRI HARI PRIYA under the guidance of Dr. R B HALLIKERIMATHM.D.S., Professor and Head Department of Prosthodontics and Crown and Bridge including Implantology, Maratha Mandal's Nathajirao G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi -590010.

Dr. R. B. HALLIKERIMATH

Mm's N. G. Halgekar Institute of Bridge

Dental Sciences & Research Centre

Maratha Mandal's NGH Institute of Dental

Sciences and Research Centre.

Belagavi - 590010

Date: 27/01/2022

Place: Belagavi

Dr. RAMAKANT NAYAK

Dr. Ramakant Nayak

Principal, Principal

DEPT. OF PROSTHODONTICS

M.M. & N. G. Halgekar Institute of Dental Sciences

Department of Prosthod Brings and Crown and National Releases 590019. Malentack/fantial Behyer 590018 tute of

Dental Sciences and Research Centre.

Belagavi-590010

Date: 27/01/2022

Place: Belagavi

Dr. Ramakant Nayak M.M's. N.G. Halgekar Institute of Dental Sciences Pfincipal A Résearch Centre, Belagavi-590010.



ENDORSEMENT BY THE HOD & PRINCIPAL/HEAD OF THE INSTITUTION

This is to certify that this dissertation entitled "EVALUATING AND COMPARING ANTIFUNGAL EFFICACY OF ALOE VERA AND TULSI INCORPORATED IN DENTURE SOFT LINER: AN IN VITRO STUDY" is a bonafide research work done by DR. VEENA R PATTANASHETTI under the guidance of Dr.PREETI ASTAGI.M.D.S., Professor, Department of Prosthodontics and Crown and Bridge including Implantology, Maratha Mandal's Nathajirao G. Halgekar Institute of Dental Sciences and Research Centre, Belagavi - 590010.

DR. R.B. HALLIKERIMATH

& CROWN & BRIDGE

Departmentlosk Prosiliudontics and Crown and

Bridge ciences & Research Centre

**- 590010

Maratha Mandal's NGH Institute of Dental

Sciences and Research Centre.

Belagavi - 590010

Date: 27/01/22

Place: Belagavi

DR. RAMAKANT NAYAK

Dr. Ramakant Nayak

Principal

Maratha Wich Cerking. Hallow hipsed the of

Dental Sciences and Research Centre.

Belagavi-590010

Date: 27/01/22
Place: Belagavi

Dr. Ramakant Nayak

Principal

M.M.s. N.G. Halgekar Institute of Dental Sciences & Research Comm. Belagavi-590010.