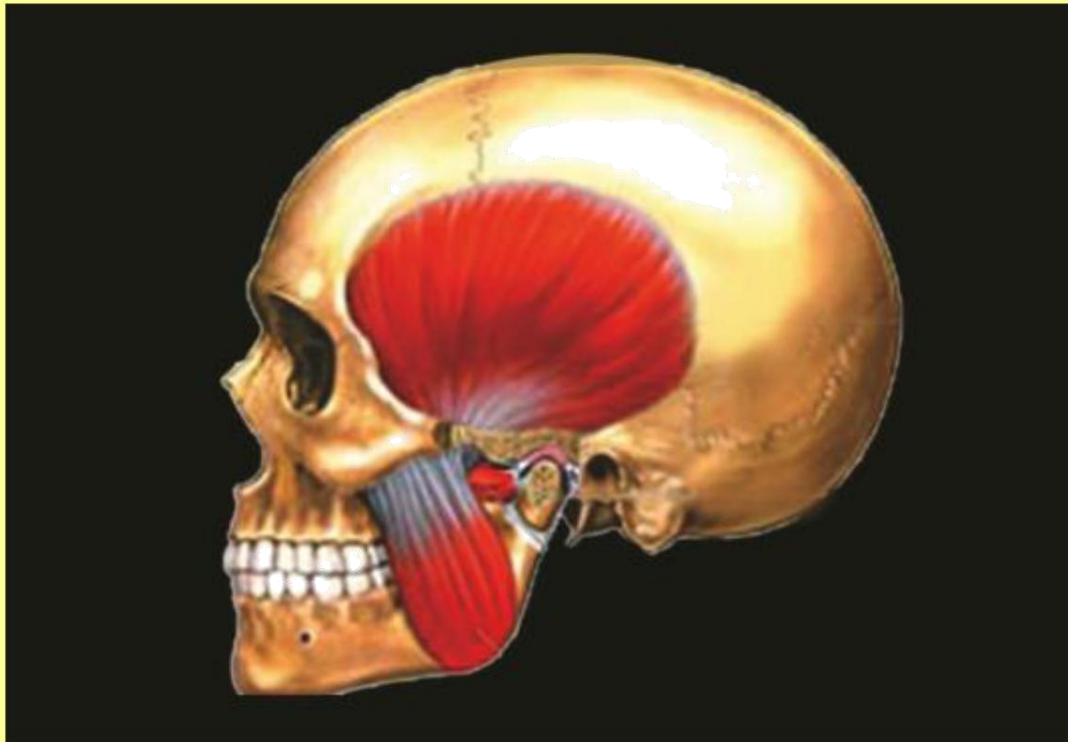




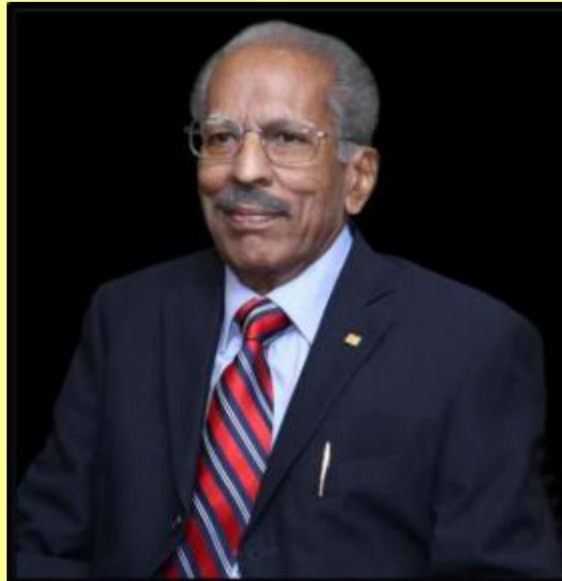
**DEPARTMENT OF PROSTHODONTICS AND CROWN & BRIDGE AND
ORAL IMPLANTOLOGY**

A. B. SHETTY MEMORIAL INSTITUTE OF DENTAL SCIENCES
(A Constituent College of NITTE-Deemed to be University)

(Under section 3 of UGC Act, 1956 – Placed under category 'A' by MHRD, Govt. of India and NAAC)



**CLINICAL TRAINING PROGRAMME IN
MANAGEMENT OF TEMPOROMANDIBULAR
DISORDERS**



“Present day students are tomorrow’s teachers and there is a need to update them on the basic principles, as they have the great responsibility to pass this knowledge to their students”

**Prof. (Dr.) E. G. R Solomon. MDS.,
Dr. Med dent (Germany)., FDS – RCPS (Glasg).
03.10.1937 - 16.09.2017**

Management of Temporomandibular dysfunction contrary to general thinking would be relatively simple if one understands the function and Patho-physiology leading to disorder. This certificate course pivots around examination, interpretation of various signs and symptoms, diagnosis and evidence based approach to current trends in management of TMD. It also provides insight into study of occlusion, biomechanics of centric relation, mandibular movements and their influence in maintaining harmony of Stomatognathic system. It includes hands on exercises in making centric and eccentric relation records, programming of articulators, identifying occlusal interferences, prescription and interpretation of imaging modalities, delivery of physical therapy, making of occlusal splints and other conservative treatment modalities in management of Temporomandibular disorders.

COURSE OBJECTIVES:

- Understanding of Functional Anatomy and Patho-physiology of Temporomandibular Disorders.
- To develop skill in Examination, Evaluation and Treatment Planning of Temporomandibular Disorders.
- To familiarize with imaging modalities.
- To update with actuate of face bow and to employ programming of Semi Adjustable Articulators.
- To get acquainted with the knowledge of Physical therapy modalities.
- To get trained with the fabrication and use of Oral Appliances

COURSE OUTLINE

Lecture: Series of Lecture will be conducted on understanding of Functional Anatomy, diagnosing and treatment planning of Patho-physiology of Temporomandibular disorders, biomechanics of Stomatognathic system, face bow, articulators and to acquire knowledge about the physical therapy modalities and fabrication and clinical utilization of oral Appliances.

Hands on: Practical hands on use of various types of Face Bow's along with transfer of Orientation Relation and Programming as well as use of different types of Semi Adjustable Articulators. Recording of centric relation position and identifying occlusal interferences, Examination and diagnosing of Temporomandibular disorders, fabrication of stabilizing and anterior repositioning splints.

Live Demonstration: Demonstration on jaw tracking devices, use of fully adjustable articulators.

SCOPE & LEARNING OUTCOME:

- Understand Patho-physiology of Temporomandibular Disorders.
- Able to arrive at tentative Diagnosis of disorders
- Will be able to prescribe appropriate imaging modalities
- Will be able to use Face Bow and programme the Semi- Adjustable Articulators
- Will be able to prescribe appropriate treatment modality
- Understand and evaluation of Occlusion.

COURSE CONTENTS

LECTURES

1. Functional Anatomy and Biomechanics
2. Etiology of Temporomandibular Disorders
3. Masticatory muscle disorders
4. Intra capsular disorders
5. Orofacial pain
6. Occlusion and its significance in TMD
7. Evaluation of Occlusion
8. Occlusal interference and equilibration
9. Classification of TMD
10. History and Examination of TMD
11. Imaging modalities in TMD
12. Introduction, Importance and programming of semi adjustable articulator
13. Transfer of Orientation relation
14. Recording of Centric Relation
15. Treatment modalities in TMD and evidence of their effectiveness
16. Physical therapy in treating TMD
17. Occlusal appliance therapy
18. Surgical management options in TMD
19. Arthrocentesis
20. Introduction to fully adjustable articulator
21. Introduction to jaw tracking devices

HANDS ON CLINICALS EXERCISES AND DEMONSTRATIONS

1. Recording of orientation relation
2. Transfer of orientation relation
3. Mounting of maxillary and mandibular cast on semi adjustable articulator
4. Making eccentric inter occlusal record
5. Programming of semi adjustable Articulator
6. TSCAN & Evaluation of occlusion
7. Preparation and use of Lucia Jig
8. Recording of centric relation using Lucia Jig
9. Recording centric relation using Bimanual Manipulation Technique
10. Mounting of mandibular cast in centric relation
11. Identification of occlusal interferences
12. Occlusal equilibration
13. Examination and evaluation of TMD case
14. Evaluation of TMJ imaging
15. Making of centric stabilization occlusal appliance
16. Delivering physical therapy modalities
17. Making anterior repositioning appliance
18. Demonstration of use of jaw track device
19. Demonstration of use of fully adjustable articulator
20. Use of leaf gauge

*** Participants will be provided with Materials, Instruments and Semi Adjustable articulator to work.**

FACULTY

Institutional Head : Prof. (Dr.) U.S. Krishna Nayak, Principal/ Dean,
A. B. Shetty Memorial Institute of Dental Sciences

Programme Director : Prof. (Dr.) Chethan Hegde,
Prof. & Head, Dept. of Prosthodontics

Course Advisor : Prof. (Dr.) N. Sridhar Shetty
Director, CADSS

Prof. (Dr.) Manoj Shetty
Prof. (Dr.) Krishna Prasad D.
Prof. (Dr.) Vinaya Bhat
Prof. (Dr.) Subhash Babu
Prof. (Dr.) Vikram Shetty
Prof. (Dr.) Rakshith Hegde
Dr. Sowmya M.K.
Dr. Shilpa Dandekeri
Dr. Bharathraj Shetty
Dr. Shruthi Hegde

Dr. Aashritha Shenava
Dr. Sajni Rai
Dr. Anupama Prasad D.
Dr. Nirupama R.
Dr. Ganaraj Shetty
Dr. Lakshmi Ramesh
Dr. Vidya Ajila
Dr. Padmaraj Hegde

DETAILS OF THE COURSE:

Duration	:	3 Days
Eligibility	:	Dental Surgeons with B.D.S. /M.D.S. Degree
No. of Admission	:	10
Method of Teaching	:	Tutorials Demonstration Hands on Clinical Exercises.

1. CERTIFICATION:

On completion of the course, certificates will be awarded by A.B. Shetty Memorial Institute of Dental Sciences.

2. COURSE FEE: 15,000/- INR

3. ACCOUNT DETAILS:

ACCOUNT NAME:	ABSMIDS NU
ACCOUNT NO:	02452200031420
RTGS/IFSC CODE:	SYNB0000245
SYNDICATE BANK	
ABSMIDS BRANCH	

For Further Details:

Contact: Dr Ganaraj Shetty +91- 9880541104

Email id: tmdcertificate@nitte.edu.in

DATE OF COMMENCEMENT OF COURSE: 17th to 19th February 2020

LAST DATE OF REGISTRATION: 10th February 2020