

**ORTHOPAEDICS (M.S.)  
POST GRADUATE DEGREE STANDARD**

1. Applied Basic Sciences concerned with Orthopaedics.
2. General Surgery as related to Orthopaedic Surgery
3. Paediatric Orthopaedics including congenital deformities and poliomyelitis
4. Adult Orthopaedics including Orthopaedic Pathology; Tuberculosis and Bone Tumors.,
5. Traumatology:
  - a. Soft tissue injury, Vasular injuries and nerve injuries - compartment syndromes.
  - b. Bone and Joint injuries Acute and old, including Non-Union and other complications.
  - c. Poly - Trauma - Mass casualties planning and management and various Trauma Scales.
6. Hand and Hand Surgery
7. Spine, Spinal Cord injuries and Spine Surgery.
8. Physical medicines and Rehabilitations including occupational Therapy, electrodiagnosis, Electromyography Total concept of Amputations - and concept of Total Rehabilitations ; Prosthetic and Orthotics.
9. Preventive Orthopaedics (Osteoporosis, Road Traffic Accident (R.T.A) Poliomyelitis etc.,
10. Medical Ethics as applied to Orthopaedics.
11. Recent advances in Orthopaedics
  - a. ARTHROSCOPY ARTHROSCOPIC (SURGERY )
  - b. JOINTS REPLACEMENT
  - c. SPINE SURGERY
  - d. CT SCAN, M.R.I SCAN, BONE SCAN PET SCAN.
  - e. BONE BANK

**ORTHOPAEDIC BOOKS FOR REFERENCE  
(Latest Editions)**

1. Apleys System of Orthopaedics and fractures Author: Louis Soloman David

2. Orthopaedic Principles and their applications Author: Samvel Turek.
3. Campbell's Operative Orthopaedics Author : Terry Canale
4. Fractures in Children and adult Author : Rockwood and Green
5. Chapman's Orthopaedic Surgery Author : Michael W. Chapman
6. Mercer's Orthopaedic Surgery Author : Robert B Duthie  
George Bentiley.
7. Text Book of Orthopaedics Author: John Ebenzer
8. Tachdjians Paediatric Orthopaedics Author : John Anthony Herring
9. Watson and Jones Fractures and joint injuries Author : J.N. Wilson
10. Paediatric Orthopaedics and Fractures Author: W.G.W. Sharrard.
11. Greens Operative Hand Surgery Author : Green
12. The Adult and Paediatric Spine Author : John W.FRYHEYER
13. Orthopaedic Disease Author: Aegetera and Kirkpatrick
14. Bone Tumours Author : Andrew G. Huros
15. Spine Author : James Cyriax

#### Journals

- a. Journal of Bone and joint Surgery (American and British Volumes)
- b. Orthopaedic Clinics of North America
- c. Indian Journal of Orthopaedics
- d. Journal Tamil Nadu Orthopaedics.