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This is to certify that Dissertation entitled "**COMPARISON OF BIOMECHANICAL IMPACT OF DIFFERENT CORTICOTOMY APPROACHES ON DENTOALVEOLAR STRUCTURES DURING MAXILLARY CANINE RETRACTION: A 3-D FINITE ELEMENT ANALYSIS**" is a bonafide research work done by **Dr. Baljinder Singh Jaura** under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopaedics) degree examination.

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Professor & Head,
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Place:

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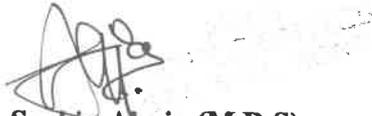


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This is to certify that Dissertation entitled "QUALITATIVE AND QUANTITATIVE EVALUATION OF ENAMEL SURFACE AFTER REMOVAL OF ORTHODONTIC COMPOSITE REMNANTS USING THREE DIFFERENT METHODS" is a bonafide research work done by Dr. Shobhit Singh under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopedics) degree examination.

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This is to certify that Dissertation entitled " A COMPARATIVE STUDY OF BIOMECHANICAL RESPONSES IN PERIODONTAL LIGAMENT AND ALVEOLAR BONE OF INCISORS AND MOLARS DURING SIMULTANEOUS INTRUSION AND RETRACTION OF MAXILLARY INCISORS USING VARIOUS METHODS: A 3-D FINITE ELEMENT ANALYSIS " is a bonafide research work done by Dr. Varun Ahuja under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopaedics) degree examination.

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This is to certify that Dissertation entitled “**EVALUATION OF ETCH PATTERNS AND BOND STRENGTH AFTER USING DIFFERENT ENAMEL CONDITIONERS AND DEPROTEINIZING AGENT: AN IN VITRO STUDY**” is a bonafide research work done by **Dr. Rohini Sharma** under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopaedics) degree examination.

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Place: *Sri Ganganagar*

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This is to certify that Dissertation entitled "**TORQUE LOSS IN EN-MASSE RETRACTION OF MAXILLARY ANTERIOR TEETH USING MINI-IMPLANTS AND ANTERIOR RETRACTION HOOKS AT DIFFERENT LEVELS: A 3-D FINITE ELEMENT ANALYSIS**" is a bonafide research work done by **Dr. Himanshu Kalia** under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopaedics) degree examination.

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This is to certify that Dissertation entitled "**TO ASSESS THE RELIABILITY OF LATERAL CEPHALOGRAM IN ANALYSING MAXILLARY ANTERIOR ALVEOLAR TROUGH WIDTH USING CONE BEAM COMPUTED TOMOGRAPHY**" is a bonafide research work done by **Dr. Ankit Goyal** under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopaedics) degree examination.

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This is to certify that Dissertation entitled "**THE EFFECT OF CORTICOTOMY ON CANINE RETRACTION: A SPLIT MOUTH DESIGN**" is a bonafide research work done by **Dr. Surbhi Sharma** under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopaedics) degree examination.

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This is to certify that Dissertation entitled " **A FINITE ELEMENT ANALYSIS OF BIOMECHANICAL EFFECTS ON TOOTH AND BONE DURING TRUE INTRUSION OF INCISORS AND MOLARS USING MINISCREWS** " is a valuable research work done by **Dr. Ankit Bharadwaj** under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopaedics) degree examination.

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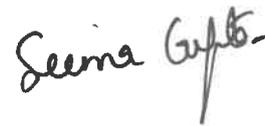
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Date: 25/10/2019

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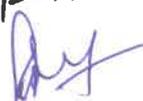
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This is to certify that the Dissertation entitled “**EXPRESSION OF TORQUE AND ITS EFFECT ON VARIOUS BIOLOGICAL STRUCTURES CAUSED BY VARYING ARCHWIRE MATERIAL: A 3D FEM STUDY**” is a bonafide research work done by **Dr. Ridhi Kothari** under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopaedics) degree examination.

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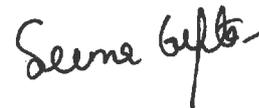
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Date: **25/10/19**

SIGNATURE OF CO-GUIDE:



Dr. Seema Gupta (MDS)

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This is to certify that the Dissertation entitled "COMPARATIVE EVALUATION OF NEWER REMINERALIZING AGENTS ON SURFACE ROUGHNESS & MICROHARDNESS OF TOOTH SURFACE AFTER INTERPROXIMAL STRIPPING: AN IN VITRO STUDY" is a bonafide research work done by Dr. Renu under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopaedics) degree examination.

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This is to certify that Dissertation entitled "**COMPARISON OF EFFECTIVENESS OF FURCATION, LOW LEVEL LASER AND PIEZOCISION IN RAPID EARLY RETRACTION**" is a bonafide research work done by **Dr. Akanksha Kataria** under the guidance and supervision in the partial fulfillment of the regulations laid down by **Shri Ganganagar University of Health Sciences, Jaipur** for **M.D.S. (Orthodontics and Dentofacial Orthopaedics)** degree examination.

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~ III ~

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This is to certify that Dissertation entitled "EVALUATION OF RATE OF ENMASSE RETRACTION OF MAXILLARY ANTERIOR TEETH USING HYCON DEVICE AND ITS EFFECTS ON SURROUNDING TISSUES: AN IN VIVO STUDY" is a bonafide research work done by **Dr. Hibu Dora** under the direct guidance and supervision in the partial fulfillment of the regulations laid down by Rajasthan University of Health Sciences, Jaipur for M.D.S. (Orthodontics and Dentofacial Orthopaedics) degree examination.

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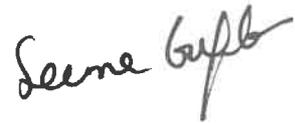
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