



Armamentarium to be brought by participants

### **Mandatory**

- Tweed Ribbon arch plier - 2 nos.
- Bird beak / Light wire plier — 1 no.
- Heavy wire cutter — 1 no.
- Turret — Standard (non-torque) — 1 no.
- Permanent marker- fine tip — 1 no.
- Glass slab / plate — 1 no.
- Metal Scale — 1 no.
- Protractor — 1 no.
- 0.016" X 0.022" Blue Elgiloy/SS straight length -2 pre formed-4
- 0.017" X 0.025" SS straight length-2
- 0.017" X 0.025" TMA Straight length-2
- 0.019" X 0.025" SS Straight length-5
- 0.019" X 0.025" SS Preformed- 2
- 0.019" X 0.025" TMA Preformed -2
- Ligature wire 0.009" or 0.010"- Spool
- Ligature modules

### **Recommended**

- Typodont (acrylic teeth) with 022 brackets (5 to 5), UT / LD molar tubes and lingual sheaths on first molar bands — Class II Div1 Setting
- Weingart utility plier — 1 no.
- Howe plier — 1 no.
- Pin and ligature cutter — 1 no.
- Ligature Tucker — 1 no.
- Torquing plier with keys — 1 set.

**All mentioned materials are to be brought by delegates compulsarily**

## **ORGANIZING COMMITTEE**

### Program Advisors

<i>Prof. Dr T. K. Saha</i>	<i>Director , GNIDSR</i>
<i>Prof. Dr R. R. Paul</i>	<i>Deputy Director, GNIDSR</i>
<i>Prof. Dr. T. K. Pal</i>	<i>Principal , GNIDSR</i>
<i>Prof. Dr. Samarendra Ray</i>	<i>HOD, Dept. of Orthodontics &amp; Dentofacial Orthopedics, GNIDSR</i>

Organizing Chairman:	Prof. Dr. Tamal Kanti Patra
Organizing Secretary:	Prof. Dr. Prasenjit Banerjee
Scientific Convenors:	Dr. Soumo Mitra
Convenor Inauguration:	Dr. S. Venkat Narayan
Treasurer:	Dr. Kumari Rupam
Accommodation & Transportation:	Dr. Subhas Seth

### COURSE FEES:

Lecture and Hands on: IOS SLM: Rs 3500/-, IOS LM: Rs 5000/-  
Lecture only for Faculty: IOS LM : Rs 1500/-

Includes breakfast lunch and high tea for two days and one banquet. Seats limited to 40. Registration on the basis of first come first served.

Bank Name : SBI BANK  
Address : Gurunanak College Campus, 180/f, Nilganj Road, Kolkata ,West Bengal 700114

Account Name: ORTHODONTIC CDE GNIDSR

Account No : 36547517055

IFSC Code : SBIN0016642

Branch Code : 016642

For registration and accommodation call:

Dr. Kumari Rupam 9163929740

Dr. Goldy Lakar 8420311588

Accommodation subject to availability.

### CONTACT:

ORTHODONTIC CDE GNIDSR,  
DEPT. OF ORTHODONTICS AND DENTO-FACIAL ORTHOPEDICS  
7TH FLOOR,  
GURUNANAK INSTITUTE OF DENTAL SCIENCES AND RESEARCH,  
157/F NILGUNJ RD. PANIHATI, KOLKATA —700114  
E-mail: orthocde@gmail.com

## **"CONTEMPORARY EDGEWISE AND SEGMENTED ARCH MECHANICS" - A HANDS ON COURSE**

*For IOS students and life members only*

Conducted by: ORTHODONTIC CDE GNIDSR  
Dept. of Orthodontics & Dento-Facial Orthopedics  
Guru Nanak Institute of Dental Sciences & Research.  
Kolkata



**Date: 2nd & 3rd March 2017**

Venue:  
Guru Nanak Institute of Dental Sciences & Research  
157/F Nilgunj Rd. Panihati, Kolkata, West Bengal

**12 credit points**

## “Contemporary Edgewise and Segmented Arch Mechanics”

**Course Director:-**  
**Dr. Balasubramanian Madhan**  
**MDS,PGDHM,MSc,MA**  
**Add. Prof. & Head,**  
**Faculty of Dentistry,JIPMER,**  
**Puducherry**



### ABOUT THE COURSE DIRECTOR

Dr. Balasubramanian Madhan graduated in Dentistry with a gold medal from Government Dental College, Pondicherry in 1998. He completed his Masters in Orthodontics and Dentofacial Orthopedics in 2001 from the prestigious All India Institute of Medical Sciences, New Delhi. He also holds a Postgraduate Diploma in Hospital Management, M. Scin Applied Psychology and M.A in Sociology.

He has taught many CDE Courses in Orthodontics at both National and zonal levels and has published widely in many international and national journals. He is an Editorial board member / peer reviewer of nearly nine Indian and international journals. His interests include Orthodontic Biomechanics, Functional jaw Orthopedics, Dental Education, Computers and Biostatistics. Currently, he is serving as Additional Professor and Head, Faculty of Dentistry, Jawaharlal Institute of Postgraduate Medical Education and Research, Puducherry.

## COURSE SCHEDULE

Day 1 TIME : 10.00 AM to 6.00 PM	
Session 1	
Inaugural session	
Lecture	Edgewise appliance systems - Evolution and contemporary scenario
Discussion	Interactive session
Demo	Arch forming with Turret First order bends Second order bends Third order bends
Refreshment break	
Hands-on	Arch forming with Turret First order bends Third order bends
Lunch break	
Session 2	
Lecture	Genuine intrusion mechanics
Discussion	Interactive session
Demo	Burstone Intrusion Arch 3 Piece Intrusion Arch Utility arches
Break and photo session	
Hands-on	3 Piece Intrusion Arch Utility Arches (Catch-up session inclusive)

Day 2 TIME : 9.00 AM to 6.00 PM	
Session 1	
Lecture	Retraction Mechanics
Discussion	Interactive session
Demo	Canine retraction springs -- T spring, PG spring, Rickett's K-SIR arch wire T loop Retraction Archwire ( Continuous)
Refreshment break	
Hands-on	T spring, PG spring K-SIR arch wire
Lunch break	
Session 2	
Demo	15 Popular Orthodontic loops
Hands-on	Orthodontic loops
Refreshment break	
Demo	Removable TPA and Lingual arch
Brainstorming and Feedback	