



M.Sc. in Facial Aesthetics & Cosmetology

Duration: 2 years

Eligibility: Open to candidates with MBBS, MD, MS, BDS, MDS, BAMS, BHMS degree from recognized institutions



GOALS:

The goal of this program is to produce competent Facial Aesthetics and / or teachers who shall be,

1. Able to diagnose the situation and provide proper treatment
2. Knowledgeable in various AESTHETIC techniques
3. In position to repair & restore the lost structure to maintain harmony between both the hard and soft tissues of the oral cavity and facial structures
4. Knowledgeable in the available materials
5. Skillful to execute the treatment
6. Able to assess the predictable long term results.
7. Able to manage complications which may arise after Treatment

OBJECTIVES

This course must enable the student

1. To replace lost natural structures
2. To restore functional ability, esthetics
3. To maintain patients health
4. To educate the patient the importance of esthetics
5. To acquire knowledge from historical perspective to advancement in the subject proper and related topics.



6. To develop effective human approach skills
7. To enhance their diagnostic, surgical and restorative skills to disseminate the acquired scientific knowledge of all procedures

PARTICIPATION IN VARIOUS ACADEMIC ACTIVITIES

JOURNAL REVIEW MEETINGS: Minimum of 5 journal reviews by each candidate

SEMINARS : Minimum 5 seminars by each candidate

PARTICIPATION: Minimum 2 Conferences or Interdepartmental meetings to enhance knowledge Oral and Maxillofacial surgery, Facial Aesthetics Prosthodontics, Periodontics and Radiology, Dermatology

CLINICAL DISCUSSION: All the clinical cases require clinical discussion which maybe brief or long.

OTHER ACTIVITIES: Basic Computer training and Photography.



SYLLABUS

THEORY

FUNDAMENTALS

- Introduction and history of Facial Aesthetics & Cosmetology
- Oral anatomy and histology
- Maxilla and mandible-osteology, muscle attachments, blood supply and nerve supply and age changes
- Maxillary sinus
- Temporomandibular joint
- Mastication and occlusion
- Dental / Medical anatomy
- mucosa, / Epithelium - significance
- Periodontal tissues
- SCALP
- Body anatomy
- Skin
- Concept of STEM CELLS
- LASERS
- SCAR Removal , surgical , non surgical
- blood & blood derivatives
- Tricology
- Nutrition
- Chemical peel

SKIN / Facial tissue in health and disease

- Structure
- anatomy
- histology
- physiology
- biochemistry



Defense mechanism of Body

Biomaterials

- Instrument
- Augmentation materials

Sterilization and asepsis

- General considerations
- Surgical room
- Sterilization protocol
- Pre operative procedures
- Pre medication

AUGMENTATION

- SURGICAL / NON SURGICAL

FACE LIFT

- FILLERS
- BIOFILLERS
- THREADS
- BLOOD DERIVATIVES
- IMPLANTS

BOTOX

- Serotypes

MICRODERMA -

- POWDER
- DIAMOND ABRASION



CHEMICAL PEEL

- FACIAL PEEL
- BODY PEEL

TRICOLOGY

- HAIR TRANPLANT
- IMPLANTERS
- BIOFIBERS

STEM CELLS

- CELL PROCESSOR
- DELIVERY SYSTEM

CLINICAL ASPECTS

1. Clinical assestment and case selection
2. Patient screening and medical evaluation
3. Indications and contra indications
4. Special emphasis on
 - Systemic disease
 - Smoking
 - Steroid therapy
 - Irradiation
 - Alchohol abuse
 - SKIN Disease
5. Examination of Facial structures
6. Assestment of existing condition
7. hygiene status
8. skin
 - Type and classification
 - Soft tissue and bony evaluation
9. Intermaxillary space evaluation
10. Determination of prognosis



11. Radiological assessment

- Photograph

DIAGNOSIS AND TREATMENT PLANNING

1. Indications and contra indications
2. Diagnosis
3. Medical history
4. Dental history
5. Oral examination
6. Anatomical limits of treatment
7. Radiographic examination
8. Skin analysis
9. Additional bone evaluation

SURGICAL ASPECTS

FACE LIFT
TATTO REMOVAL
RHINOPLASTY
BREAST IMPLANTS

ADJUNCTIVE SURGICAL PROCEDURES

1. Soft tissue grafting
2. Bone grafting
3. Combination of Fillers ,threads in Dental treatment

REGENERATIVE THERAPY

FUTURE CONSIDERATIONS

MEDICO-LEGAL ASPECTS AND INFORMED CONSENT



PRACTICALS

1. Identify and name various Instruments and components
2. Education and training in various procedures
3. IN-VITRO / IN-VIVO procedures
4. Fillers, Botox, Threads, PRP placement
5. Lab techniques
6. LASERS
7. MICROPIGMENTATION

CLINICALS

1. Evaluation of the patients medical status
3. Diagnostic imaging and radiographs
4. Sterilization of
 - instruments
 - surgical atmosphere
 - techniques of washing and draping the patient

PRE-CLINICAL WORK-

SURGIAL PHASE-

1. Injection techniques on models



2. Raising of flaps on models
3. Suturing techniques on models
4. Surgical placement of implants on dummies using various systems
5. Radiographic assessment –OPG, CT scan

Augmentation PHASE-

1. Mock preparation
2. Injection technique
3. Various components (identifying)
4. lasers

LOG BOOK MAINTAINANCE

Serial	Titles
1.	Instrument list
2.	Preclinical Work
3.	Clinical case record
4.	Academic presentations
	Seminars Presented
	Scientific Papers and Posters Presented
5.	Academic Activities Attended
	Seminars Attended
	Journal Clubs Attended
	Conferences, Workshops and CDE Programmes
	Certificates of Conferences Attended
6.	Photographic documentation of cases



EXAMINATION AND MARKS DISTRIBUTION

THEORY- 100 marks

1st year

Paper 1 Applied Anatomy and Basic Surgical Skills

Paper 2 : Diagnosis and Treatment planning

2nd year

Paper 1 : surgical vs non surgical procedures

Paper 2 : Advance treatment

Short answers: 20x5=100 marks

PRACTICALS:

1. Case presentations-75 marks

2. Viva voce-25 marks

Professors who are actively involved in post graduate training program are eligible to conduct examination:

Programs will be conducted Module wise.

Passing marks: Theory+ viva = 50%

Practicals = 50%



LIST OF ESSENTIAL JOURNALS:

1. International journal of oral and maxillo facial
2. Journal of Aesthetics
3. Journal of Dental / medical research
4. Quiescence International
5. Other journals related to specialties of Oral Surgery, dermatology, Periodontics and Radiology