

## **PRECONVENTION HANDS ON COURSE-1**

**COURSE 1: MYOFUNCTIONAL APPLIANCES: Enhancing the skills**

**TIME: 9.00AM-1.00PM**

### **COURSE OUTLINE**

**✚ DIDACTICS:**

History, Principles of myofunctional appliances, Design considerations, Case selection and treatment planning, Controlled mechanotherapy, future strategies.

**✚ CASE PRESENTATIONS:**

Wide variety of cases will be shown.

**✚ VIDEOS:**

On Case selection, VTO, bite recording.

**✚ TABLE CLINICS:**

Various stages of appliance fabrication will be put up.

**✚ HANDS ON:**

Bite recording on Class II models

**✚ QUESTION ANSWER SESSION**

**✚ VALEDICTORY**

### **COURSE FACULTY:**

1. DR.TULIKA TRIPATHI
2. DR.SANDHYA MAHESHWARI
3. DR.PRIYANK RAI



Dr. Tulika Tripathi is Senior Professor and Head of Department of Orthodontics and Dentofacial Orthopaedics at **Maulana Azad Institute of Dental Sciences**, New Delhi.

Recipient of Dr N N Kapadia Gold medal in Orthodontics along with Certificates of Honour in other subjects during under graduation, Dr. Tulika Tripathi has served for more than thirty two years after completing her postgraduation (MDS) from King George's Medical College, Lucknow in 1986.

She has to her credit more than hundred National and International Scientific Publications along with contributions to books and Standard Treatment Guidelines.

She has been conferred the "State Award" by Government of Delhi for rendering meritorious services in the field of Health. She has been awarded the prestigious International Fellowship for Senior Bio-medical Scientists 2018-19 by Indian Council of Medical Research for training at Glasgow. She is a Recipient of 'Academician of the Year' Famdent Excellence in Dentistry Awards 2018.

Dr Tulika has undertaken training at Tokai University School of Medicine, Japan, conducted in collaboration with WHO and Japan International Co-operation Agency.

She has also been Awarded the "Dental Public Health Award 2011" for her publication in Journal of International Clinical Dental Research Organisation. She has received Dr. Neeta Bhagtani Award for Best Oral presentation (Clinical Innovation) at 50<sup>th</sup> Indian Orthodontic Conference. She was also conferred the IOS award for Best Poster presentation (Research) at 50<sup>th</sup> Indian Orthodontic Conference. Her publications have been awarded the IOS award for Best publication on clinical innovation and the IOS Award for Best Paper Published in Journal of Indian Orthodontic Society. She has been Awarded "Bitein Clear Path Award" for the Best Clinical Case.

An avid speaker she has presented scientific research papers at the Annual conferences of the American Association of Orthodontists held at Los Angeles, Washington and Hawaii, World Orthodontic Congress at London and Sydney and at International Oral and Maxillofacial surgery conference held at Durban alongwith delivering guest lectures, scientific papers and conducting workshops.

She has also undertaken and guided several extramural research projects awarded by UGC, CSIR and DHR .

**Fields of interest** : severe craniofacial anomalies including CLP, dentofacial orthopaedics and Skeletal Anchorage System .

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**Dr. Priyank Rai** is working as a Professor in post graduate department of Orthodontics and dentofacial Orthopaedics, Maulana Azad Institute of Dental Sciences, Government Dental College, New Delhi, India. He did his post graduation in Orthodontics from KGMC Lucknow, in 1998. Adjudged as the best MDS student (Orthodontics) and awarded ICDMERIT AWARD-1998 by the International College of Dentists. He is a Fellow of World Federation of Orthodontists, Fellow of International College of Dentists and Fellow of Pierre Fauchard Academy. He has obtained Post Graduate Diploma in Hospital & Health Management (PGDHHM) from IGNOU, 2002. He has written 70 scientific papers in many national and international journals. He has presented his scientific work at many forums like:

7<sup>th</sup> International Orthodontic Congress, Sydney, Australia,

8<sup>th</sup> International Orthodontic Congress, London, UK,

112<sup>th</sup> Annual Session of American Association of Orthodontists (AAO) in Honolulu, Hawaii, USA,

113<sup>th</sup> Annual Session of American Association of Orthodontists (AAO) in Philadelphia, Pennsylvania, USA,

118<sup>TH</sup> Annual Session of American Association of Orthodontists (AAO) in Washington DC, USA,

119<sup>TH</sup> Annual Session of American Association of Orthodontists (AAO) in Los Angeles, USA,

Most IDA, IOS national conferences and PG Conventions

He was an invited speaker at 49<sup>th</sup> IOC, Kolkata, 51<sup>st</sup> IOC, Goa and 52<sup>nd</sup> IOC, Jaipur.

His paper was adjudged as the 'best clinical poster' (1<sup>st</sup> prize) at 50<sup>th</sup> IOC, Hyderabad, 2015.

His paper was adjudged as the 'second best research paper (2<sup>nd</sup> prize) at 53<sup>th</sup> IOC, Kochi, 2018.

He has keen interests in functional jaw orthopaedics, cranio-facial deformities and skeletal anchorage systems.

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*Dr. Sandhya Maheshwari received her BDS & MDS Orthodontics degree from Faculty of Dental Science K.G.M.C. Lucknow with gold medal. She got Prof. K. P. Chaudhry Gold Medal, Vedavati Gold Medal, Amar Kashyap Bhargava award for international college of Dentist (India section) & A Pierre Faucherd Award in orthodontics from international college of Dentist (India section). She is presently working as Professor, Department of Orthodontics & Dental Anatomy, Dr.Z.A.Dental College Aligarh Muslim University Aligarh with teaching experience of 24 years. She was awarded fellowship of world federation of Orthodontics, Pierre Faucherd Academy & International college of Dentist. She is the life member of Indian Society of Orthodontics, International & Indian Society of dental research, Indian Society of cleft lip Palate & craniofacial anomalies & also the member of Indian Dental Association, She has published more than 80 scientific papers in various national & International journals.*

*She is regularly delivering lectures in various national and international Conferences. She got Best Paper award in Orthodontics presented at 53rd IDA conference for her research work. She has been the member of academic council and university court of AMU, Aligarh. She has been the expert for selection committee at various universities & DCI inspector for years.*