



Bharati Vidyapeeth (Deemed to be University)

Medical College, Pune

Department of Physiology

A+ Accreditation by NAAC

Lectures: October/ November

No.	Date	Day	Timing	Competency	Topic	Faculty
11	2-10-23	Monday	9.30-10.30 am	PY2.8	Haemostasis II (integrated with neonatology)	Dr Dhanashri
12	3-10-23	Tuesday	8.30-9.30 am	PY3.4 PY3.7	Structure of neuro-muscular junction and transmission of impulses Types of muscle fibres and their structure	Dr Karandikar
13	5-10-23	Thursday	8.30-9.30 am	PY3.7	Sarcomere	Dr Karandikar
14	9-10-23	Monday	9.30-10.30 am	PY3.9	Molecular basis of muscle contraction I	Dr Karandikar
15	10-10-23	Tuesday	8.30-9.30 am	PY3.9 PY3.6	Molecular basis of muscle contraction II Action of neuro-muscular blocking agents, Pathophysiology of Myasthenia gravis	Dr Karandikar
16	12-10-23	Thursday	8.30-9.30 am	PY3.9	Molecular basis of muscle contraction in smooth muscles	Dr Karandikar
17	16-10-23	Monday	9.30-10.30 am	PY3.12 PY3.11	Gradation of muscle activity, Muscular dystrophy, Muscular atrophy	Dr Karandikar
18	17-10-23	Tuesday	8.30-9.30 am	PY2.10	Immunity types and development	Dr Dhanashri
19	19-10-23	Thursday	8.30-9.30 am	PY2.10	Immunity development and regulation	Dr Dhanashri
20	23-10-23	Monday	9.30-10.30 am	PY3.1	Structure and functions of a neuron and neuroglia; Nerve Growth Factor & other growth factors/cytokines	Dr Phadke
21	26-10-23	Thursday	8.30-9.30 am	PY3.2	Classification, Types, functions & properties of nerve fibres	Dr Phadke
22	30-10-23	Monday	9.30-10.30 am	PY3.3	Degeneration and regeneration in peripheral nerves	Dr Phadke
23	31-10-23	Tuesday	8.30-9.30 am	PY5.1	Functional anatomy of heart including chambers, sounds Morphology, electrical, mechanical and metabolic functions of cardiac muscle Properties of cardiac muscle	Dr Salvi
24	2-11-23	Thursday	8.30-9.30 am	PY5.1 PY5.4	Pacemaker tissue and conducting system	Dr Salvi



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25	6-11-23	Monday	9.30-10.30 am	PY5.5	Physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	Dr Salvi
26	7-11-23	Tuesday	8.30-9.30 am	PY5.6	Abnormal ECG, arrhythmias Heart block and myocardial Infarction	Dr Salvi
27	8-11-23	Wednesday	10.30-11.30 am	PY5.3	Events occurring during the cardiac cycle I	Dr Joshi
28	9-11-23	Thursday	8.30-9.30 am	PY5.3	Pressure and volume changes during the cardiac cycle	Dr Joshi

*Handwritten signature*

Dr. Mrs. ANURADHA R. JOSHI  
Professor & Head  
Dept. of Physiology  
B.V.(DTU) Medical College  
Dhankawadi, Pune-43.