

# MAEER'S PHYSIOTHERAPY COLLEGE

Talegaon Dabhade- 410507

Ref No: MPC/MPT-I 11/267/2020

Date: 27/03/2020

1<sup>st</sup> Year M.P.T 2019-2020

## SEMINAR ASSIGNMENT TOPICS DURING LOCKDOWN

Sr. No.	List of the Seminar Topic	Name of the Presenter
1.	i) Applied Biomechanics of tissue and structures of the Musculoskeletal system ii) Biomechanics and Pathomechanics of Hip joint iii) Biomechanics and Pathomechanics of Cervical Spine iv) Different schools of thought in Manual therapy	Dr. Savani Pargi
2.	i) Biomechanics and Pathomechanics of Hand function ii) Biomechanics and Pathomechanics of Knee joint iii) Biomechanics and Pathomechanics of Lumbar Spine iv) Application of advanced electrotherapy modalities and techniques to patients and their dosages	Dr. Amruta More
3.	i) Biomechanics and Pathomechanics of Wrist joint ii) Biomechanics and Pathomechanics of Gait iii) Ergonomic approach to patient positioning and transfer techniques iv) Theories of motor control and motor learning	Dr. Abraar Siddhiqui
4.	i) Biomechanics and Pathomechanics of Hand function ii) Clinical Kinesiology of Posture iii) Neurophysiology of pain, Mechanism of referred visceral pain, Modulation & management of pain iv) Principles of Neurological approaches	Dr. Simran Kala

5.	<ul style="list-style-type: none"> <li>i) Applied Biomechanics of tissue and structures of the musculoskeletal system</li> <li>ii) Biomechanics and Pathomechanics of Circulation</li> <li>iii) Effect of Aerobic, Anaerobic, Isometric, Isotonic and Isokinetic exercises on Cardio-pulmonary function</li> <li>iv) General guidelines to be followed in Cardiac rehabilitation</li> </ul>	Dr. Ismaa Rumani
6.	<ul style="list-style-type: none"> <li>i) Biomechanics and Pathomechanics of shoulder joint</li> <li>ii) Biomechanics and Pathomechanics of Respiration</li> <li>iii) Ergonomic aspects of exercise on oxygen, energy consumption MET value of various exercises and activity</li> <li>iv) General guidelines to be followed in Pulmonary rehabilitation</li> </ul>	Dr. Urmila Jat
7.	<ul style="list-style-type: none"> <li>i) Biomechanics and Pathomechanics of shoulder joint</li> <li>ii) Ergonomic approach to lifting and handling at workplace &amp; environment modifications</li> <li>iii) Integration of yoga in physiotherapy for health promotion and dysfunction</li> <li>iv) Physiotherapy in Disaster management</li> </ul>	Dr. Naina Agrawal
8.	<ul style="list-style-type: none"> <li>i) Biomechanics and Pathomechanics of Elbow joint</li> <li>ii) Biomechanics and Pathomechanics of Ankle joint</li> <li>iii) Biomechanics and Pathomechanics of Thoracic Spine</li> <li>iv) Physiotherapy in Health and Stress management</li> </ul>	Dr. Damini Kidile

*Bilchade*

**MPT coordinator**

**PROFESSOR**

**MAEER'S PHYSIOTHERAPY COLLEGE  
TALEGAON DABHADE,  
T. - PUNE - 410 507**



*Aghodey*

**Principal**

**DR. SNEHAL GHODEY  
M.Ph.T (Musculoskeletal)  
PRINCIPAL  
MAEER'S PHYSIOTHERAPY COLLEGE  
TALEGAON DABHADE**