



Bharati Vidyapeeth (Deemed to be University)

Medical College, Pune

Department of Physiology

A+ Accreditation by NAAC

Lectures: September 2023

No.	Date	Day	Timing	Competency	Topic	Faculty
1	18-09-23	Monday	9.30-10.30 am		<b>HOD Address: Physiology</b>	Dr Joshi
2	20-09-23	Wednesday	11.00 - 12.00 noon	PY1.1 PY1.3 PY1.4 PY1.9  PY1.5	<b>Structure and functions of a mammalian cell.</b> Intercellular communication Apoptosis The methods used to demonstrate the functions of the cells and its products, its communications and their applications in Clinical care and research. <b>Transport mechanisms across cell membranes I</b>	Dr Saira Bano
3	21-09-23	Thursday	8.30-9.30 am	PY1.5	<b>Transport mechanisms across cell membranes II</b>	Dr Saira Bano
4	22-09-23	Friday	11.00 - 12.00 noon	PY1.8	<b>RMP</b> Molecular basis of resting membrane potential in excitable tissue	Dr Saira Bano
5	23-09-23	Saturday	8.30-9.30 am	PY1.8	<b>Action Potential I</b> Molecular basis of action potential in excitable tissue	Dr Saira Bano
6	25-09-23	Monday	9.30-10.30 am	PY1.6 PY1.7	<b>Action Potential II</b> Fluid compartments of the body, its ionic composition & measurements, concept of pH & Buffer systems in the body	Dr Saira Bano
7	26-09-23	Tuesday	8.30-9.30 am	PY1.2	<b>Principles of homeostasis</b> Clinical problems on General Physiology	Dr Saira Bano
8	27-09-23	Wednesday	11.00 - 12.00 noon	PY2.1 PY2.2	<b>Composition and functions of blood components</b> Origin, forms, variations and functions of plasma Proteins and <b>Blood groups I</b>	Dr Dhanashri
9	28-09-23	Thursday	8.30-9.30 am	PY2.9	<b>Blood groups II</b> and clinical importance of blood grouping. Blood banking and transfusion	Dr Dhanashri
10	30-09-23	Saturday	8.30-9.30 am	PY2.7 PY2.8	Platelets formation, functions and variations. <b>Physiological Basis of hemostasis I</b>	Dr Dhanashri

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