**TEACHING SCHEDULE (THEORY & PRACTICAL) 2020 BATCH**

**FEBRUARY**

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| **Believers Church Medical College Hospital****Time Table Theory. For the month of February 2021 for 2020 batch** |
| **Date** | **Day** | **Time** | **Topic** | **Faculty** |
| 08/02/2021 | Mon | 08-09 am | Cell structure and organelles  | Mr. Ajith Peter |
| 09/02/2021 | Tue | 09-10 am | Amino Acid and Classification, Properties of Amino acids | Dr. Anu John |
| 11/02/2021 | Thu | 09-10 am | Bio membrane | Mr. Ajith Peter |
| 15/02/2021 | Mon | 08-09 am | Normal Urine | Dr. Cleetus CC |
| 16/02/2021 | Tue | 09-10 am | Protein Definition and classification, General reaction of Amino acids | Ms. Lynn Thomas |
| 18/02/2021 | Thu | 09-10 am | Enzyme Classification with examples | Dr. Anu John |
| 20/02/2021 | Sat | 12-01 pm | Co-enzymes  | Dr. Cleetus CC |
| 22/02/2021 | Mon | 08-09 am | Structure Function relationship of proteins | Dr. Anu John |
| 23/02/2021 | Tue | 09-10 am | Structural Organization of Protein 10 and 20 structure | Dr. Riju Mathew |
| 25/02/2021 | Thu | 09-10 am | Structural Organization of Protein 30 and 40 structure | Ms. Lynn Thomas |
| 26/02/2021 | Fri | 02-03 pm | Plasma Protein, Normal Level , Functions | Dr. Cleetuc CC |
| 26/02/2021 | Fri | 03-04 pm | Factors effecting enzyme activity | Dr. Riju Mathew |
| 27/02/2021 | Sat | 12-01 pm | Regulation of enzyme activity | Dr. Riju Mathew |

**PRACTICAL**

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| **Date** | **Day** | **Time** | **Topic** | **Faculty** |
| 15/02/2021 | Mon | 02-4:30 pm | Commonly used apparatus, Lab Safety, Biohazards  | All Faculty |
| 16/02/2021 | Tue | 02-4:30 pm | Commonly used apparatus, Lab Safety, Biohazards  | All Faculty |
| 17/02/2021 | Wed | 02-4:30 pm | Commonly used apparatus, Lab Safety, Biohazards  | All Faculty |
| 22/02/2021 | Mon | 02-4:30 pm | Normal Urine | Demonstration class by Dr. Riju MathewPractical-All Faculty |
| 23/02/2021 | Tue | 02-4:30 pm | Normal Urine | Demonstration class by Dr. Riju MathewPractical-All Faculty |
| 24/02/2021 | Wed | 02-4:30 pm | Normal Urine | Demonstration class by Dr. Riju MathewPractical-All Faculty |

**MARCH 2021**

**THEORY**

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| **TEACHING SCHEDULE - MARCH 2021 (THEORY)** |
| **DATE** | **TIME** | **TOPIC** | **FACULTY** |
| 01/03/2021 Monday  | 8:00 - 09:00 AM | Structure - function relationship of protein, denaturation, coagulation  | Dr. Anu John |
| 02/03/2021 Tuesday | 9:00 - 10:00 AM | Mechanism of Enzyme Action | Dr. Riju Mathew |
| 04/03/2021 Thursday | 9:00 - 10:00 AM | Competitive and Non competitive inhibition | Dr. Anu John |
| 05/03/2021 Friday | 8:00 - 09:00 AM | Plasma proteins Acute phase reactants | Dr. Cleetus C.C |
| 06/03/2021 Saturday | 12:00 - 1:00 PM | Colorimetry | Mr. Ajith Peter Lopez |
| 08/03/2021 Monday | 8:00 - 09:00 AM | Formation, disposal of Ammonia, Hyperammonemias  | Dr. Riju Mathew |
| 09/03/2021 Tuesday | 9:00 - 10:00 AM | hemoglobin structure, types, derivatives | Ms. Lynn Elizabeth Thomas |
| 12/03/2021 Friday | 8:00 - 09:00 AM | Digestion and Absorption of proteins | Ms. Lynn Elizabeth Thomas |
| 12/03/2021 Friday | 02:00 - 03:00 PM | Chemistry of carbohydrate classification, Isomerism, glycosidic bond | Mr. Ajith Peter Lopez |
| 12/03/2021 Friday | 03:00 - 04:00 PM | Monosaccharides, Disaccharides and their Biological importance | Dr. Riju Mathew |
| 15/03/2021 Monday | 8:00 - 09:00 AM | Polysaccharides, Blood group Antigens | Ms. Lynn Elizabeth Thomas |
| 16/03/2021 Tuesday | 9:00 - 10:00 AM | Allosteric, Feedback and suicide Inhibition | Dr. Anu John |
| 18/03/2021 Thursday | 9:00 - 10:00 AM | Glycine metabolism | Dr. Anu John |
| 19/03/2021 Friday | 8:00 - 09:00 AM | Heme synthesis and Regulation | Dr. Cleetus C.C |
| 20/03/2021 Saturday | 12:00 - 1:00 PM | Structure of DNA , RNA | Mr. Ajith Peter Lopez |
| 22/03/2021 Monday | 8:00 - 09:00 AM | Classification of lipids, fatty acids with examples | Ms. Lynn Elizabeth Thomas |
| 23/03/2021 Tuesday | 9:00 - 10:00 AM | GAG, Mocopoly saccharidosis, Importance of glyco proteins | Dr. Anu John |
| 25/03/2021 Thursday | 9:00 - 10:00 AM | Urea cycle | Dr. Riju Mathew |
| 26/03/2021 Friday | 8:00 - 09:00 AM | Heme Metabolism | Dr. Cleetus C.C |
| 26/03/2021 Friday | 02:00 - 03:00 PM | Digestion and Absorption of Carbohydrates | Mr. Ajith Peter Lopez |
| 26/03/2021 Friday | 03:00 - 04:00 PM | Jaundice - Types, congenital hyperbilirubinemias | Dr. Cleetus C.C |
| 27/03/2021 Saturday | 12:00 - 1:00 PM | Nucleotide metabolism | Dr. Cleetus C.C |
| 29/03/2021 Monday | 8:00 - 09:00 AM | Nucleotide metabolism | Dr. Cleetus C.C |
| 30/03/2021 Tuesday | 9:00 - 10:00 AM | Porphyrias | Dr. Anu John |

**PRACTICAL**

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| **TEACHING SCHEDULE - MARCH 2021 (PRACTICAL)** |
| **DATE** | **TIME** | **TOPIC** | **FACULTY** |
| 01/03/2021 Monday  | 02:00 - 04:00 PM | Normal urine - Inorganic constituents | All Faculty |
| 02/03/2021 Tuesday | " | " | " |
| 03/03/2021 Wednesday | " | " | " |
| 08/03/2021 Monday  | 02:00 - 04:00 PM | Abnormal Urine | All Faculty |
| 09/03/2021 Tuesday | " | " | " |
| 10/03/2021 Wednesday | " | " | " |
| 15/03/2021 Monday  | 02:00 - 04:00 PM | Estimation of Plasma Glucose | All Faculty |
| 16/03/2021 Tuesday | " | " | " |
| 17/03/2021 Wednesday | " | " | " |
| 22/03/2021 Monday  | 02:00 - 04:00 PM | Estimation of Serum total protein | All Faculty |
| 23/03/2021 Tuesday | " | " | " |
| 24/03/2021 Wednesday | " | " | " |
| 29/03/2021 Monday  | 02:00 - 04:00 PM | Estimation of Serum Albumin | All Faculty |
| 30/03/2021 Tuesday | " | " | " |
| 31/03/2021 Wednesday | " | " | " |

**APRIL 2021**

**THEORY**

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| **TEACHING SCHEDULE - APRIL 2021 (THEORY)** |
| **DATE** | **TIME** | **TOPIC** | **FACULTY** |
| 08/04/2021 Thursday | 9:00 - 10:00 AM | Monosaccharides, Disaccharides  | Dr. Riju Mathew |
| 09/04/2021 Friday | 8:00 - 09:00 AM | Polysaccharides, Blood group Antigens | Ms. Lynn Elizabeth Thomas |
| 10/04/2021 Saturday | 8:00 - 09:00 AM | Phospho Lipids & spingolipids | Ms. Lynn Elizabeth Thomas |
| 10/04/2021 Saturday | 2:00 - 3:00 PM | Nucleotide metabolism | Dr. Cleetus C.C |
| 10/04/2021 Saturday | 3:00 - 4:00 AM | Digestion & absorption of carbohydrates | Mr. Ajith Peter Lopez |
| 12/4/2021 Monday | 8:00 - 09:00 AM | Arginine, Lysine, Polyamines | Mr. Ajith Peter Lopez |
| 13/04/2021 Tuesday | 9:00 - 10:00 AM | Beta Oxidation | Dr. Riju Mathew |
| 15/04/2021 Thursday | 9:00 - 10:00 AM | Liver function tests | Ms. Lynn Elizabeth Thomas |
| 16/04/2021 Friday | 8:00 - 09:00 AM | Glycolysis | Dr. Anu John |
| 17/04/2021 Saturday | 12.00 - 1.00 PM | Beta oxidation of fatty acids | Dr. Riju Mathew |
| 23/4/2021 Friday | 8:00 - 09:00 AM | Glycolysis | Dr. Anu John |
| 23/4/2021 Friday | 2:00 - 3:00 PM | Nucleotide metabolism | Dr. Cleetus C.C |
| 23/4/2021 Friday | 3:00 - 4:00 AM | Fatty acid synthesis | Dr. Riju Mathew |
| 24/04/2021 Saturday | 12.00 - 1.00 PM | Amino acid metabolism | Dr. Anu John |
| 26/4/2021 Monday | 8:00 - 09:00 AM | Gluconeogenesis | Dr. Cleetus C.C |
| 27/04/2021 Tuesday | 9:00 - 10:00 AM | Aromatic Amino acid Metabolism | Dr. Anu John |
| 29/04/2021 Thursday | 9:00 - 10:00 AM | Aromatic Amino acid Metabolism | Dr. Anu John |
| 30/4/2021 Friday | 8:00 - 09:00 AM | Gluconeogenesis | Dr. Cleetus C.C |

**PRACTICAL**

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| **TEACHING SCHEDULE - APRIL 2021 (PRACTICAL)** |
| **DATE** | **TIME** | **TOPIC** | **FACULTY** |
| 05/04/2021 Monday  | HOLIDAY |
| 06/04/2021 Tuesday | HOLIDAY |
| 07/04/2021 Wednesday | 02:00 - 04:00 PM | Estimation of Urea | All Faculty |
| 08/04/2021 Thursday | 02:00 - 04:00 PM | " | " |
| 09/04/2021 Friday | 02:00 - 04:00 PM | " | " |
| 12/04/2021 Monday  | 02:00 - 04:00 PM | Estimation of Creatinine | All Faculty |
| 13/04/2021 Tuesday | 02:00 - 04:00 PM | " | " |
| 14/04/2021 Wednesday | HOLIDAY - VISHU |
| 19/04/2021 Monday  | NO CLASS - UNIVERSITY EXAM |
| 20/04/2021 Tuesday |
| 21/04/2021 Wednesday |
| 26/04/2021 Monday  | 02:00 - 04:00 PM | Estimation of Bilirubin | All Faculty |
| 27/04/2021 Tuesday | " | " | " |
| 28/04/2021 Wednesday | " | " | " |

**MAY 2021**

**THEORY**

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| **TEACHING SCHEDULE - MAY 2021 (THEORY)** |
| **DATE** | **TIME** | **TOPIC** | **FACULTY** |
| 10/05/2021 Monday | 8:00 - 09:00 AM | Aromatic Amino acid Metabolism | Dr. Anu John |
| 11/05/2021 Tuesday | 9:00 - 10:00 AM | Riboflavin, Biotin | Dr. Anu John |
| 14/05/2021 Friday | 8:00 - 09:00 AM | Thiamine, Pyridoxine, Niacin | Dr. Anu John |
| 15/05/2021 Saturday | 12.00 - 1.00 PM | Vitamins - Introduction & Vitamin A - Metabolic Role  | Mr. Ajith Peter Lopez |
| 17/5/2021 Monday | 8:00 - 09:00 AM | Nucleotide Analogues, High energy compounds | Dr. Cleetus C.C |
| 18/05/2021 Tuesday | 9:00 - 10:00 AM | Aromatic Amino acid Metabolism | Dr. Anu John |
| 20/05/2021 Thursday | 9:00 - 10:00 AM | Fate of pyruvate | Dr. Anu John |
| 21/05/2021 Friday | 8:00 - 09:00 AM | Amino acid metabolism | Dr. Anu John |
| 21/05/2021 Friday | 2:00 - 3:00 PM | SDL - Vitamin D, Vitamin E, Vitamin K | All faculty |
| 21/05/2021 Friday | 3:00 - 4:00 AM | ASSESSMENT | All faculty |
| 22/05/2021 Saturday | 12.00 - 1.00 PM | Fatty acid synthesis, Cholesterol synthesis and regulation | Dr. Riju Mathew |
| 24/5/2021 Monday | 8:00 - 09:00 AM | Glycogen metabolism | Dr. Cleetus C.C |
| 25/05/2021 Tuesday | 9:00 - 10:00 AM | Sulpher containing amino acid metabolism | Dr. Anu John |
| 27/05/2021 Thursday | 9:00 - 10:00 AM | Glycogen metabolism | Dr. Cleetus C.C |
| 28/5/2021 Friday | 8:00 - 09:00 AM | Lipoprotein metabolism | Dr. Riju Mathew |
| 29/05/2021 Saturday | 12.00 - 1.00 PM | Digestion of lipids and Absorption | Ms. Lynn Elizabeth Thomas |
| 31/5/2021 Monday | 8:00 - 09:00 AM | Sulpher containing amino acid metabolism | Dr. Anu John |

**JUNE 2021**

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| **TEACHING SCHEDULE - JUNE 2021 (THEORY)** |
| **DATE** | **TIME** | **TOPIC** | **FACULTY** |
| 1/6/2021 Tuesday | 9:00 - 10:00 AM | SDL - Vitamin B12 and Folic Acid | Dr. Anu John |
| 03/06/2021 Thursday | 9:00 - 10:00 AM | Hemoglobinopathies | Dr. Anu John |
| 4/06/2021 Friday | 8:00 - 09:00 AM | Lipoprotein metabolism | Dr. Riju Mathew |
| 4/06/2021 Friday | 2:00 - 3:00 PM | Adipose tissue metabolism white and brown adipose tissue | Ms. Lynn Elizabeth Thomas |
| 4/06/2021 Friday | 3:00 - 4:00 AM | Liver - Adipose tissue axis obesity metabolic syndrome | Mr. Ajith Peter Lopez |
| 05/06/2021 Saturday | 12.00 - 1.00 PM | Glycogen storage disorders | Dr. Cleetus C.C |
| 07/6/2021 Monday | 8:00 - 09:00 AM | Eicosanoids | Ms. Lynn Elizabeth Thomas |
| 8/6/2021 Tuesday | 9:00 - 10:00 AM | SDL - Pantothenic Acid, Vitamin C | Dr. Anu John |
| 10/06/2021 Thursday | 9:00 - 10:00 AM | Regulation of blood glucose | Dr. Anu John |
| 11/06/2021 Friday | 8:00 - 09:00 AM | Cholestrol derivatives, Bile acids | Dr. Cleetus C.C |
| 12/06/2021 Saturday | 12.00 - 1.00 PM | Ketone body metabolism | Dr. Cleetus C.C |
| 14/6/2021 Monday | 8:00 - 09:00 AM | Lipid profile, hyper and hypo lipidemias | Dr. Riju Mathew |
| 15/6/2021 Tuesday | 9:00 - 10:00 AM | Integration of Metabolism | Dr. Anu John |
| 17/06/2021 Thursday | 9:00 - 10:00 AM | Iron metabolism | Mr. Ajith Peter Lopez |
| 18/06/2021 Friday | 8:00 - 09:00 AM | Ketosis, Ketoacidosis | Dr. Cleetus C.C |
| 18/06/2021 Friday | 2:00 - 3:00 PM | Lipoprotein and atherosclerosis | Dr. Riju Mathew |
| 18/06/2021 Friday | 3:00 - 4:00 AM | Insulin  | Dr. Anu John |
| 19/06/2021 Saturday | 12.00 - 1.00 PM | TCA Cycle | Dr. Riju Mathew |
| 21/6/2021 Monday | 8:00 - 09:00 AM | Calcium, Phosphorus (SDL) | Dr. Anu John |
| 22/6/2021 Tuesday | 9:00 - 10:00 AM | Copper, Magnesium, Iodine (SDL) | Dr. Anu John |
| 24/06/2021 Thursday | 9:00 - 10:00 AM | HMP shunt pathway | Ms. Lynn Elizabeth Thomas |
| 25/06/2021 Friday | 8:00 - 09:00 AM | Polyol pathway, uronic acid pathway galactose and fructose metabolism | Mr. Ajith Peter Lopez |
| 26/06/2021 Saturday | 12.00 - 1.00 PM | Glucagon and other hypo glycemic hormones  | Dr. Anu John |
| 28/6/2021 Monday | 8:00 - 09:00 AM | Zinc, Selenenium, Fluorine all other minerals (SDL) | Dr. Anu John |
| 29/6/2021 Tuesday | 9:00 - 10:00 AM | Diabetes Mellitus | Dr. Anu John |

**JULY 2021**

**THEORY**

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| **TEACHING SCHEDULE - JULY 2021 (THEORY)** |
| **DATE** | **TIME** | **TOPIC** | **FACULTY** |
| 01/07/2021 Thursday | 9:00 - 10:00 AM | Diabetes Mellitus | Dr. Anu John |
| 2/07/2021 Friday | 8:00 - 09:00 AM | Diabetes Mellitus | Dr. Anu John |
| 2/07/2021 Friday | 2:00 - 3:00 PM | Diabetes Mellitus | Dr. Anu John |
| 2/07/2021 Friday | 3:00 - 4:00 AM | Hemoglobinopathy - Thalassemia | Dr. Anu John |
| 05/7/2021 Monday | 8:00 - 09:00 AM | Nucleic Acid chemistry | Dr. Cleetus C.C |
| 6/7/2021 Tuesday | 9:00 - 10:00 AM | Integration of Metabolism (class 2) | Dr. Anu John |
| 8/07/2021 Thursday | 9:00 - 10:00 AM | Renal Function tests | Dr. Riju Mathew |
| 9/07/2021 Friday | 8:00 - 09:00 AM | Clinical enzymology | Ms. Lynn Elizabeth Thomas |
| 10/07/2021 Saturday | 12.00 - 1.00 PM | Xenobiotics, Detoxification | Mr. Ajith Peter Lopez |
| 12/7/2021 Monday | **INTERNAL EXAMINATION (THEORY)** |
| 13/7/2021 Tuesday | 9:00 - 10:00 AM | Cell cycle | Dr. Cleetus C.C |
| 15/07/2021 Thursday | 9:00 - 10:00 AM | Replication | Dr. Anu John |
| 16/07/2021 Friday | 8:00 - 09:00 AM | ETC | Dr. Riju Mathew |
| 16/07/2021 Friday | 2:00 - 3:00 PM | Clinical enzymology, Isoenzymes | Ms. Lynn Elizabeth Thomas |
| 16/07/2021 Friday | 3:00 - 4:00 AM | DNA repair mechanisms, TELOMERASE | Dr. Anu John |
| 17/07/2021 Saturday | 12.00 - 1.00 PM | RIA, ELISA - Use of Antigen Antibody reaction | Mr. Ajith Peter Lopez |
| 19/7/2021 Monday | 8:00 - 09:00 AM | SDL - Zinc, Selenium and other minerals | Dr. Anu John |
| 20/7/2021 Tuesday | HOLIDAY |
| 22/07/2021 Thursday | 9:00 - 10:00 AM | Transcription & Post transcriptional modifications | Dr. Anu John |
| 23/07/2021 Friday | 8:00 - 09:00 AM | Extracellular Matrix | Ms. Lynn Elizabeth Thomas |
| 24/07/2021 Saturday | 12.00 - 1.00 PM | Fatty liver, Lipotropic factors | Mr. Ajith Peter Lopez |
| 26/7/2021 Monday | 8:00 - 09:00 AM | ETC | Dr. Riju Mathew |
| 27/7/2021 Tuesday | 9:00 - 10:00 AM | Genetic Code | Dr. Anu John |
| 29/07/2021 Thursday | 9:00 - 10:00 AM | TRANSLATION | Dr. Cleetus C.C |
| 30/07/2021 Friday | 8:00 - 09:00 AM | Post translational modification | Dr. Cleetus C.C |
| 30/07/2021 Friday | 2:00 - 3:00 PM | Regulation of gene expression in prokaryotes | Dr. Anu John |
| 30/07/2021 Friday | 3:00 - 4:00 AM | Thyroid Function Tests | Mr. Ajith Peter Lopez |
| 31/07/2021 Saturday | 12.00 - 1.00 PM | Prion disease, Protein Folding | Ms. Lynn Elizabeth Thomas |

**PRACTICAL**

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| **TEACHING SCHEDULE - JULY 2021 (PRACTICAL)** |
| **DATE** | **TIME** | **TOPIC** | **FACULTY** |
| 05/07/2021 Monday | 02:00 - 04:00 PM | Urine creatinine estimation, Demonstration Experiments - Total Cholesterol, HDL ,Triglyceride | All Faculty |
| 06/07/2021 Tuesday | " | " | " |
| 07/07/2021 Wednesday | " | " | " |
| 12/07/2021 Monday | 02:00 - 04:00 PM | Demonstration Experiment - Calcium, Phosphorus Small Group Discussion & Short Test Topic - Regulation of blood glucose, Insulin, Diabetes mellitus, GTT | All Faculty |
| 13/07/2021 Tuesday | " | " | " |
| 14/07/2021 Wednesday | " | " | " |
| 19/07/2021 Monday | 02:00 - 04:00 PM | Demonstration Experiment - ALT, AST, ALP Case Discussion & Short Test Topic - LFT | All Faculty |
| 20/07/2021 Tuesday | HOLIDAY |
| 21/07/2021 Wednesday | 02:00 - 04:00 PM | Demonstration Experiment - ALT, AST, ALP Case Discussion & Short Test Topic - LFT | All Faculty |
| 22/07/2021 Thursday | " | " | " |
| 26/07/2021 Monday | 02:00 - 04:00 PM | Seminar and Short Test Topic - Nucleic Acid Chemistry, Replication, DNA repair | All Faculty |
| 27/07/2021 Tuesday | " | " | " |
| 28/07/2021 Wednesday | " | " | " |