**MONTHLY LESSON PLAN**

**B. Sc. MEDICAL 1st SEMESTER**

**SUBJECT: ZOOLOGY, SESSION 2022-23**

|  |  |
| --- | --- |
| **CMG GCW BHOIA KHERA, FATEHABAD** | |
| **Name Of The Assistant/ Associate Professor** | **Dr. Vijay Singh** |
| **Class** | **B.Sc I(Medical) 1st Semester** |
| **Subject:** | **Zoology paper- I** |
| **Nomenclature:** | **Paper- I Life And Diversity From Protozoa To Porifera And Cell Biology -I** |
| **Month** | **Topics** |
| **August 2022** | Orientation for new comers  Protozoa: general characters and classification up to order level  Protozoa: biodiversity and economic importance  Type study of *plasmodium*  Life history, mode of infection and pathogenecity of *Entamoeba*  Life history, mode of infection and pathogenecity of *Trypanosoma*  Life history, mode of infection and pathogenecity of *Leishmania*  Life history, mode of infection and pathogenecity of *Giardia*  Test protozoa |
| **September 2022** | Type study of *plasmodium*  Life history, mode of infection and pathogenecity of *Entamoeba*  Life history, mode of infection and pathogenecity of *Trypanosoma*  Life history, mode of infection and pathogenecity of *Leishmania*  Life history, mode of infection and pathogenecity of *Giardia*  Test protozoa  Porifera: general characters and classification up to order level  Porifera: biodiversity and economic importance |
| **Octuber 2022** | Type study – *sycon*  Canal system in sponges  Spicules in sponges  Revision and doubts: porifera  Test: porifera Introduction of cell  Plasma membrane  Endoplasmic Reticulum |
| **Novenber 2022** | Golgi Body  Ribosomes  Assignment : Life cycles and pathogenicity of parasitic Protozoans  Lysosomes  Mitochondria  Cytoskeleton: Microtubules and Microfilaments |
| **December 2022** | Centriole and Basal Body  Cilia and Flagella  Test of Cell Biology Revision and doubts  Revision and doubts |

**Dr. Vijay Singh**

**Associate Professor of Zoology**