

Academic Calendar Report

Ms. Mahrukh Tunio (Lecturer)

Course:	Biomechanics and Ergonomics-I	Program:	DPT
Batch:	2024-25	Semester/Year:	2nd Year - 3rd Semester

S.No.	Date	Week	Teacher	Description
1	20/04/2026	Week 1	Ms. Mahrukh Tunio	Introduction to biomechanics
2	22/04/2026	Week 1	Ms. Mahrukh Tunio	Basic terminologies of biomechanics
3	23/04/2026	Week 1	Ms. Mahrukh Tunio	Kinematic concept of analysing human motion
4	27/04/2026	Week 2	Ms. Mahrukh Tunio	Kinematic concept of analysing human motion
5	29/04/2026	Week 2	Ms. Mahrukh Tunio	Biomechanics of bone
6	30/04/2026	Week 2	Ms. Mahrukh Tunio	Biomechanics of articular cartilage
7	04/05/2026	Week 3	Ms. Mahrukh Tunio	Biomechanics of Tendons and Ligaments
8	06/05/2026	Week 3	Ms. Mahrukh Tunio	Biomechanics of Peripheral Nerves and Spinal Nerve Roots
9	07/05/2026	Week 3	Ms. Mahrukh Tunio	Biomechanics of Skeletal Muscles
10	11/05/2026	Week 4	Ms. Mahrukh Tunio	Biomechanics of the Shoulder
11	13/05/2026	Week 4	Ms. Mahrukh Tunio	Biomechanics of the Elbow
12	14/05/2026	Week 4	Ms. Mahrukh Tunio	Biomechanics of the Wrist and Hand
13	18/05/2026	Week 5	Ms. Mahrukh Tunio	<ul style="list-style-type: none"> • Factors that influence relative mobility and stability of upper extremity articulation • Muscles that are active during specific upper extremity movements
14	20/05/2026	Week 5	Ms. Mahrukh Tunio	Biomechanical contributions to common injuries of the upper extremity
15	21/05/2026	Week 5	Ms. Mahrukh Tunio	Biomechanics of the Hip

S.No.	Date	Week	Teacher	Description
16	25/05/2026	Week 6	Ms. Mahrukh Tunio	Biomechanics of the Knee
17	16/07/2026	Week 7	Ms. Mahrukh Tunio	Biomechanics of the ankle and foot
18	20/07/2026	Week 8	Ms. Mahrukh Tunio	• Factors influencing relative mobility and stability of lower extremity articulations • Adaptation of lower extremity to its weight bearing functions
19	22/07/2026	Week 8	Ms. Mahrukh Tunio	Muscles that are active in specific lower extremity movements
20	23/07/2026	Week 8	Ms. Mahrukh Tunio	Biomechanical contribution to common injuries of the lower extremity
21	27/07/2026	Week 9	Ms. Mahrukh Tunio	Ergonomics and Therapy: An Introduction
22	29/07/2026	Week 9	Ms. Mahrukh Tunio	A Client- Centered Framework for Therapists in Ergonomics
23	30/07/2026	Week 9	Ms. Mahrukh Tunio	Macroergonomics
24	03/08/2026	Week 10	Ms. Mahrukh Tunio	Ergonomic Assessments/Work Assessments
25	05/08/2026	Week 10	Ms. Mahrukh Tunio	Anthropometry
26	06/08/2026	Week 10	Ms. Mahrukh Tunio	Cognitive and Behavioral Occupational Demands of Work
27	10/08/2026	Week 11	Ms. Mahrukh Tunio	Psychosocial Factors in Work-Related Musculoskeletal Disorders
28	12/08/2026	Week 11	Ms. Mahrukh Tunio	Physical Environment
29	13/08/2026	Week 11	Ms. Mahrukh Tunio	Human Factors in Medical Rehabilitation Equipment: Product Development and Usability Testing

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