



Department of Biochemistry, HIMS, Sitapur (U.P.)

First Year M.B.B.S (Batch: 2025-26)

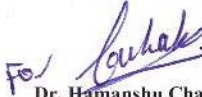
Teaching Schedule (Theory and Practical) for the Month of November -2025

Date	Day	Time	Venue	Competency No.	Competency Topic	Teaching/Learning Method	Integration VI-Vertical HI- Horizontal	Name of Faculty
03.11.2025	Monday	02-04 PM	UG Lab (Batch - ABC)		Osazone Crystals	Practical (DOAP/SGD)	-	Dr. Priyanshi Mishra
04.11.2025	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Saif Ali
		4-5 PM	L.T-3		Multienzyme Complex	SGD	-	Dr. Zainab Afreen
05.11.2025	Wednesday	09-10 AM	Gurunanak Jayanti					
06.11.2025	Thursday	10-12 PM	Demo Room (Batch - ABC)		Revision Class	SGD	HI- Anatomy, Physiology	Dr. Vaishali Rastogi
07.11.2025	Friday	01-02 PM	L.T-3	BC5.1	Discuss briefly structure of amino acids and classify amino acids on the basis of Nutritional and Metabolic significance.	Lecture (Audio-Visual Aids)	VI- Medicine	Dr. Hamanshu Chauhan
		02-04 PM	UG Lab (Batch - DEF)		Osazone Crystals	Practical (DOAP/SGD)	-	Dr. Priyanshi Mishra
10.11.2025	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.3	Describe the physical properties, chemical constituents of normal urine	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
11.11.2025	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)		Dr. Mahmood Khan
		4-5 PM	L.T-3		Biological Importance of Glycoproteins	SGD	-	Dr. Talat Khan
12.11.2025	Wednesday	09-10 AM	L.T-3	BC2.3	Describe and discuss enzyme Inhibition and role of enzymes or drugs as Inhibitors, and enzymes as therapeutic agents.	Practical (DOAP/SGD)	HI- Anatomy, Physiology VI- Medicine	Dr. Binod Mahato
		10-12 PM	Demo Room (Batch - DEF)	BC5.8	Describe the structure and functions of haem in the body	Lecture (Audio-Visual Aids)	-	Dr. Sandeep Kumar
13.11.2025	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC5.8	Describe the structure and functions of haem in the body	Lecture (Audio-Visual Aids)	-	Dr. Sandeep Kumar
14.11.2025	Friday	01-02 PM	L.T-3	BC5.2	Discuss classification of proteins, structural organization, functions and clinical aspects.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Hamanshu Chauhan
		02-04 PM	UG Lab (Batch - DEF)	BC14.3	Describe the physical properties, chemical constituents of normal urine	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
15.11.2025	Saturday	01-04 PM	L.T-3		AETCOM	Lecture (Audio-Visual Aids)	-	All Faculty Members
17.11.2025	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.3	Describe the physical properties, chemical constituents of normal urine	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
18.11.2025	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Priyanshi Mishra
		4-5 PM	L.T-3		Biological Importance of Glycolipids	SGD	HI- Anatomy, Physiology	Dr. Zainab Afreen

Date	Day	Time	Venue	Competency No.	Competency Topic	Teaching/Learning Method	Integration VI-Vertical HI- Horizontal	Name of Faculty
19.11.2025	Wednesday	09-10 AM	L.T-3	BC2.4	Describe and discuss the clinical utility of various serum enzymes in laboratory and their use as markers of various pathological conditions.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Binod Mahato
		10-12 PM	Demo Room (Batch - DEF)	BC5.4	Describe plasma proteins and their functions	Lecture (Audio-Visual Aids)	-	Dr. Talat Khan
20.11.2025	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC5.4	Describe plasma proteins and their functions	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Talat Khan
21.11.2025	Friday	01-02 PM	L.T-3	BC6.1	Enumerate the functions and components of the extracellular matrix (ECM).	Lecture (Audio-Visual Aids)	-	Dr. Ganesh Prasad Sagar
		02-04 PM	UG Lab (Batch - DEF)	BC14.3	Describe the physical properties, chemical constituents of normal urine	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
24.11.2025	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.3	Describe the physical properties, chemical constituents of Abnormal urine	Practical (DOAP/SGD)	-	Dr. Mahmood Khan
25.11.2025	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Saif Ali
		4-5 PM	L.T-3		Enzyme as Tumor markers	SGD	HI- Anatomy, Physiology	Dr. Zainab Afreen
26.11.2025	Wednesday	09-10 AM	L.T-3	BC5.2	Discuss classification of proteins, structural organization, functions and clinical aspects.	Lecture (Audio-Visual Aids)	-	Dr. Hamanshu Chauhan
		10-12 PM	Demo Room (Batch - DEF)	BC5.4	Brief overview of normal and abnormal electrophoretic pattern of serum proteins, acute phase proteins.	Lecture (Audio-Visual Aids)	-	Dr. Saif Ali
27.11.2025	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC5.4	Brief overview of normal and abnormal electrophoretic pattern of serum proteins, acute phase proteins.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Saif Ali
28.11.2025	Friday	01-02 PM	L.T-3	BC6.1	Enumerate the functions and components of the extracellular matrix (ECM)	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Ganesh Prasad Sagar
		02-04 PM	UG Lab (Batch - DEF)	BC14.3	Describe the physical properties, chemical constituents of Abnormal urine	Practical (DOAP/SGD)	-	Dr. Mahmood Khan

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For

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 Associate Professor & Head
 Department of Biochemistry
 Hind Institute of Medical Sciences
 Mau, Ataria, Sitapur



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First Year M.B.B.S (Batch: 2025-26)


Teaching Schedule (Theory and Practical) for the Month of DECEMBER -2025

Date	Day	Time	Venue	Competency No.	Competency Topic	Teaching/Learning Method	Integration VI-Vertical HI- Horizontal	Name of Faculty
01.12.2025	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.3	Describe the physical properties, chemical constituents of Abnormal urine (Perform)	Practical (DOAP/SGD)	-	Dr. Priyanshi Mishra
02.12.2025	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Saif Ali
		4-5 PM	L.T-3		Role of Glycosaminoglycens (GAG) in ECM	SGD	-	Dr. Talat Khan
03.12.2025	Wednesday	09-10 AM	L.T-3	BC5.2	Discuss classification of proteins, structural organization, functions and clinical aspects.	Lecture (Audio-Visual Aids)	-	Dr. Hamanshu Chauhan
		10-12 PM	Demo Room (Batch - DEF)	BC5.5	Describe the structure, functions and disorders of Immunoglobulins	Lecture (Audio-Visual Aids)	-	Dr. Kislay Awasthi
04.12.2025	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC5.5	Describe the structure, functions and disorders of Immunoglobulins	SGD	HI- Anatomy, Physiology	Dr. Kislay Awasthi
05.12.2025	Friday	01-02 PM	L.T-3	BC6.2	Discuss the involvement of ECM components in health and disease.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Ganesh Prasad Sagar
		02-04 PM	UG Lab (Batch - DEF)	BC14.3	Describe the physical properties, chemical constituents of Abnormal urine (Perform)	Practical (DOAP/SGD)	-	Dr. Priyanshi Mishra
08.12.2025	Monday	02-04 PM	UG Lab (Batch - ABC)		Revision Class of Abnormal constituents of Urine	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
09.12.2025	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)		Dr. Talat Khan
		4-5 PM	L.T-3		Role of fibronectin, fibrillin and Laminin in ECM	SGD	-	Dr. Zainab Afreen
10.12.2025	Wednesday	FOUNDATION DAY						
11.12.2025	Thursday	10-12 PM	Demo Room (Batch - ABC)		Revision Class	Lecture (Audio-Visual Aids)	-	Dr. Saif Ali
12.12.2025	Friday	FOUNDATION DAY						
15.12.2025	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.3	Describe the physical properties, chemical constituents of Abnormal urine (Glucose & Protein)	Practical (DOAP/SGD)	-	Dr. Mahmood Khan
16.12.2025	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
		4-5 PM	L.T-3		Secondary structure of protein	SGD	III- Anatomy, Physiology	Dr. Talat Khan

Date	Day	Time	Venue	Competency No.	Competency Topic	Teaching/Learning Method	Integration VI-Vertical III- Horizontal	Name of Faculty
17.12.2025	Wednesday	09-10 AM	L.T-3	BC10.1	Describe nucleotides and nucleic acids and their clinical significance	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Sandeep Kumar
		10-12 PM	Demo Room (Batch - DEF)	BC5.5	Brief description of cellular and humoral Immunity.	Lecture (Audio-Visual Aids)	-	Dr. Binod Mahato
18.12.2025	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC5.5	Brief description of cellular and humoral Immunity.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Binod Mahato
19.12.2025	Friday	01-02 PM	L.T-3	BC6.3	Describe protein targeting & sorting along with its associated disorders.	Lecture (Audio-Visual Aids)	-	Dr. Ganesh Prasad Sagar
		02-04 PM	UG Lab (Batch - DEF)	BC14.3	Describe the physical properties, chemical constituents of Abnormal urine (Glucose & Protein)	Practical (DOAP/SGD)	-	Dr. Mahmood Khan
20.12.2025	Saturday	01-04 PM	L.T-3		AETCOM	Lecture (Audio-Visual Aids)	-	Dr. Hamanshu Chauhan
22.12.2025	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.3	Describe the physical properties, chemical constituents of Abnormal urine (Glucose & Ketone bodies)	Practical (DOAP/SGD)	-	Dr. Saif Ali
23.12.2025	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Zainab Afreen
		4-5 PM	L.T-3		Denaturation of Protein	SGD	HI- Anatomy, Physiology	Dr. Zainab Afreen
24.12.2025	Wednesday	09-10 AM	L.T-3	BC10.1	Describe nucleotides and nucleic acids and their clinical significance	Lecture (Audio-Visual Aids)	-	Dr. Sandeep Kumar
		10-12 PM	Demo Room (Batch - DEF)		Revision Class	Lecture (Audio-Visual Aids)	-	Dr. Vaishali Rastogi
25.12.2025 TO 01.01.2026					WINTER VACATION			

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Teaching Schedule (Theory and Practical) for the Month of JANUARY -2026

Date	Day	Time	Venue	Competency No.	Competency Topic	Teaching/Learning Method	Integration VI-Vertical HI- Horizontal	Name of Faculty
05.01.2026	Monday	02-04 PM	UG Lab (Batch - ABC)		Revision Class of Abnormal Urine	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
06.01.2026 TO 12.01.2026					1ST TERMINAL EXAMINATION BATCH - 2025-26			
13.01.2026	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Saif Ali
		4-5 PM	L.T-3	BC5.3	Describe the digestion and absorption of dietary proteins	SGD	-	Dr. Talat Khan
14.01.2026	Wednesday	09-10 AM	L.T-3	BC3.3	Define and briefly describe the pathways of carbohydrate metabolism and their regulation	Lecture (Audio-Visual Aids)	-	Dr. Kislay Awasthi
		10-12 PM	Demo Room (Batch - DEF)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin - A)	Lecture (Audio-Visual Aids)	-	Dr. Hamanshu Chauhan
15.01.2026	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin - A)	SGD	HI- Anatomy, Physiology	Dr. Hamanshu Chauhan
16.01.2026	Friday	01-02 PM	L.T-3	BC4.1	Describe and discuss main classes of lipids and their functions.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Ganesh Prasad Sagar
		02-04 PM	UG Lab (Batch - DEF)		Revision Class of Abnormal Urine	Practical (DOAP/SGD)	-	Dr. Priyanshi Mishra
19.01.2026	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.3	Describe the physical properties, chemical constituents of Abnormal urine (Glucose & Ketone bodies)	Practical (DOAP/SGD)	-	Dr. Mahmood Khan
20.01.2026	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)		Dr. Priyanshi Mishra
		4-5 PM	L.T-3		Biological important peptide	SGD	-	Dr. Zainab Afreen
21.01.2026	Wednesday	09-10 AM	L.T-3	BC4.1	Describe and discuss main classes of lipids and their functions.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Ganesh Prasad Sagar
		10-12 PM	Demo Room (Batch - DEF)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -D)	Lecture (Audio-Visual Aids)	-	Dr. Sandeep Kumar
22.01.2026	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -D)	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Sandeep Kumar
23.01.2026	Friday	01-02 PM	L.T-3	BC3.3	Define and briefly describe the pathways of carbohydrate metabolism and their regulation	Lecture (Audio-Visual Aids)	-	Dr. Kislay Awasthi
		02-04 PM	UG Lab (Batch - DEF)	BC14.3	Describe the physical properties, chemical constituents of Abnormal urine (Glucose & Ketone bodies)	Practical (DOAP/SGD)	-	Dr. Mahmood Khan
24.01.2026	Saturday	01-04 PM	L.T-3		AETCOM	Lecture (Audio-Visual Aids)	-	Dr. Hamanshu Chauhan/ Dr. Zainab Afreen
26.01.2026	Monday	REPUBLIC DAY						
27.01.2026	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
		4-5 PM	L.T-3	BC4.2	Describe the digestion and absorption of dietary lipids and its associated disorders.	SGD	HI- Anatomy, Physiology	Dr. Talat Khan

Date	Day	Time	Venue	Competency No.	Competency Topic	Teaching/Learning Method	Integration VI-Vertical III- Horizontal	Name of Faculty
28.01.2026	Wednesday	09-10 AM	L.T-3	BC3.3	Define and briefly describe the pathways of carbohydrate metabolism and their regulation	Lecture (Audio-Visual Aids)	-	Dr. Kislay Awasthi
		10-12 PM	Demo Room (Batch - DEF)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -E & K)	Lecture (Audio-Visual Aids)	-	Dr. Binod Mahato
29.01.2026	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -E & K)	Lecture (Audio-Visual Aids)	III- Anatomy, Physiology	Dr. Binod Mahato
30.01.2026	Friday	01-02 PM	L.T-3	BC4.1	Describe and discuss main classes of lipids and their functions.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Ganesh Prasad Sagar
		02-04 PM	UG Lab (Batch - DEF)		Revision Class	Practical (DOAP/SGD)	-	Dr. Saif Ali

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Teaching Schedule (Theory and Practical) for the Month of FEBRUARY -2026

Date	Day	Time	Venue	Competency No.	Competency Topic	Teaching/Learning Method	Integration VI-Vertical HI- Horizontal	Name of Faculty
02.02.2026	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.6	Describe the principles of Colorimetry & Spectrophotometry.	Practical (DOAP/SGD)	-	Dr. Talat Khan
03.02.2026	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Zainab Afreen
		4-5 PM	L.T-3	BC14.19	Vitamin - A deficiency disorders	SGD	-	Dr. Akshay Gupta
04.02.2026	Wednesday	09-10 AM	L.T-3	BC4.1	Describe and discuss main classes of lipids and their functions.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Ganesh Prasad Sagar
		10-12 PM	Demo Room (Batch - DEF)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -C)	Lecture (Audio-Visual Aids)	-	Dr. Binod Mahato
05.02.2026	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -C)	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Binod Mahato
06.02.2026	Friday	01-02 PM	L.T-3	BC3.3	Define and briefly describe the pathways of carbohydrate metabolism and their regulation	Lecture (Audio-Visual Aids)	-	Dr. Kislay Awasthi
		02-04 PM	UG Lab (Batch - DEF)	BC14.6	Describe the principles of Colorimetry & Spectrophotometry.	Practical (DOAP/SGD)	-	Dr. Talat Khan
09.02.2026	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.6	Verification of Beer-Lambert's Law	Practical (DOAP/SGD)	-	Dr. Saif Ali
10.02.2026	Tuesday	09-12 PM	UG Lab	BC	Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Neha Mishra
		4-5 PM	L.T-3	BC14.19	Vitamin - A deficiency disorders	SGD	-	Dr. Akshay Gupta
11.02.2026	Wednesday	09-10 AM	L.T-3	BC3.3	Define and briefly describe the pathways of carbohydrate metabolism and their regulation	Lecture (Audio-Visual Aids)	-	Dr. Kislay Awasthi
		10-12 PM	Demo Room (Batch - DEF)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -B ₁ , B ₂ & B ₃)	Lecture (Audio-Visual Aids)	-	Dr. Zainab Afreen
12.02.2026	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -B ₁ , B ₂ & B ₃)	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Zainab Afreen
13.02.2026	Friday	01-02 PM	L.T-3	BC4.6	Discuss Biological role and therapeutic applications of Eicosanoids and their Inhibitors.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Ganesh Prasad Sagar
		02-04 PM	UG Lab (Batch - DEF)	BC14.6	Verification of Beer-Lambert's Law	Practical (DOAP/SGD)	-	Dr. Saif Ali
16.02.2026	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.7	Estimation of Serum Glucose and interpretation of results with clinical scenarios (Demonstrate)	Practical (DOAP/SGD)	-	Dr. Priyanshi Mishra
17.02.2026	Tuesday	09-12 PM	UG Lab	BC	Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Mahmood Khan
		4-5 PM	L.T-3	BC4.1	Cholesterol (myths & facts)	SGD	-	Dr. Akshay Gupta

Date	Day	Time	Venue	Competency No.	Competency Topic	Teaching/Learning Method	Integration VI-Vertical III- Horizontal	Name of Faculty
18.02.2026	Wednesday	09-10 AM	L.T-3	BC5.6	Describe the formation, transport, detoxification of Ammonia, Ammonia toxicity and its clinical significance.	Lecture (Audio-Visual Aids)	-	Dr. Hamanshu Chauhan
		10-12 PM	Demo Room (Batch - DEF)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -B ₃ & B ₆)	Lecture (Audio-Visual Aids)	-	Dr. Vaishali Rastogi
19.02.2026	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -B ₃ & B ₆)	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Vaishali Rastogi
20.02.2026	Friday	01-02 PM	L.T-3	BC7.2	Describe the Biochemical processes involved in generation of energy in cells.	Lecture (Audio-Visual Aids)	-	Dr. Sandeep Kumar
		02-04 PM	UG Lab (Batch - DEF)	BC14.7	Estimation of Serum Glucose and interpretation of results with clinical scenarios (Demonstrate)	Practical (DOAP/SGD)	-	Dr. Priyanshi Mishra
21.02.2026	Saturday	01-04 PM	L.T-3		AETCOM	Lecture (Audio-Visual Aids)	-	Dr. Hamanshu Chauhan/ Dr. Ganesh Prasad Sagar
23.02.2026	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.7	Estimation of Serum Glucose and interpretation of results with clinical scenarios (Perform)	Practical (DOAP/SGD)	-	Dr. Mahmood Khan
24.02.2026	Tuesday	09-12 PM	UG Lab	BC	Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
		4-5 PM	L.T-3		MUFA & PUFA	SGD	-	Dr. Akshay Gupta
25.02.2026	Wednesday	09-10 AM	L.T-3	BC5.7	Describe the specialized products formed from the amino acids and the inborn errors associated with them. Discuss new-born screening.	Lecture (Audio-Visual Aids)	-	Dr. Hamanshu Chauhan
		10-12 PM	Demo Room (Batch - DEF)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -B ₇ & B ₉)	Lecture (Audio-Visual Aids)	-	Dr. Neha Mishra
26.02.2026	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin -B ₇ & B ₉)	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Neha Mishra
27.02.2026	Friday	01-02 PM	L.T-3	BC7.2	Describe the Biochemical processes involved in generation of energy in cells.	Lecture (Audio-Visual Aids)	-	Dr. Sandeep Kumar
		02-04 PM	UG Lab (Batch - DEF)	BC14.7	Estimation of Serum Glucose and interpretation of results with clinical scenarios (Perform)	Practical (DOAP/SGD)	-	Dr. Mahmood Khan

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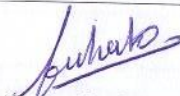
Teaching Schedule (Theory and Practical) for the Month of MARCH -2026

Date	Day	Time	Venue	Competency No.	Competency Topic	Teaching/Learning Method	Integration VI-Vertical III- Horizontal	Name of Faculty
02.03.2026	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.8	Estimation of Serum Urea & Calculate BUN and interpretation of results with clinical scenarios (Demonstrate)	Practical (DOAP/SGD)	-	Dr. Zainab Afreen
03.03.2026	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Neha Mishra
		4-5 PM	L.T-3	BC14.19	Diabetes Mellitus	SGD	-	Dr. Akshay Gupta
04.03.2026	Wednesday	Holi (Holiday)						
05.03.2026	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC8.1	Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency (Vitamin - A)	SGD	HI- Anatomy, Physiology	Dr. Hamanshu Chauhan
06.03.2026	Friday	01-02 PM	L.T-3	BC3.3	Define and briefly describe the pathways of carbohydrate metabolism and their regulation	Lecture (Audio-Visual Aids)	-	Dr. Kislay Awasthi
		02-04 PM	UG Lab (Batch - DEF)	BC14.8	Estimation of Serum Urea & Calculate BUN and interpretation of results with clinical scenarios (Demonstrate)	Practical (DOAP/SGD)	-	Dr. Zainab Afreen
09.03.2026	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.8	Estimation of Serum Urea & Calculate BUN and interpretation of results with clinical scenarios (Perform)	Practical (DOAP/SGD)	-	Dr. Talat Khan
10.03.2026	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Mahmood Khan
		4-5 PM	L.T-3	BC8.1	Vitamins at a glance	SGD	-	Dr. Zainab Afreen
11.03.2026	Wednesday	09-10 AM	L.T-3	BC7.2	Describe the Biochemical processes involved in generation of energy in cells.	Lecture (Audio-Visual Aids)	-	Dr. Sandeep Kumar
		10-12 PM	Demo Room (Batch - DEF)	BC5.8	Heme Metabolism	Lecture (Audio-Visual Aids)	-	Dr. Mahmood Khan
12.03.2026	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC5.8	Heme Metabolism	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Mahmood Khan
13.03.2026	Friday	01-02 PM	L.T-3	BC4.4	Describe metabolism of Triglycerides and cholesterol metabolism along with its regulation and clinical significance.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Ganesh Prasad Sagar
		02-04 PM	UG Lab (Batch - DEF)	BC14.8	Estimation of Serum Urea & Calculate BUN and interpretation of results with clinical scenarios (Perform)	Practical (DOAP/SGD)	-	Dr. Talat Khan
16.03.2026	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.9	Estimation of Serum Creatinine & Calculate Creatinine Clearance and interpretation of results with clinical scenarios (Demonstrate)	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
17.03.2026	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Priyanshi Mishra
		4-5 PM	L.T-3	BC5.8	Porphyrias	SGD	-	Dr. Talat Khan

Date	Day	Time	Venue	Competency No.	Competency Topic	Teaching/Learning Method	Integration VI-Vertical HI- Horizontal	Name of Faculty
18.03.2026	Wednesday	09-10 AM	L.T-3	BC5.7	Describe the specialized products formed from the amino acids and the inborn errors associated with them. Discuss new-born screening.	Lecture (Audio-Visual Aids)	-	Dr. Hamanshu Chauhan
		10-12 PM	Demo Room (Batch - DEF)	BC11.1	Describe the function tests of liver and their clinical significance. Interpret the function tests report.	Lecture (Audio-Visual Aids)	-	Dr. Binod Mahato
19.03.2026	Thursday	10-12 PM	Demo Room (Batch - ABC)	BC11.1	Describe the function tests of liver and their clinical significance. Interpret the function tests report.	Lecture (Audio-Visual Aids)	HI- Anatomy, Physiology	Dr. Binod Mahato
20.03.2026	Friday	01-02 PM	L.T-3	BC3.3	Define and briefly describe the pathways of carbohydrate metabolism and their regulation	Lecture (Audio-Visual Aids)	-	Dr. Kislay Awasthi
		02-04 PM	UG Lab (Batch - DEF)	BC14.9	Estimation of Serum Creatinine & Calculate Creatinine Clearance and interpretation of results with clinical scenarios (Demonstrate)	Practical (DOAP/SGD)	-	Dr. Vaishali Rastogi
21.03.2026	Saturday	(Eid-ul-fitr) Holiday						
23.03.2026	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.9	Estimation of Serum Creatinine & Calculate Creatinine Clearance and interpretation of results with clinical scenarios (Perform)	Practical (DOAP/SGD)	-	Dr. Akshay Gupta
24.03.2026	Tuesday	09-12 PM	UG Lab		Weekly Assessment	Practical (DOAP/SGD)	-	Dr. Neha Mishra
		4-5 PM	L.T-3	BC14.19	Liver Diseases	SGD	-	Dr. Zainab Afreen
25.03.2026	Wednesday	09-10 AM	L.T-3	BC3.3	Define and briefly describe the pathways of carbohydrate metabolism and their regulation	Lecture (Audio-Visual Aids)	-	Dr. Kislay Awasthi
		10-12 PM	Demo Room (Batch - DEF)	BC11.1	Describe the function tests of kidney and their clinical significance. Interpret the function tests report.	Lecture (Audio-Visual Aids)	-	Dr. Neha Mishra
26.03.2026	Thursday	Ram Navami (Holiday)						
27.03.2026	Friday	01-02 PM	L.T-3	BC10.2	Describe briefly synthesis of purines in the body with special stress on salvage pathway.	Lecture (Audio-Visual Aids)	-	Dr. Sandeep Kumar
		02-04 PM	UG Lab (Batch - DEF)	BC14.9	Estimation of Serum Creatinine & Calculate Creatinine Clearance and interpretation of results with clinical scenarios (Perform)	Practical (DOAP/SGD)	-	Dr. Akshay Gupta
30.03.2026	Monday	02-04 PM	UG Lab (Batch - ABC)	BC14.10	Estimation of Serum Uric Acid and interpretation of results with clinical scenarios (Demonstrate)	Practical (DOAP/SGD)	-	Dr. Talat Khan
31.03.2026	Wednesday	Buddha Purnima (Holiday)						

Copy to: -

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2. Principal, HIMS.
3. DSW, HIMS
4. Boys Hostel & Girls Hostel & All Notice Boards.
5. Office File & LT Notice Board.

For 
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