

Post Graduate Theory Scheduled for 2019

Sl. No	Date & Time	Time	Name of the Topic	Name of Faculty
1.	5.1.19	10a m	Hardy Weinberg equilibrium and apoptosis	Dr. Jyotsna
2.	12.1.19	10a m	Lipid profile	Dr. Kamlesh
3.	19.1.19	10a m	DNA structure, supercoiling of DNA	Dr. Avijit
4.	25.1.19	10a m	Cell signaling	Dr. Jyotsna
5.	2.2.19	10a m	Protein folding and structure	Dr. D.Dash
6.	9.2.19	10a m	Ramachandran Plot, angle	Dr. D.Dash
7.	16.2.19	10a m	Kidney and cardiac Biomarkars	Dr. S.P.Mishra
8.	23.2.19	10a m	Brain and liver biomarkers	Dr. S.P.Mishra
9.	2.3.19	10a m	Lipid, cholesterol & lipoprotein	Dr. Ragini
10.	16.3.19	10a m	Biomarker of ageing	Dr. S.P.Mishra
11.	23.3.19	10a m	BLAST	Dr. Kamlesh
12.	30.3.19	10a m	Gene sequencing &NGS	Dr. Kamlesh
13.	6.4.19	10a m	Cholesterol metabolism	Dr. S.P.Mishra
14.	20.4.19	10a m	Chemistry of carbohydrate	Dr. Kamlesh
15.	27.4.19	10a m	Saliva Metabolimics	Dr. Avijit
16.	4.5.19	10a m	Sample collection	Dr. Jyotsna
17.	11.5.19	10a m	PG question paper discussion	Dr. S.P.Mishra
18.	25.5.19	10a m	Structure and function of protein	Dr. Kamlesh
19.	1.6.19	10a m	Protein general properties and its kinetics	Dr. Avijit
20.	8.6.19	10a m	Selection and analytical evaluation of methods	Dr. Jyotsna
21.	15.6.19	10a	Clinical evaluation of methods	Dr Paresh

	9	m		
22.	22.6.1 9	10a m	DNA replication and Repair	Dr. Ragini
23.	29.6.1 9	10a m	Enzyme action and regulation	Dr. D.Dash
24.	6.7.19	10a m	ETC	Dr. S.P.Mishra
25.	13.7.1 9	10a m	Enzyme and rate analysis	Dr. Kamlesh
26.	20.7.1 9	10a m	Mechanism of enzyme action	Dr. Avijit
27.	27.7.1 9	10a m	Genetic code and translation	Dr. Jyotsna
28.	3.8.19	10a m	Chemistry of lipids	Dr. Kamlesh
29.	10.8.1 9	10a m	Automator	Dr. Kamlesh
30.	17.8.1 9	10a m	Eukaryotic Transcription	Dr. Avijit
31.	24.8.1 9	10a m	RNA processing	Dr. Avijit
32.	31.8.1 9	10a m	Methods of Glucose estimation	Dr Paresh
33.	7.9.19	10a m	Glycolysis	Dr. Ragini
34.	14.9.1 9	10a m	Lipid Profile	Dr. Kamlesh
35.	21.9.1 9	10a m	Cholesterol synthesis & degradation	Dr. Kamlesh
36.	5.10.1 9	10a m	Point of care testing	Dr. Jyotsna
37.	12.10. 19	10a m	Gluconeogenesis	Dr. Ragini
38.	19.10. 19	10a m	Hemoglobin & myoglobin	Dr. S.P.Mishra
39.	2.11.1 9	10a m	Regulation of gene expression	Dr. Avijit
40.	16.11. 19	10a m	ELISA	Dr. Kamlesh
41.	23.11. 19	10a m	Regulation of gene expression in eukaryotes	Dr. Avijit
42.	30.11. 19	10a m	Disorder of collagen	Dr. S.P.Mishra
43.	7.12.1 9	10a m	Confocal microscope	Dr. Jyotsna
44.	14.12. 19	10a m	Glycogen metabolism	Dr. Avijit
45.	21.12.	10a	Glycosaminoglycan	Dr.

	19	m		S.P.Mishra
46.	28.12.	10a	Serum enzyme	Dr. Kamlesh
	19	m		

DEPARTMENT OF BIOCHEMISTRY
INSTITUTE OF MEDICAL SCIENCES
BANARAS HINDU UNIVERSITY

DEPARTMENTAL SEMINAR 2019 (PG/ PhD/ Faculty)
Time 11am -12 Noon on Tuesday

Date	Name	Topic
01/01/19	Dr. Manish	Gene Editing
08/01/19	Dr.Shashikant	Microarray
15/01/19	Dr.Neha	Protein Sorting
22/01/19	Dr.Prachi	Cytoskeleton
29/01/19	Dr. Vivek	Glycosaminoglycan
05/02/19	Anand Kesari	Advancement in nanotechnology
12/02/19	Atul Srivastava	Obesity and insulin resistance
26/02/19	Dr.Jyotsna	Free radical and antioxidant
05/03/19	Dr. Kamlesh	Transport across membrane
12/03/19	Dr.Paresh	Cell to cell communication
26/03/19	Kulsoom	Molecular Basis of Cancer
02/04/19	Tulika	An insight into parkinson's disease
09/04/19	Susheel	Platelet derived microparticle
16/04/19	Deepa	Point of care testing
23/04/19	Eklakh	Molecular diagnostic
30/04/19	Deepa	Mitochondrial DNA
07/05/19	Susheel	CRISPR CAS
14/05/19	Dr. Renu Kumari	Cell signaling
21/05/19	Dr. Manish	Animal experimentation
28/05/19	Dr.Neha	Enzyme
04/06/19	Dr.Prachi	Adipose tissue: an endocrine organ
11/06/19	Dr. Vivek	Protein translation and post translation modification
18/06/19	Anand Kesari	Protein targeting , sorting and degradation
25/06/19	Atul Srivastava	Cancer metabolism
02/07/19	Dr.Jyotsna	Xenobiotics
09/07/19	Dr. Kamlesh	Antigen presenting cell
16/07/19	Dr.Paresh	Membrane channel and pump
23/07/19	Kulsoom	Declaration of Helsinki
30/07/19	Tulika	Cell communication
06/08/19	New PG 1	Stem cell Technology
13/08/19	New PG 2	Shh signaling
20/08/19	New PG3	Glutamate mediated excitotoxicity on platelet
27/08/19	Deepa	Necroptosis
03/09/19	Susheel	Clinical laboratory testing and solution
17/09/19	Dr. Renu Kumari	Cytokines and its role in

		inflammation
24/09/19	Dr. Manish	HPLC principal and their application
01/10/19	Dr.Neha	Cancer Immunotherapy
15/10/19	Dr.Prachi	Decoding the Brain: The mystery of memory
22/10/19	Dr. Vivek	Animal house management
05/11/19	Anand Kesari	Isolation and Characterization of Mycobacteriophage
19/1/19	Atul Srivastava	How to write successful grant application
26/11/19	Dr.Jyotsna	Thesis presentation
03/12/19	Dr. Kamlesh	Validation of Herbal Drug
10/12/19	Dr.Paresh	Basic Mouse handling and technique guide
17/12/19	Kulsoom	Real time PCR
24/12/19	Tulika	Enzyme and its application
31/12/19	New PG 1	Molecular technique

**Department of Biochemistry
IMS, BHU.**

BDS theory class schedule

December 2018 - January 2019

Date	Time	Teacher	Topic assigned
03.12.18 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
7.12.18 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
10.12.18 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
14.12.18 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
17.12.18 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
21.12.18 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
24.12.18 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
28.12.18 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme

			activity is altered, and isoenzymes)
31.12.18 MONDAY	10-11 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins and functions of relevant vitamins
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
04.1.19 FRIDAY	10-11 AM	Dr. P. Kulkarni	Chemistry of nucleic acids
07.1.19 MONDAY	10-11 AM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
11.1.19 FRIDAY	10-11 AM	Dr. P. Kulkarni	Chemistry of nucleic acids
14.1.19 MONDAY	10-11 AM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
18.1.19 FRIDAY	10-11 AM	Dr. P. Kulkarni	Chemistry of nucleic acids
21.1.19 MONDAY	10-11 AM	Dr. Kamlesh Palandurkar	Metabolism of nucleic acids
	11-12 PM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
25.1.19 FRIDAY	10-11 AM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
28.1.19 MONDAY	10-11 AM	Dr. Kamlesh Palandurkar	Metabolism of nucleic acids

	11-12 PM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
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BDS theory class schedule

February 2019 - March 2019

Date and Day	Time	Teacher	Topic assigned
1.2.19 FRIDAY	10-11 AM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
4.2.19 MONDAY	10-11 AM	Dr. Kamlesh Palandurkar	Metabolism of nucleic acids
	11-12 PM	Dr. S. P. Mishra	Structure of DNA and RNA
8.2.19 FRIDAY	10-11 AM	Dr. S. P. Mishra	Structure of DNA and RNA
11.2.19 MONDAY	10-11 AM	Dr. Kamlesh	Metabolism of nucleic acids
	11-12 PM	Dr. S. P. Mishra	Structure of DNA and RNA
15.2.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Vitamins
18.2.19 MONDAY	10-11 AM	Dr. Paresh	Digestion and assimilation of nutrients (including malabsorption syndromes)
	11-12 PM	Dr. Avijit Mukharjee	DNA replication, transcription and translation, post transcriptional and post translational modifications
22.2.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Vitamins
25.2.19 MONDAY	10-11 AM	Dr. Paresh	Digestion and assimilation of nutrients (including malabsorption syndromes)
	11-12 PM	Dr. Avijit Mukharjee	DNA replication, transcription and translation, post transcriptional and post translational modifications
1.3.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Vitamins
4.3.19 MONDAY	HOLIDAY		
	HOLIDAY		

8.3.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Vitamins
11.3.19 MONDAY	10-11 AM	Dr. Paresh	Digestion and assimilation of nutrients (including malabsorption syndromes)
	11-12 PM	Dr. Avijit Mukharjee	DNA replication, transcription and translation, post transcriptional and post translational modifications
15.3.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Vitamins
18.3.19 MONDAY	10-11 AM	Dr. Paresh	Digestion and assimilation of nutrients (including malabsorption syndromes)
	11-12 PM	Dr. Kamlesh	Vitamins
22.3.19 FRIDAY	HOLIDAY		
25.3.19 MONDAY	10-11 AM	Dr. Jyotsna	Mechanism of gene expression and regulation, principle of genetic engineering and its application in medicine
	11-12 PM	Dr. Kamlesh Palandurkar	Vitamins
29.3.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Vitamins

BDS theory class schedule

April 2019 - May 2019

Date and Day	Time	Teacher	Topic assigned
1.4.19 MONDAY	10-11 AM	Dr. Jyotsna	Mechanism of gene expression and regulation, principle of genetic engineering and its application in medicine
	11-12 PM	Dr. Paresh	Minerals metabolism
5. 4.19 FRIDAY	10-11 AM	Dr. Kamlesh	Biological oxidation and reduction
8.4.19 MONDAY	10-11 AM	Dr. Jyotsna	Mechanism of gene expression and regulation, principle of genetic engineering and its application in medicine
		Dr. Paresh	Minerals metabolism
			Dr. Paresh

12. 4.19 FRIDAY	10-11 AM	Dr. Kamlesh	Biological oxidation and reduction
15.4.19 MONDAY	10-11 AM	Dr. D Dash	Biological basis of inherited disorders and associated sequelae with examples
	11-12 PM	Dr. Paresh	Minerals metabolism
19. 4.19 FRIDAY	HOLIDAY		
22. 4.19 MONDAY	10-11 AM	Dr. Paresh	Biological basis of environmental health hazards, detoxification mechanisms
	11-12 PM	Dr. Jyotsna	HIV-AIDS
26. 4.19 FRIDAY	10-11 AM	Dr. Paresh	Biological basis of environmental health hazards, detoxification mechanisms
29.4.19 MONDAY	10-11 AM	Dr. Jyotsna	HIV-AIDS
	11-12 PM	Dr. Paresh	Biological basis of environmental health hazards, detoxification mechanisms
3. 5.19 FRIDAY	10-11 AM	Dr. Jyotsna	Principles of Various conventional and specialized laboratory investigations and instruments
6. 5.19 MONDAY	10-11 AM	Dr. Paresh	Biological basis of environmental health hazards, detoxification mechanisms
	11-12 PM	Dr. Jyotsna	Principles of Various conventional and specialized laboratory investigations and instruments
10. 5.19 FRIDAY	10-11 AM	Dr. Paresh	Muscle contraction
13. 5.19 MONDAY	10-11 AM	Dr. Jyotsna	Nerve conduction
	11-12 PM	Dr. Paresh	Muscle contraction
17. 5.19 FRIDAY	10-11 AM	Dr. Paresh	Organ function tests
20. 5.19 MONDAY	10-11 AM	Dr. Paresh	Organ function tests
	11-12 PM	Dr. Jyotsna	Nerve conduction
24. 5.19 FRIDAY	10-11 AM	Dr. Paresh	Organ function tests
27. 5.19 MONDAY	10-11 AM	Dr. Jyotsna	Principles of Various conventional and specialized laboratory investigations and instruments
	11-12 PM	Dr. Paresh	Organ function tests
31. 5.19 FRIDAY	10-11 AM	Dr SP Mishra	Theory Integration

BDS theory class schedule

June-July 2019

Date	Time	Teacher	Topic assigned
3.6.1 MONDAY	10-11 AM	Dr. Paresh	Kidney function tests
	11-12 PM	Dr Jyotsna	Nutrition and consequences of malnutrition including PEM
7.6.19 FRIDAY	10-11 AM	Dr. Paresh	Gastric function tests
10.6.19 MONDAY	10-11 AM	Dr Jyotsna	Nutrition and consequences of malnutrition including PEM
	11-12 PM	Dr Jyotsna	Molecular concepts of Body defense/Immunology
14.6.19 FRIDAY	10-11 AM	-	Revision/Tutorial
17.6.19 MONDAY	10-11 AM	Dr. Paresh	Liver function tests
	11-12 PM	Dr Jyotsna	Molecular concepts of Body defense/Immunology
21.6.19 FRIDAY	10-11 AM	Dr. Paresh	Muscle contraction
24.6.19 MONDAY	10-11 AM	Dr Jyotsna	Molecular concepts of Body defense/Immunology
	11-12 PM	Dr Jyotsna	Mechanism of Hormone action including sex hormones
28.6.19 FRIDAY	10-11 AM	Dr Jyotsna	Mechanism of Hormone action including sex hormones
1.7.19 MONDAY	10-11 AM	-	Revision/Tutorial
	11-12 PM		Revision/Tutorial

BDS theory class schedule

August-September 2019

Date	Time	Teacher	Topic assigned
16.08.19 FRIDAY	10-11 AM	Dr. R. Srivastava	Carbohydrates
19.08.19 MONDAY	10-11 AM	Dr. Kamlesh	Molecular and functional organization of cell and its sub-cellular components
	11-12 PM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
23.08.19 FRIDAY	HOLIDAY		

26.08.19 MONDAY	10-11 AM	Dr. Kamlesh	Molecular and functional organization of cell and its sub-cellular components
	11-12 PM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
30.08.19 FRIDAY	10-11 AM	Dr. R. Srivastava	Carbohydrates
02.09.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
06.09.19 FRIDAY	10-11 AM	Dr. R. Srivastava	Carbohydrates
9.09.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
13.09.19 FRIDAY	10-11 AM	Dr. Jyotsna	pH and acid base balance
16.09.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
20.09.19 FRIDAY	10-11 AM	Holiday	
23.09.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
27.09.19 FRIDAY	10-11 AM	Dr. Jyotsna	pH and acid base balance
30.9.19 MONDAY	10-11 AM		
	11-12 PM		

MBBS theory class schedule

October-November 2019

Date	Time	Teacher	Topic assigned
4.10.19 FRIDAY	10-11 AM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
11.10.18 FRIDAY	10-11 AM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
14.10.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
18.10.19 FRIDAY	10-11 AM	Dr. Kamlesh	Molecular and functional organization of cell and its sub-cellular components
21.10.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
25.10.19 FRIDAY	10-11 AM	Dr. Kamlesh	Molecular and functional organization of cell and its sub-cellular components
28.10.19 MONDAY	HOLIDAY		
	HOLIDAY		
1.11.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
4.11.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
8.11.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
11.11.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
15.11.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)

18.11.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
22.11.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
25.11.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
29.11.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)

BDS theory class schedule

December 2019 - January 2020

Date	Time	Teacher	Topic assigned
02.12.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
6.12.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
9.12.19 MONDAY	10-11 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	11-12 PM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
13.12.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
16.12.19 MONDAY	10-11 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water

			soluble vitamins)
	11-12 PM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
20.12.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
23.12.19 MONDAY	10-11 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
	11-12 PM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
27.12.19 FRIDAY	10-11 AM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
30.12.19 MONDAY	10-11 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins and functions of relevant vitamins
	11-12 PM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
03.1.20 FRIDAY	10-11 AM	Dr. P. Kulkarni	Chemistry of nucleic acids
06.1.20 MONDAY	10-11 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins and functions of relevant vitamins
	11-12 PM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
10.1.20 FRIDAY	10-11 AM	Dr. P. Kulkarni	Chemistry of nucleic acids
13.1.20 MONDAY	10-11 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins

			and functions of relevant vitamins
	11-12 PM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
17.1.20 FRIDAY	10-11 AM	Dr. P. Kulkarni	Chemistry of nucleic acids
20.1.20 MONDAY	10-11 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins and functions of relevant vitamins
	11-12 PM	Dr. Kamlesh Palandurkar	Biological oxidation and reduction
24.1.20 FRIDAY	10-11 AM	Dr. S. P. Mishra	Structure of DNA and RNA
27.1.20 MONDAY	10-11 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins and functions of relevant vitamins
	11-12 PM	Dr. Kamlesh Palandurkar	Biological oxidation and reduction
31.1.20 FRIDAY	10-11 AM	Dr. S. P. Mishra	Structure of DNA and RNA

Department of Biochemistry
IMS, BHU.

MBBS theory class schedule

December 2018 - January 2019

Date	Time	Teacher	Topic assigned
05.12.18 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
6.12. 18 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
12.12.18 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
13.12.18 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
19.12.18 Wednesday	8-9 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
	9-10 AM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
20.12.18 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
26.12.18 Wednesday	8-9 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
	9-10 AM	Dr. S. P. Mishra	Metabolism of amino acids and

			proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
27.12.18 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and (isoenzymes)
02.1.19 Wednesday	8-9 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins and functions of relevant vitamins
	9-10 AM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
03.1.19 Thursday	12-1 PM	Dr. P. Kulkarni	Chemistry of nucleic acids
09.1.19 Wednesday	8-9 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins and functions of relevant vitamins
	9-10 AM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
10.1.19 Thursday	12-1 PM	Dr. P. Kulkarni	Chemistry of nucleic acids
16.1.19 Wednesday	8-9 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins and functions of relevant vitamins
	9-10 AM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
17.1.19 Thursday	12-1 PM	Dr. P. Kulkarni	Chemistry of nucleic acids
23.1.19 Wednesday	8-9 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins and functions of relevant vitamins
	9-10 AM	Dr. Kamlesh Palandurkar	Biological oxidation and reduction
24.1.19 Thursday	12-1 PM	Dr. S. P.	Structure of DNA and RNA

		Mishra	
30.1.19 Wednesday	8-9 AM	Dr. D. Dash	Metabolism of lipids, including clinical aspects, Lipoproteins and functions of relevant vitamins
	9-10 AM	Dr. Kamlesh Palandurkar	Biological oxidation and reduction
31.1.19 Thursday	12-1 PM	Dr. S. P. Mishra	Structure of DNA and RNA

MBBS theory class schedule

February 2019 - March 2019

Date and Day	Time	Teacher	Topic assigned
6.2.19 Wednesday	8-9 AM	Dr. Kamlesh	Metabolism of nucleic acids
	9-10 AM	Dr. A. Mukharjee	DNA replication, transcription and translation, post transcriptional and post translational modifications
7.2.19 Thursday	12-1 PM	Dr. Jyotsna	Mechanism of gene expression and regulation, principle of genetic engineering and its application in medicine
13.2.19 Wednesday	8-9 AM	Dr. Kamlesh	Metabolism of nucleic acids
	9-10 AM	Dr. A. Mukharjee	DNA replication, transcription and translation, post transcriptional and post translational modifications
14.2.19 Thursday	12-1 PM	Dr. Jyotsna	Mechanism of gene expression and regulation, principle of genetic engineering and its application in medicine
20.2.19 Wednesday	8-9 AM	Dr. Kamlesh	Metabolism of nucleic acids
	9-10 AM	Dr. A. Mukharjee	DNA replication, transcription and translation, post transcriptional and post translational modifications
21.2.19 Thursday	12-1 PM	Dr. Jyotsna	Mechanism of gene expression and regulation, principle of genetic engineering and its application in medicine
27.2.19 Wednesday	8-9 AM	Dr. A. Mukharjee	DNA replication, transcription and translation, post transcriptional and post

			translational modifications
	9-10 AM	Dr. Paresh	Digestion and assimilation of nutrients (including malabsorption syndromes)
28.2.19 Thursday	12-1 PM	Dr. Kamlesh	Vitamins
6.3.19 Wednesday	8-9 AM	Dr. Dash	Biological basis of inherited disorders and associated sequelae with examples
	9-10 AM	Dr. Paresh	Digestion and assimilation of nutrients (including malabsorption syndromes)
7.3.19 Thursday	12-1 PM	Dr. Kamlesh	Vitamins
13.3.19 Wednesday	8-9 AM	Dr. Dash	Biological basis of inherited disorders and associated sequelae with examples
	9-10 AM	Dr. Paresh	Digestion and assimilation of nutrients (including malabsorption syndromes)
14.3.19 Thursday	12-1 PM	Dr. Kamlesh	Vitamins
20.3.19 Wednesday	8-9 AM	Dr. Jyotsna	Nutrition and consequences of malnutrition including PEM
	9-10 AM	Dr. Kamlesh	Vitamins
27.3.19 Wednesday	8-9 AM	Dr. Jyotsna	Nutrition and consequences of malnutrition including PEM
	9-10 AM	Dr. Kamlesh	Vitamins
28.3.19 Thursday	12-1 PM	Dr. A. Mukharjee	Integration of metabolic pathways (with reference to diabetes mellitus)

MBBS theory class schedule

April 2019 - May 2019

Date and Day	Time	Teacher	Topic assigned
3.4.19 Wednesday	8-9 AM	Dr. Paresh	Minerals metabolism
	9-10 AM	Dr. Kamlesh	Vitamins
4. 4.19 Thursday	12-1 PM	Dr. Jyotsna	Mechanism of Hormone action including sex hormones
10.4.19 Wednesday	8-9 AM	Dr. Paresh	Minerals metabolism
	9-10 AM	Dr. Jyotsna	Molecular concepts of Body defense/Immunology

11. 4.19 Thursday	12-1 PM	Dr. Paresh	Minerals metabolism
18. 4.19 Thursday	12-1 PM	Dr. Jyotsna	Molecular concepts of Body defense/Immunology
24. 4.19 Wednesday	8-9 AM	Dr. Paresh	Biological basis of environmental health hazards, detoxification mechanisms
	9-10 AM	Dr. Jyotsna	HIV-AIDS
25. 4.19 Thursday	12-1 PM	Dr. Paresh	Biological basis of environmental health hazards, detoxification mechanisms
1.5.19 Wednesday	8-9 AM	Dr. Jyotsna	HIV-AIDS
	9-10 AM	Dr. Paresh	Biological basis of environmental health hazards, detoxification mechanisms
2. 5.19 Thursday	12-1 PM	Dr. Jyotsna	Principles of Various conventional and specialized laboratory investigations and instruments, analysis/interpretation of given data (spectrofluorimetry, ELISA, RIA, Blotting techniques, radioactivity measurements). pH, titration, colorimetry, chromatography, TLC, electrophoresis taught in practical classes.
8. 5.19 Wednesday	8-9 AM	Dr. Paresh	Biological basis of environmental health hazards, detoxification mechanisms
	9-10 AM	Dr. Jyotsna	Principles of Various conventional and specialized laboratory investigations and instruments, analysis/interpretation of given data (spectrofluorimetry, ELISA, RIA, Blotting techniques, radioactivity measurements). pH, titration, colorimetry, chromatography, TLC, electrophoresis taught in practical classes.
9. 5.19 Thursday	12-1 PM	Dr. Paresh	Muscle contraction
15. 5.19 Wednesday	8-9 AM	Dr. Jyotsna	Nerve conduction
	9-10 AM	Dr. Paresh	Muscle contraction
16. 5.19 Thursday	12-1 PM	Dr. Paresh	Organ function tests

22. 5.19 Wednesday	8-9 AM	Dr. Paresh	Organ function tests
	9-10 AM	Dr. Jyotsna	Nerve conduction
23. 5.19 Thursday	12-1 PM	Dr. Paresh	Organ function tests
29. 5.19 Wednesday	8-9 AM		Principles of Various conventional and specialized laboratory investigations and instruments, analysis/interpretation of given data (spectrofluorimetry, ELISA, RIA, Blotting techniques, radioactivity measurements). pH, titration, colorimetry, chromatography, TLC, electrophoresis taught in practical classes.
	9-10 AM	Dr. Paresh	Organ function tests
30. 5.19 Thursday	12-1 PM	Dr SP Mishra	Theory Integration

MBBS theory class schedule

June-July 2018

Date	Time	Teacher	Topic assigned
6.6.19 Thursday	12-1 PM	Dr. Jyotsna	Lab techniques
12.6.19 Wednesday	8-9 AM	Dr Paresh	Revision/Tutorial- Protein-amino acid metabolism
	9-10 AM	Dr. A. Mukharjee	Gastric function tests
13.6.19 Thursday	12-1 PM	Dr. Kamlesh	Lab techniques
21.6.19 Wednesday	8-9 AM	Dr. Jyotsna	Revision/Tutorial- Carbohydrates, introduction, classification
	9-10 AM	Dr Paresh	HIV-AIDS
22.6.19 Thursday	12-1 PM	Dr. A. Mukharjee	Detoxification mechanisms, xenobiotics metabolism
26.6.19 Wednesday	8-9 AM	Dr. Kamlesh	Revision/Tutorial- Major metabolic pathways of carbohydrates
	9-10 AM	Dr. Jyotsna	Revision/Tutorial- minor metabolic pathways of carbohydrates
27.6.19 Thursday	12-1 PM	Dr Paresh	Muscle contraction, Nerve conduction
3.7.19 Wednesday	8-9 AM	Dr. A. Mukharjee	Revision/Tutorial- Diabetes mellitus and its complications
	9-10 AM	Dr. Kamlesh	Revision/Tutorial- nucleic acids

			and their metabolism,
4.7.19 Thursday	12-1 PM	Dr. Jyotsna	Revision/Tutorial- structure of DNA, RNA and chromosomes, DNA replication.
10.7.19 Wednesday	8-9 AM	Dr Paresh	Revision/Tutorial- transcription, translation, gene expression and regulation.
	9-10 AM	Dr. A. Mukharjee	Revision/Tutorial- Lipids, introduction, classification, functions.
11.7.19 Thursday	12-1 PM	Dr. Kamlesh	Revision/Tutorial- Lipid metabolism.
17.7.19 Wednesday	8-9 AM	Dr. A. Mukharjee	Revision/Tutorial- Protein structure, classification, functions
	9-10 AM	Dr. Kamlesh	Kidney function tests
18.7.19 Thursday	12-1 PM	Dr. A. Mukharjee	Practical Revision
24.7.19 Wednesday	8-9 AM	Dr. Kamlesh	Practical Revision
	9-10 AM	Dr. Jyotsna	Practical Revision
25.7.19 Thursday	12-1 PM	Dr Paresh	Practical Revision
31.7.19 Wednesday	8-9 AM	Dr. Kamlesh	Practical Revision
	9-10 AM	Dr. Jyotsna	Practical Revision

MBBS theory class schedule

August-September 2019

Date	Time	Teacher	Topic assigned
21.08.9 Wednesday	8-9 AM	Dr. Kamlesh	Molecular and functional organization of cell and its sub-cellular components
	9-10 AM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
22.08.19 Thursday	12-1 PM	Dr. R. Srivastava	Carbohydrates
28.08.19 Wednesday	8-9 AM	Dr. Kamlesh	Molecular and functional organization of cell and its sub-cellular components
	9-10 AM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and

			myoglobin)
29.08.19 Thursday	12-1 PM	Dr. R. Srivastava	Carbohydrates
05.09.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
05.09.19 Thursday	12-1 PM	Dr. R. Srivastava	Carbohydrates
11.09.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
12.09.19 Thursday	12-1 PM	Dr. Jyotsna	pH and acid base balance
18.09.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
19.09.19 Thursday	12-1 PM	Holiday	
25.09.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
26.09.19 Thursday	12-1 PM	Dr. Jyotsna	pH and acid base balance

MBBS theory class schedule

October-November 2019

Date	Time	Teacher	Topic assigned
3.10.19 Thursday	12-1 PM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
10.10.19 Thursday	12-1 PM	Dr. S.P. Mishra	Chemistry of amino acids and proteins (including structure of proteins, hemoglobin and myoglobin)
16.10.19	9-10 AM	Dr. S.P. Mishra	Chemistry of amino acids and proteins

			(including structure of proteins, hemoglobin and myoglobin)
	9-10 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
17.10.19 Thursday	12-1 PM	Dr. Kamlesh	Molecular and functional organization of cell and its sub-cellular components
23.10.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
24.11.19 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
30.10.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
31.10.19 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
06.11.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
07.11.19 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
12.11.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
14.11.19 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
20.11.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
27.11.19	12-1 PM	Dr. Kamlesh	Enzymes including clinical applications

Thursday		Palandurkar	wherein enzyme activity is altered, and isoenzymes)
28.11.19 Wednesday	8-9 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)

MBBS theory class schedule

December 2019

Date	Time	Teacher	Topic assigned
04.11.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
5.11.19 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
11.12.19 Wednesday	8-9 AM	Dr. D. Dash	Chemistry of lipids including biological membranes
	9-10 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
12.12.19 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
18.12.19 Wednesday	8-9 AM	Dr. Avijit Mukharjee	Metabolism of carbohydrates (including clinical aspects and functions of relevant water soluble vitamins)
	9-10 AM	Dr. S. P. Mishra	Metabolism of amino acids and proteins including clinical aspects, relevant hereditary diseases and specialized products as heme etc
19.12.19 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)
26.12.19 Thursday	12-1 PM	Dr. Kamlesh Palandurkar	Enzymes including clinical applications wherein enzyme activity is altered, and isoenzymes)

