CURRICULUM

2nd, 3rd, & 4th Semester

DIPLOMA COURSE

DENTAL TECHNOLOGY

Bungalow No.86/D-5 Abdara Road University Town, Peshawar.
Phone No.091-9216008 Fax No 091-9218630
Website: www.kpmf.edu.pk Email: info@kpmf.edu.pk
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Duties & Role of Dental Technologist

- Preparation of Surgical Procedures & Layout of Instruments & Equipments for Dental procedures
- Routine Maintenance of Equipments & Instruments
- Assisting at the Chair Side during Dental Procedures (Four handed Dentistry)
- Dental Ethics, Rules & Regulation of Health Services
- Recording & Chairing including Medical & Dental History under instructions of Dental Surgeon

Reception, Clerikal, Secretarial & Administratorative Duties

- Reception of Patients & Arranging Appointments
- General Supervision of Clinics & Maintenance of Dental Unit
- Filling & Maintenance of Patients Records
- Correspondence of Dental Supplies, Keeping & Ordering Supplies
- Knowledge of Dental Clinics, Law Relating to Dentistry
2nd Semester (Theory)

Time: 190 Hours

Paper A Anatomy

Paper B Physiology

Morphology of Tooth & its Developments

- Deciduous & Permanent Dentition
- Tooth eruption & Shedding
- Enamel, Dentine, Pulp, Cementum, Periodontium
- General Features of Head & Neck
- Surface Feature of Oral Cavity
- Salivary Gland
- Tangle
- Muscles of Facial Expression
- Muscles of Mastication
- Skull, Maxilla & Mandible (Introduction)
- Cranial Nerves (Introduction)
- frown Muscles of Head & Neck (Introduction)
- Lymphatic drainage of head and neck introduction
3rd Semester

Paper A oral Pathology & Pharmacology –I
Paer B community Dentistry with minor oral surgery

Oral Pathology & Oral Medicine

- Disorders of Development of Teeth
- Dental Caries
- Disorders of Dental Pulp
- Periodical Periodontitis
- Cyst of Jaws & Oral Soft Tissues
- Diseases of Periodontium
- Tumors
- Oral Alteration
- Infection of Oral Muscles
- Diseases of Temporomandibular Joints

Community Dentistry

Minor Oral Surgery

- The Extraction of Teeth
- Pre & Post Operative Care & Instructions
4th Semester

Paper A Oral pathology & Pharmacology –II
Paper B Applied Dentistry

Oral Pathology & Oral Medicine

- Oral Aspects of Systematic Disorder
- Facial Pain
- Allergy & Its Significance in Dentistry
- Sterilization & Disinfection

Dental Pharmacology & Chemistry of Dental Materials

- Teaching & Learning Lectures
  - Discussions, Charts, Diagrams, Models, Students to Draw Diagram
- Evaluation
  - Essay Type & Viva

Anaesthesia

- Local Anaesthesia
- Pre Indication
- Hazards of Local Anaesthesia

Conservation

- Introduction to Filling Materials
- Filling Materials (Types)
- Crown Bridge Work

Prosthodontics

- Introduction to Modern Prosthodontics
- Partial Dentures
- A Brief Outline of various Techniques & Procedures used in Modern Prosthodontics
Teaching/Learning

✓ Lectures
✓ Models
✓ Demonstration of Patients

Evaluation

✓ Essay Types & Viva

Operative Dentistry

➤ Inlays Crown Bridge Works

Radiology

➤ Techniques of Dental Radiography
➤ Orthopantography, Ophthalmology etc
➤ Composition & Types of X-Ray Films
➤ Hazard of Radiation & Safety Precautions

Periodontology

➤ A Brief Introduction to the Subject, Common Disease

Teaching/Learning

✓ Lectures
✓ Models
✓ Demonstration on Patients

Evaluation

✓ Essay Types & Viva
Practical & Clinical Work

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Teaching/Learning

- Demonstration on Patients & Models
- Demonstration on Dental Laboratory Procedures
- Students to do Dental Laboratory Procedures
- Students are not required to work on Patient, but they must Observe & see all Dental Surgical Procedures. They are required to know Dental Laboratory Procedures.
- Clinical Work for Minor Oral Surgery & Operative Dentistry should be arranged at LRH, Peshawar.
- Clinical Work for Maxillofacial Surgery, Prosthodontics & Orthodontics should be arranged at KCD, Peshawar.
- Radiology for 2nd Semester at LRH, Peshawar & for 3rd Semester at KCD, Peshawar.
- Private Sector would be consulted for the Laboratory Procedure of Crown & Bridge Work.
- Teaching Staff be made available from Govt: LRH & KCD, Peshawar.
- Anesthesia Technique will be taught with Minor Oral Surgery.
- Practical Clinical Work Relating to Periodontology will be cover with Operative Dentistry
- Paediatric Dentistry will be introduced with all the subjects concerning children problems

Evaluation

- Viva Voca