

LESSON PLAN

Subject	:	Physiotherapy in Musculoskeletal sciences
Class	:	BPT IV year (2016-17)
Class Incharge	:	Dr Kedar Sule (PT)
Subject Teacher	:	Dr Kedar Sule(PT), Dr. Megha Bhandawde (PT), Dr. Amita

Theory – 60 hrs + Clinical – 140 hrs= 200 Hours

Sr. No	Topic	Lect. No.	Mode of teaching
1	Musculoskeletal assessment:	3	Demonstration
2	Fractures and Dislocations -Upper extremity -Lower extremity -Spine	7	Class room teaching (Chalk and board) /Seminar
3	Manifestations of trauma of bones and soft tissues	2	PPT
4	Inflammatory and infectious diseases of bone and joint -TB Hip, Pott's spine -Osteomyelitis -Ankylosing spondylosis	4	PPT
5	Metabolic disorders - Osteoporosis -Osteopenia	2	Chalk board
6	Overuse injuries -Tennis elbow -Dequervans Tenosynovitis -Golfers elbow -Jumpers knee	3	PPT
7	Common sports injuries of upper and lower limb -Rotator cuff injuries - ACL injury - PCL injury - MCL injury - LCL injury -Meniscal injures	5	PPT
8	Degenerative diseases -Osteoarthritis -Spondylosis -Rheumatoid arthritis	3	PPT and chalk board
9	Deformities of spine -Scoliosis a. Primary	2	PPT

	b.Secondary -Kypho-scoliosis -Kyphosis		
10	Congenital deformities -CDH -CTEV	2	PPT
11	Joint surgeries -Arthodesis -Osteotomy	1	PPT and chalk board
12	Joint replacement surgeries -THR -TKR	4	PPT
13	Peripheral nerve injuries	3	PPT
14	Neurovascular conditions -VIC -RSD -CTS -TOS	3	PPT
15	Hand injuries -Tendon transfer -Crush injuries	2	PPT and Chalk board
16	Surgeries in Polio and CP	2	Chalk & board
17	Congenital malformations -Spina bifida -Meningocele -Meningomyelocele	3	PPT
18	Advanced rehabilitation protocol for fractures and soft tissue injuries	2	PPT
19	Radiological studies -X ray interpretation	2	PPT
20	Biomechanics of Internal fixators and implants	2	Demonstration
21	Tumours of bones	1	PPT
22	Amputation -Procedures -Prosthetic management	2	PPT

Total Lecture scheduled =60 hrs

Total Practicals/Clinicals scheduled =140hrs (at clinical posting)

Total =200hrs

Total Tutorials scheduled =10hrs

Doubt clearing sessions =15hr