PHASE-1 / COMMITTEE-1 AIM(S)

1.	In this committee, it is aimed that the students comprehend the molecular, biochemical, and histological properties of the cell, which is the building block of the human body.
2.	In this committee, it is aimed that the students learn the functional groups and related reactions in the metabolic pathways and biomolecules.
3.	In this committee, it is aimed that the students comprehend the differences and similarities in the genome organizations of living things.
4.	In this committee, it is aimed that the students comprehend the structures and functions of nucleic acids and proteins, which are two important components of living things at the molecular level.
5.	In this committee, it is aimed that the students comprehend the structure and functions of the membrane in the structure of a cell.
6.	In this committee, it is aimed that the students comprehend the structure and functions of the organelles of the eukaryotic cell, the structure of the nucleus and chromatin.
7.	In this committee, it is aimed that students comprehend the importance of basic public health practice areas, medicine, and method knowledge of medicine.
8.	In this committee, it is aimed that the students comprehend the biostatistics subjects and application areas and basic information about it.

PHASE-1 / COMMITTEE-1 OBJECTIVE(S)

1.	To be able to explain the concept of measurement, significant figures, and the SI system
2.	To be able to explain the relationship between scaling and size and function in living things
3.	To be able to explain the relationship between force, balance, motion, and the human body
4.	To be able to explain the relationship between energy, power, and metabolic rate
5.	To be able to describe the most commonly used histological techniques for histological examination of cells and tissues at the light microscope level
6.	To be able to explain the general histological structure of the cell, the structure and functions of cytoplasm, nucleus, cell membrane and organelles
7.	To be able to describe the types of cell division, all the stages of cell division and the mechanisms that control divisions
8.	To be able to explain the types of cell death and the factors affecting these processes
9.	To be able to explain the features, working principles and usage of the light microscope and to be able to define the cell's nucleus/cytoplasm separation microscopically
10.	To be able to explain the concepts of medical biology and medical genetics
11.	To be able to describe the molecular mechanisms of cellular functioning
12.	To be able to associate the deterioration of molecular mechanisms with diseases
13.	To be able to explain the concepts of science, medicine, and medicine by giving information about the past of medicine and to be able to gain foresight about the future
14.	To be able to explain chemical and biochemical terminology, organic molecules, and functional groups
15.	To be able to describe biomolecules and methods of separating biomolecules
16.	To be able to describe the chemical structure and membrane transport of biological membranes
17.	To be able to explain the chemical structure of cells and cell organelles and the biochemical mechanisms of the cell
18.	To be able to explain the concepts of body water balance and concentration, to be able to define medical biochemistry laboratory materials
19.	To be able to explain research planning and data collection methods

PHASE-1 / COMMITTEE-1 INTENDED LEARNING OUTCOME(S)

1.	Can explain the concept of measurement, significant figures, and the SI system.
2.	Can explain the relationship between scaling and size and function in living things.
3.	Can explain the relationship between force, balance, motion, and the human body.
4.	Can explain the relationship between energy, power, and metabolic rate.
5.	Can describe the most commonly used histological techniques for histological examination of cells and tissues at the light microscope level.
6.	Can explain the general histological structure of the cell, the structure and functions of cytoplasm, nucleus, cell membrane and organelles.
7.	Can describe the types of cell division, all the stages of cell division and the mechanisms that control divisions.
8.	Can explain the types of cell death and the factors affecting these processes.
9.	Can explain the features, working principles and usage of the light microscope and can define the cell's nucleus/cytoplasm separation microscopically.
10.	Can explain the concepts of medical biology and medical genetics.
11.	Can describe the molecular mechanisms of cellular functioning.
12.	Can associate the deterioration of molecular mechanisms with diseases.
13.	Can explain the concepts of science, medicine, and medicine by giving information about the past of medicine and can gain foresight about the future.
14.	Can explain chemical and biochemical terminology, organic molecules, and functional groups.
15.	Can describe biomolecules and methods of separating biomolecules.
16.	Can describe the chemical structure and membrane transport of biological membranes.
17.	Can explain the chemical structure of cells and cell organelles and the biochemical mechanisms of the cell.
18.	Can explain the concepts of body water balance and concentration, can define medical biochemistry laboratory materials.
19.	Can explain research planning and data collection methods.