**MONTHLY LESSON PLAN**

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

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

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| **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 comersProtozoa: general characters and classification up to order levelProtozoa: biodiversity and economic importanceType 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 protozoaPorifera: general characters and classification up to order levelPorifera: biodiversity and economic importance |
| **Octuber 2022** | Type study – *sycon*Canal system in spongesSpicules in spongesRevision and doubts: poriferaTest: porifera Introduction of cellPlasma membraneEndoplasmic Reticulum |
| **Novenber 2022** | Golgi BodyRibosomesAssignment : Life cycles and pathogenicity of parasitic ProtozoansLysosomesMitochondriaCytoskeleton: Microtubules and Microfilaments |
| **December 2022** | Centriole and Basal BodyCilia and FlagellaTest of Cell Biology Revision and doubts Revision and doubts  |

 **Dr. Vijay Singh**

 **Associate Professor of Zoology**