

(A) **KNOWLEDGE:**

Course content

	Topics	Must know	Desirable to know
1	General principles of diagnosis, management and complications of musculoskeletal injuries / Polytrauma management .		
2	Diagnosis & management of fractures of		
	(i) Clavicle	√	
	(ii) Supracondylar humerus	√	
	(iii) Distal radius	√	
	(iv) Proximal femur	√	
	(v) Shaft of femur	√	
	(vi) Both bones of leg	√	
	(vii) Ankle Joint	√	
	(viii) Spine	√	
	(ix) Pelvis	√	
	(x) Proximal Humerus		√
	(xi) Shaft & Inter Condylar Humerus		√
	(xii) Monteggia & Galeazzi's fractures		√
	(xiii) Scaphoid & Bennett's		√
	(xiv) Acetabulum		√
	(xv) Distal femur & proximal tibia		√
	(xvi) Patella		√
	(xvii) Talus and calcaneum		√
3	Diagnosis & management of dislocations of		
	(i) Shoulder	√	
	(ii) Hip	√	
	(iii) Elbow	√	
4	Diagnosis & management of		
	(i) Peripheral nerves	√	
	(ii) Brachial plexus	√	
5	Diagnosis & management of		
	(i) Pyogenic infections of bones & joints	√	
	(ii) Tuberculosis of Spine /hip & knee	√	
6	Classification of general principles of management of bone tumours and tumor like	√	

	conditions			
7	Diagnosis & management of			
	(i)	Benign bone tumours (bone cyst/osteochondroma/multiple exostosis / osteoid osteoma /enchondroma/giant cell tumour)	√	
	(ii)	Malignant bone tumors (Metastatic bone tumors /Osteosarcome/Emings Sarcoma/Chondra sarcoma/Multiple Myeloma	√	
8	Diagnosis & management of			
	(i)	Rickets & Ostomalacia	√	
	(ii)	Scurvy	√	
	(iii)	Osteoporosis	√	
9	Diagnosis and management of osteoarthritis of			
	(i)	Knee joint	√	
	(ii)	Hip Joint	√	
10	Diagnosis & management of			
	(i)	Cervical and lumbar spondylosis		√
	(ii)	Spinal canal stenosis / Disc disorders		√
	(iii)	Management of Traumatic paraplegia & Quadriplegia		√
11	Diagnosis & management of			
	(i)	Rheumatoid arthritis	√	
	(ii)	Ankylosing spondylitis	√	
	(iii)	Seronegative arthritides		√
12	Diagnosis & management of repetitive stresses injuries around shoulder/elbow/wrist/ankle and spine			√
13	Diagnosis & management of			
	(i)	CTEV	√	
	(ii)	Congenital hip dislocation	√	

	(iii)	Torticollis/congenital vertical talus/AMC/Spine bifida		√
14	Diagnosis and management of deformities			
	(i)	Genu varum/valgum	√	
	(ii)	Cubitus varun/valgum	√	
	(iii)	Scoliosis		√
15	Diagnosis & management of			
	(i)	Perthe's disease	√	
	(ii)	Osteogenesis imperfecta	√	
16	Prosthetics & Orthotics			√
17	Rehabilitation / Aids & Appliances			√
18	Physical therapy			√
19	Sports Injuries			√
20	Tendon injuries			√

Topics for e-learning

- (i) Injuries of shoulder girdle
- (ii) Injuries of elbow
- (iii) Open fractures
- (iv) Spinal injuries
- (v) Complications of fractures
- (vi) Classification and management of bone tumorus
- (vii) Osteoporosis
- (viii) Minimally invasive surgery in orthopaedics
- (ix) Joint replacement surgery
- (x) Surgical procedures for fracture management
- (xi) Cervical & Lumbar spondylosis