

This is to certify that the dissertation entitled "COMPARISON OF 2MM 3D TITANIUM PLATES WITH 2MM CONVENTIONAL TITANIUM MINIPLATES IN MANDIBULAR ANTERIOR FRACTURES: A COMPUTED TOMOGRAPHIC STUDY' is a bonafide research work done by Dr. Asiya. m. kaladgi under the guidance of Dr. Neelakamal Hallur, Professor and HOD, Department of Oral & Maxillofacial Surgery.

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Place: Kalaburgi

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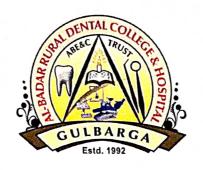
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This is to certify that the dissertation entitled "TO EVALUATE THE EFFECTIVENESS OF TOLUIDINE BLUE FOR OBTAINING SAFE MARGINS IN ORAL SQUAMOUS CELL CARCINOMA" is a bonafide research work done by Dr. Jeevan Tej-R S under the guidance of Dr. Syed Zakaullah, Professor, Department of Oral & Maxillofacial Surgery.

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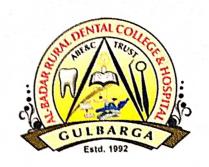
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PRINCIPAL Al-Badar Rural Dental College GULBARGA

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Place: Kalaburgi

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This is to certify that the dissertation entitled "TO EVALUATE THE EFFICACY OF CONE BEAM COMPUTED TOMOGRAPHY (CBCT) FOR DETECTION OF CRESTAL BONE CHANGES IN DENTAL IMPLANTS" is a bonafide research work done by Dr. Shakib I. Khan under the guidance of Dr. Aaisha Siddiqua, Professor, Department of Oral & Maxillofacial Surgery.

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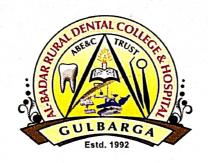
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This is to certify that the dissertation entitled "TO. EVALUATE STABILITY OF IMMEDIATE IMPLANT IN FRESH EXTRACTION SOCKETS OF MANDIBULAR POSTERIOR TEETH WITH PRF AND DEMINERALIZED BONE GRAFT" is a bonafide research work done by Dr. Saudagar Mohd Ziauddin under the guidance of Dr. Neelakamal Hallur, Professor and HOD, Department of Oral & Maxillofacial Surgery.

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Date: 11 11 16

Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore



"TO EVALUATE THE EFFICACY OF TENNISON-RANDALL TECHNIQUE FOR PRIMARY UNILATERAL COMPLETE CLEFT LIP REPAIR:-A PROSPECTIVE STUDY"

By

Dr. SHAIKH JUNAID AHMED

Dissertation submitted to the Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore, In Partial fulfillment of the requirement for the degree of

MASTER OF DENTAL SURGERY

In

ORAL AND MAXILLOFACIAL SURGERY

Under the guidance of **Dr.** Aaisha siddiqua

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2014-2017

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ENDORSEMENT BY THE HEAD OF THE DEPARTMENT, PRINCIPAL /HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "AGE ESTIMATION

USING PANORAMIC RADIOGRAPHY AND LATERAL CEPHALOGRAM - A

COMPARATIVE STUDY" is a bonafide and genuine research work carried out

by Dr. HUMERA AYESHA under the guidance of Dr. Syeda Arshiya Ara MDS

Professor, Department of Oral Medicine and Radiology.

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Date: 20 - 10 . 2016

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Rajiv Gandhi University of Health Sciences, Karnataka

DECLARATION BY THE CANDIDATE

I hereby declare that this dissertation/thesis entitled "A COMPARATIVE ANTI-MICROBIAL EFFICACY OF ROOT CANAL DISINFECTION USING CONVENTIONAL METHOD OF 3% SODIUM HYPOCHLORITE AND 17% EDTA WITH 0.25% HYDRO-ALCOHOLIC SOLUTION OF TURMERIC AND 7.5% HYDRO-ALCOHOLIC SOLUTION OF NEEM - AN IN VIVO STUDY" is a bonafide and genuine research work carried out by me under the guidance of Dr. RAVISANKAR D MDS, Professor & HOD, Department of Conservative Dentistry & Endodontics.

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ENDORSEMENT BY THE HEAD OF THE DEPARTMENT, PRINCIPAL/ HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "A COMPARATIVE STEREOMICROSCOPIC EVALUATION OF INCIDENCE OF DENTINAL DEFECTS AFTER ROOT CANAL PREPARATION USING THREE DIFFERENT FILE SYSTEMS AND TWO DIFFERENT OBTURATION TECHNIQUES-AN INVITRO STUDY" is a bonafide research work done by Dr. SYEDA ARJUMAND FATIMA under the guidance of Dr. RAVISANKAR D, Professor & HOD, Department of Conservative Dentistry & Endodontics.

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Date: 22/10/14

Place: Gulbarga

Rajiv Gandhi University of Health Sciences, Karnataka

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DECLARATION BY THE CANDIDATE

I hereby declare that this dissertation/ thesis entitled "DETERMINATION OF THE RELIABILITY AND SENSITIVITY OF MORPHOMETRIC CHARACTERISTICS OF THE FRONTAL SINUS USING CALDWELL VIEW AS AN ADJUVANT TOOL FOR GENDER IDENTIFICATION" is a bonafide and genuine research work carried out by me under the guidance of Dr. PARITA K. CHITRODA MDS, Professor, Department of Oral Medicine and Radiology.

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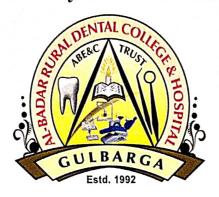
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ENDORSEMENT BY THE HEAD OF THE DEPARTMENT, PRINCIPAL /HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "TO EVALUATE THE CLINICAL EFFICACY OF ALOE VERA, AMLEXANOX AND TRIAMCINOLONE ACETONIDE IN THE MANAGEMENT OF MINOR RECURRENT APHTHOUS **STOMATITIS** RANDOMIZED DOUBLE-BLIND CLINICAL STUDY" is a bonafide and genuine research work carried out by Dr. KAPIL D. PAWAR under the guidance of Dr. GIRISH KATTI_{MDS} Principal, Professor & HOD, Department of Oral Medicine and Radiology.

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This is to certify that the dissertation entitled "DETERMINATION OF GENDER DIMORPHISM IN MANDIBLE AND CRANIA USING LATERAL CEPHALOGRAM, POSTERO-ANTERIOR RADIOGRAPH AND ORTHOPANTOMOGRAPH AMONG GULBARGA POPULATION-A DIGITAL RADIOGRAPHIC STUDY" is a bonafide and genuine research work carried out by Dr. MEHROZ AMENA under the guidance of Dr. GIRISH KATTI_{MDS} Principal, Professor & HOD, Department of Oral Medicine and Radiology.

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This is to certify that the dissertation entitled "MANDIBULAR ANTEGONIAL ANGLE AND ANTEGONIAL DEPTH DISTRIBUTION AND ITS RELATIONSHIP WITH AGE, SEX AND DENTITION - A PANORAMIC STUDY" is a bonafide and genuine research work carried out by Dr. UZMA ROOHI under the guidance of Dr. Syeda Arshiya Ara MDS Professor, Department of Oral Medicine and Radiology.

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Date: 14.10.16

Place: GULBARGA



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This is to certify that the dissertation entitled "EVALUATION" AND COMPARISON OF A CORONALLY ADVANCED FLAP ALONE AND IN COMBINATION WITH A PLATELET RICH FIBRIN MEMBRANE FOR THE TREATMENT OF MULTIPLE ADJACENT GINGIVAL RECESSIONS" is a bonafide research workdone by Dr. SUMA RAJAN under the guidance of Dr. SURESH Professor 1992 KUMAR KASAGANI. Head. and Department of

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This is to certify that the dissertation entitled "PERIODONTAL STATUS OF PATIENTS WITH AND WITHOUT METABOLIC SYNDROME IN GULBARGA CITY- A DESCRIPTIVE STUDY" is a bonafide research work done by Dr. RABIYA BASARI UPPIN under the guidance of Dr. GHOUSIA FATIMA, Professor, Department of PERIODONTICS.

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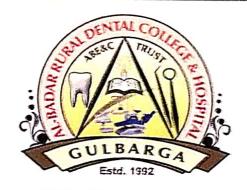
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Date: 20/10/16



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This is to certify that the dissertation entitled "EVALUATION & COMPARISION OF RESISTIN LEVELS IN GCF OF PATIENTS WITH CHRONIC PERIODONTITIS, TYPE2 DIABETES MELLITUS & OBESITY A CLINICO-BIOCHEMICAL STUDY" is a bonafide research work done by Dr. GEETA METAGE under the guidance of Dr. Suresh Kumar Kasagani,

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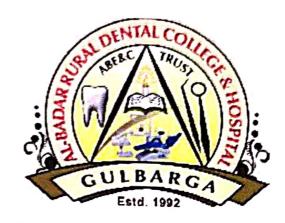
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CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled "A COMPARATIVE STUDY TO EVALUATE THE MECHANICAL PROPERTY OF NYLON DENTURE BASE MATERIAL, HEAT ACTIVATED DENTURE BASE MATERIAL AND CHEMICALLY ACTIVATED DENTURE BASE MATERIAL BY IMMERSION IN WATER AND DISINFECTANT-AN IN VITRO STUDY" is a bonafide research work done by Dr. VENKATESH BABU.D.B under my guidance in partial fulfilment of the requirement for the degree of Master of Dental Surgery in Prosthodontics, Crown & Bridge & Implantology.

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This is to certify that the dissertation entitled "EVALUATION OF STRESS DISTRIBUTION ON IMPLANT LENGTH AND DIAMETER"-A 3-D FINITE ELEMENT ANALYSIS is a bonafide research work done by Dr. MOHAMMED ATHEEQUR REHMAN PYARE under the guidance of Dr. SHARANBASAPPA C. NAGARAL, Professor and Head of the Department of Prosthodontics, Crown & Bridge & Implantology.

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This is to certify that the dissertation entitled "An evaluation and comparison of fracture resistance of the different types of ceramic brackets"- An In-vitro study is a bonafide research work done by Dr. IMRAN NIZAM PATHAN under the guidance of Dr. PRASAD KONDA MDS Professor, Department of Orthodontics & Dentofacial Orthopaedics.

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Date: 15/11/2016



This is to certify that the dissertation entitled "AN EVALUATION AND COMPARISON OF MYELOPEROXIDASE ENZYMATIC ACTIVITY DURING INITIAL ALIGMENT WITH DIFFERENT KINDS OF ORTHODONTIC ARCH WIRES OF THE SAME CROSS SECTION" is a bonafide research work done by Dr. MOHAMMED ABDUL SALEH under the guidance of DR. ASHOK KUMAR TALAPANENI MDS Professor, Department of Orthodontics & Dentofacial Orthopaedics.

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ENDORSEMENT BY THE HEAD OF THE DEPARTMENT, PRINCIPAL/ HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled "A COMPARISON OF

AND THREE-DIMENSIONAL DISTRIBUTION STRESS NASOMAXILLARYCOMPLEX OF ONDISPLACEMENT / APPLICATION OF FORCES USING QUAD-HELIX AND NICKEL TITANIUM PALATAL EXPANDER 2 (NPE2): A FEM STUDY" is a bonafide research work done by Dr. HAJRA GHAFOOR under the guidance of Dr. AVINASH KUMAR, Reader, Department of Orthodontics and

Dentofacial Orthopaedics.

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13/9/16 Place: Gulbarga

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This is to certify that the dissertation entitled "AN EFFECT OF INTERSEPTAL BONE REDUCTION ON THE RATE OF MANDIBULAR MOLAR MESIALIZATION" – AN IN VIVO SPLIT MANDIBULAR MOLAR MESIALIZATION" – AN IN VIVO SPLIT MOUTH STUDY" is a bonafide research work done by Dr. NISAR AHMED under the guidance of Dr. ARSHAD HUSSAIN, Reader, Department of Orthodontics and Dentofacial Orthopaedics.

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This is to certify that the dissertation entitled "A COMPARATIVE EVALUATION OF SIX DIFFERENT TECHNIQUES NAMELY SODIUM FLUORIDE, IONTOPHORESIS, GC TOOTH MOUSSE, DIODE LASER, DIODE LASER WITH SODIUM FLUORIDE AND DIODE LASER WITH GC TOOTH MOUSSE IN REDUCING DENTINAL HYPERSENSITIVITY- AN INVIVO STUDY." is a bonafide research work done by Dr. ASHWINI HAMBIRE under the guidance of Dr. RAVISANKAR D, Professor & HOD, Department of Conservative Dentistry & Endodontics.

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Date: 29/07/2017



This is to certify that the dissertation entitled "A COMPARATIVE EVALUATION OF 3- DIMENSIONAL OBTURATION USING THREE TECHNIQUES NAMELY: LATERAL CONDENSATION, DIFFERENT VERTICAL COMPACTION WITH BEFILL WARM THERMOMECHANICAL COMPACTION FOR UNFILLED AREAS AND VOIDS USING CONE BEAM COMPUTED TOMOGRAPHY. AN IN-VIVO STUDY" is a bonafide research work done by Dr. AHMED OMAR KHAN under the guidance of Dr. SHAILENDRA M. Professor, Department of Conservative Dentistry & Endodontics.

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Date: 29/07/2017



This is to certify that the dissertation entitled "A COMPARATIVE EVALUATION OF 3- DIMENSIONAL OBTURATION USING THREE TECHNIQUES NAMELY: LATERAL CONDENSATION, DIFFERENT VERTICAL COMPACTION WITH BEFILL WARM THERMOMECHANICAL COMPACTION FOR UNFILLED AREAS AND VOIDS USING CONE BEAM COMPUTED TOMOGRAPHY. AN IN-VIVO STUDY" is a bonafide research work done by Dr. AHMED OMAR KHAN under the guidance of Dr. SHAILENDRA M. Professor, Department of Conservative Dentistry & Endodontics.

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Date: 29/07/2017

Place: Kalaburagi

Date: 49/07/17.

This is to certify that the dissertation entitled "A COMPARATIVE EVALUATION OF SIX DIFFERENT TECHNIQUES NAMELY SODIUM FLUORIDE, IONTOPHORESIS, GC TOOTH MOUSSE, DIODE LASER, DIODE LASER WITH SODIUM FLUORIDE AND DIODE LASER WITH GC TOOTH MOUSSE IN REDUCING DENTINAL HYPERSENSITIVITY- AN INVIVO STUDY." is a bonafide research work done by Dr. ASHWINI HAMBIRE under the guidance of Dr. RAVISANKAR D, Professor & HOD, Department of Conservative Dentistry & Endodontics.

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Place: Kalaburagi

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This is to certify that the dissertation entitled "A COMPARATIVE STUDY TO ASSESS RISK OF ORAL CANDIDIASIS IN PREGNANT AND NON-PREGNANT WOMEN" is a bonafide research work done by Dr. SHAIMAA under the guidance of Dr. HEENA ZAINAB, Professor and Head of the Department, Department of Oral Pathology and Microbiology.

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This is to certify that the dissertation entitled "EVALUATION AND COMPARISON OF ALENDRONATE GEL WITH OR WITHOUT BIOACTIVE GLASS, IN THE TREATMENT OF INTRABONY DEFECTS" — A CLINICO RADIOGRAPHIC STUDY is a bonafide research work done by Dr. FARAH NAAZ SIRAJ under the guidance of Dr. GHOUSIA FATIMA, Professor & Head, Department of Periodontics.

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Place: KALABURAGI



This is to certify that the dissertation entitled "A COMPARATIVE EVALUATION OF THREE DIFFERENT FILE SYSTEMS NAMELY; MANI SILK, ONE SHAPE, PROTAPER NEXT FOR CANAL TRANSPORTATION AND CENTERING ABILITY USING CONE BEAM COMPUTED TOMOGRAPHY: AN IN VITRO STUDY," is a bonafide research work done by Dr. GULAM AHMED under the guidance of Dr. MASHALKAR SHAILENDRA, Professor & HOD, Department of Conservative Dentistry

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This is to certify that the dissertation entitled "A COMPARATIVE EVALUATION OF DYE LEAKAGE AROUND TWO DIFFERENT RETROGRADE FILLING MATERIALS, MTA & PORTLAND CEMENT USING TWO DIFFERENT ROOTEND PREPARATION TECHNIQUES NAMELY, CONVENTIONAL AND ULTRASONIC METHODS-A STEREOMICROSCOPIC STUDY." is a bonafide research work done by Dr. ABDUL ALEEM under the guidance of Dr. MASHALKAR SHAILENDRA,

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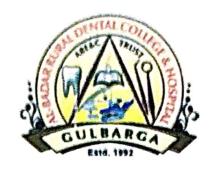
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Date: 21/12/18



This is to certify that the dissertation entitled "A COMPARATIVE ASSESSMENT OF RELIABILITY OF RUGOSCOPY, CHEILOSCOPY, AND MANDIBULAR CANINE INDEX IN SEX DETERMINATION" is a bonafide research work done by Dr. MOHAMMAD KHAJA MOINUDDIN under the guidance of Dr. HEENA ZAINAB, PROFESSOR & HOD, Department of ORAL PATHOLOGY AND MICROBIOLOGY.

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This is to certify that the dissertation entitled "COMPARATIVE EVALUATION OF THE EFFICACY OF 1% CRYSTAL VIOLET, 0.1% TOLUIDINE BLUE AND ROUTINE H & E STÄINS IN ASSESSING THE MITOTIC FIGURES IN DIFFERENT GRADES OF ORAL SQUAMOUS CELL CARCINOMA" is a bonafide research work done by Dr. SHAHNAAZ SABA under the guidance of Dr. HEENA ZAINAB, PROFESSOR & HOD, Department of ORAL PATHOLOGY AND

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MICROBIOLOGY.

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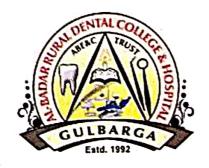
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Date: 3/12/18



This is to certify that the dissertation entitled "EXPRESSION OF CATHEPSIN K AND RANKL IN GINGIVAL CREVICULAR FLUID OF CHRONIC PERIODONTITIS." A CLINICO-BIOCHEMCIAL STUDY is a bonafide research work done by Dr. POOJA. G. BALTE under the guidance of Dr. ROOPALI TAPASHETTI MDS, Reader, Department of Periodontics.

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Al-Badar Rural Dental College & Hospital, Kalaburagi.

Date: 29/12/2018

Place: Kalaburagi

Date: 29/12/2018



This is to certify that the dissertation entitled "COMPARISON OF TREATMENT OF GRADE II FURCATION IN LOWER MOLAR TEETH USING CHORIONIC MEMBRANE WITH PERIOGLAS AND PERIOGLAS ALONE"-A CLINICO RADIOGRAPHIC STUDY" is a bonafide research work done by Dr. SYED MOINUDDIN QUADRI under the guidance of Dr. NEHA BHUTANI MDS, Reader, Department of Periodontics.

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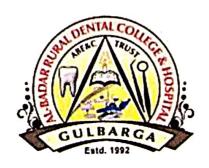
Dr. Girish Katti MDS

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This is to certify that the dissertation entitled "A COMPARATIVE EVALUATION OF STRESS DISTRIBUTION IN DIFFERENT BONE DENSITIES UNDER IMMEDIATE IMPLANT LOADING-A 3D FINITE ELEMENT ANALYSIS" is a bonafide research work done by Dr. JANAKI.K.T under the guidance of Dr. GHOUSIA FATIMA MDS, Reader, Department of Periodontics.

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Place: Kalaburagi

Date: 29/12/2018



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This is to certify that the dissertation entitled "COMPARATIVE EVALUATION OF THE SOLUBILITY OF 3 DIFFERENT CANAL SEALERS NAMELY MINERAL TRIOXIDE AGGREGATE, PORTLAND CEMENT, EPOXY RESIN BASED SEALER, IN 2 DIFFERENT SOLVENTS NAMELY XYLENE AND ENDOSOLV R AN IN VITRO STUDY" is a bonafide research work done by Dr. GLADSON SELVAKUMAR under the guidance of Dr. MASHALKAR SHAILENDRA Professor & Head of Department, Department Conservative Dentistry and Endodontics

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This is to certify that the dissertation entitled 'COMPARISON OF INTRACANAL CALCIUM HYDROXIDE, MINERAL TRIOXIDE AGGREGATE AND PORTLAND CEMENT TO INDUCE pH CHANGES IN SIMULATED ROOT RESORPTION DEFECTS IN HUMAN TEETH- AN INVITRO STUDY' is a bonafide research work done by Dr. SARITA BHANDARI under the guidance of Dr. MASHALKAR SHAILENDRA, Professor & HOD, Department of Conservative Dentistry & Endodontics.

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This is to certify that the dissertation entitled "RATE OF ACQUIRED IMMUNITY IN DENTAL STUDENTS AFTER HEPATITIS B VACCINATION-A CROSS SECTIONAL OBSERVATIONAL STUDY" is a bonafide and genuine research work carried out by Dr. AFROZ FATHIMA under the guidance of Dr. Syeda Arshiya Ara MDS Professor, Department of Oral Medicine and Radiology.

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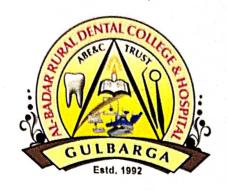
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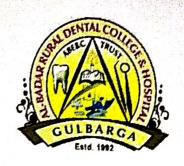
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This is to certify that the dissertation entitled "A COMPARATIVE EVALUATION OF TOOTH DISPLACEMENT BETWEEN BONE ANCHORED PENDULUM APPLIANCE, BONE ANCHORED DISTAL JET AND BONE ANCHORED FIRST CLASS APPLIANCE FOR MAXILLARY MOLAR DISTALIZATION-A 3D FEM STUDY" is a bonafide research work done by Dr.MD BABA FAREEDUDDIN under the guidance of Dr. AVINASH KUMAR, Reader, Department of Orthodontics and Dentofacial Orthopaedics.

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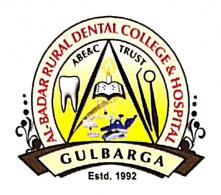
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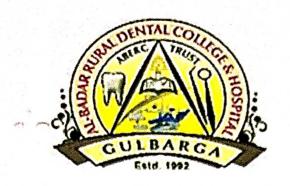
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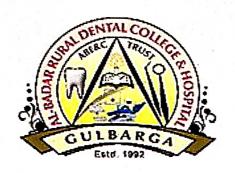
199 Al-Badar Rural Dental College & Hospital, Kalaburagi, Karnataka.

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Place: Gulbalga

Place: Gulburga



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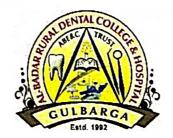
Kalaburagi, Karnataka

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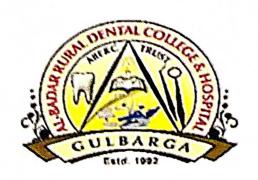
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ELSIN TINTO VARGHESE under the guid	ance of Dr. CHATTANYA KO	THARI MUS,
READER, Department of Oral & Maxillo	^f acialSurgery.	
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This is to certify that the dissertation entitled "COMPARATIVE EVALUATION OF SEALING ABILITY OF All PLUS, MTA FILLAPEX AND PORTLAND CEMENT IN TWO DIFFERENT MOISTURE CONDITIONS USING DYE LEAKAGE METHOD - A STEREOMICROSCOPIC STUDY". is a bonafide research work done by Dr. SYEDA ARSIIIA FATIMA under the guidance of Dr. SANGEETA KULKARNI, Reader, Department of Conservative Dentistry & Endodontics.

Seal and Signature of the HOD

Dr. MASHALKAR SHAILENDRA MDS

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