

## PROGRAM SCHEDULE

### Day 1: 09<sup>th</sup> March 2024

9:00-9:45 AM	Inauguration	LT-I
9:45-10:30 AM	High Tea	Cafeteria
10:30-1:00 PM	<b>Biomechanics Workshop</b>	E-classroom
10:30-1:00 PM	<b>Periodontics Lectures</b>	LT-I
1:00-2:00 PM	Lunch	Cafeteria
2:00-4:30 PM	<b>Biomechanics-Hands-on wire bending</b>	E-classroom
2:00-4:30 PM	<b>Live surgery &amp; Discussion</b>	OPD- 2 <sup>nd</sup> floor-A wing

### Day 2: 10<sup>th</sup> March 2024

9:00-1:00 PM	<b>Biomechanics Workshop</b>	E-classroom
10:00-1:00 PM	<ul style="list-style-type: none"> <li>• Endo-Perio: Current evidence</li> <li>• Live surgery &amp; Discussion</li> </ul>	OPD- 2 <sup>nd</sup> floor-A wing
1:00-2:00 PM	Lunch	Cafeteria
2:00-4:00 PM	<b>Biomechanics-Hands-on wire bending</b>	E-classroom



### Registration Fees

Category	Before 25 <sup>th</sup> Feb	After 25 <sup>th</sup> Feb
Fundamentals of Biomechanics	₹ 2500/-	₹ 3500/-
Endo- Perio Continuum	₹ 1500/-	₹ 2500/-

### Organizing Committee

Chief Patron	<b>Prof. Dr. Madhabananda Kar</b> Executive Director, AIIMS Jodhpur
Co Patron	<b>Prof. Dr. Shilpi Gupta Dixit</b> Dean Academics, AIIMS Jodhpur
Co Patron	<b>Prof. Dr. Deepak Kumar Jha</b> Medical Superintendent, AIIMS Jodhpur
Co Patron	<b>Dr. Tanuj Kanchan</b> Dean (Research), AIIMS Jodhpur
Organizing Chairman	<b>Dr. Pravin Kumar</b> Prof. & HOD, Dept of Dentistry
Organizing Secretary	<b>Dr. Vinay Kumar Chugh</b> Prof., Dept of Dentistry
Joint Organizing Secretary	<b>Dr. Ankita Chugh</b> Prof., Dept of Dentistry
Convener Scientific	<b>Dr. Kirti Chaudhry Dutt</b> Additional Prof., Dept of Dentistry

### Address for Correspondence

Room No. 208, A Wing, 2nd Floor, OPD Block,  
AIIMS, Basni Phase-II, Jodhpur

### Bank Account Details

Account No.	18720100023082
IFSC Code	BARB0INDJOD (Fifth Letter is Zero)
Account Name	Department of Dentistry Academics
Bank Name	Bank of Baroda, MIA Basni Branch, Jodhpur



### For Registration related Queries

Dr. Arunkumar D	8587867863
Dr. Navleen Bhatia	7568997105

Email: [aiims.dentistry.academics@gmail.com](mailto:aiims.dentistry.academics@gmail.com)

Click on the link for registration

[CLICK HERE](#)

\*Note:-

- 1) On the spot registration are subject to availability of seats
- 2) Fee inclusive of lunch and tea



All India Institute of Medical Sciences  
Jodhpur

10<sup>th</sup> CDE Program

**FUNDAMENTALS OF  
BIOMECHANICS  
&  
ENDO-PERIO  
CONTINUUM**

09<sup>th</sup> & 10<sup>th</sup> March, 2024

ORGANIZED BY

**Department of Dentistry**



## Dr. Vinay Kumar Chugh

BDS, MDS, MOrth RCS (Edin)

He has completed his graduation in 2003 and post-graduation in 2006 from the prestigious King George's Medical University, Lucknow. He completed his MOrth from prestigious Royal College of Surgeons of Edinburgh, UK in 2007.



He did his Postdoctoral Fellowship in Advanced Orthodontics from University of Connecticut Health Centre, Farmington, USA. His areas of interest are orthodontic biomechanics, surgical orthodontics, temporary anchorage devices, and orthodontic needs in children with craniofacial anomalies. He is currently working as Professor and Unit In-charge Orthodontics, Department of Dentistry, AIIMS Jodhpur, Rajasthan

## Dr. Harpreet Singh Grover

BDS, MDS

Completed his graduation in 1985 and post-graduation in 1988 from prestigious King George's Medical College, Lucknow. In 22 years of his teaching career, has served as Professor and Head, Dean Examination and Principal in various Dental colleges and associated universities.



He is the President-elect of Indian Society of Periodontology. He has more than 150 publications to his credit and He is on the Editorial board of Journal of Indian Society of Periodontology. He has given more than 50 invited guest lectures on various fora.

He is currently working as Professor and Head, Department of Dentistry at N.C. Medical College & Hospital, Panipat, Haryana.

## Dr. Ashutosh Dixit

BDS, MDS

He has completed his graduation in 1998 and received his masters in Periodontics in 2003 from prestigious King George's Medical College, Lucknow. A committed teacher, an avid researcher having numerous national and



international publications to his credit. He has a vast clinical experience of 20 years in all Periodontal procedures. He has been a post-graduate guide since 10 years. He has conducted numerous workshops and live surgical demonstrations. He is a member of Indian Society of Periodontology. His expertise in flap surgeries and implant surgeries is appreciated not only his patients but his students as well. He is currently working as Additional Professor at AIIMS Rishikesh.

### DAY 1: FUNDAMENTAL CONCEPTS OF BIOMECHANICS

- ❖ Force and Vectors & Trigonometric functions
- ❖ Parallelogram and Triangle Laws
- ❖ Resultant of Forces & Concurrent/Non-Concurrent Force System
- ❖ Centre of Rotation, Centre of Resistance
- ❖ Moment of Force and Moment of Couple
- ❖ Concept of Moment to Force Ratios
- ❖ Equivalent Force Systems & Equilibrium Force Diagrams & Newton's Laws

### DAY 2: ADVANCED CONCEPTS OF BIOMECHANICS

- ❖ Burstone Bracket Geometries
- ❖ Basics of V-Bend Force system
- ❖ Basics of One-Couple System
- ❖ Application of One-Couple System via First, Second and Third order Cantilevers
- ❖ Basics of Two-Couple Systems
- ❖ Force system of Torquing Arches, Utility Arches, Toe-In/Toe-Out Bends,
- ❖ T-Loop Biomechanics
- ❖ Biomechanics of Deep bite correction by Intrusion
- ❖ Clinical applications

## DISCOVERING PERIODONTOLOGY-LOVE AT FIRST SIGHT

## AMALGAMATING PERIODONTOLOGY WITH OTHER SPECIALITIES- A MARRIAGE MADE IN HEAVEN

### ENDO-PERIO LESIONS:

- Occurrence
  - Classification
  - Management options
  - Case discussions of successful management of earlier cases
- \*Most recent evidence and resultant variations in treatment planning

**LIVE SURGICAL DEMONSTRATIONS**