

EXPERIMENT NO: 04

AIM OF THE EXPERIMENT:

To Study about the Microscopical observation of different microbes through readymade slides.

THEORY

Microorganism:-

Those Organism which are not seen with naked eyes. It is also known as microbes.

Classification of Microorganism:

Bacteria:

- They are single celled microorganism.
- Bacteria can be seen by microscope.
- Example: Lactobacillus.

Fungi:

- They are multicellular organism.
- Heterotopic nutrition.
- Fungi are non-green plants.
- They cannot synthesize their own food.
- Example: Penicillium.

Protozoa:

- They are both Unicellular and multicellular organism.
- They found in Water.
- They causes diseases in human & animals.
- Example: Amoeba, Plasmodium

Algae:

- They are both Unicellular and multicellular
- Autotrophic nutrition.
- Chlorophyll present.
- Example: Spirogyra.

Virus:

- Virus are only microbes which require host cell to reproduce.
- Example:- Polio Virus, Influenza Virus

REQUIREMENTS:

- Slides of different microorganisms.
- Microscope.

PROCEDURE:

- Place the slide of a known microorganism on a microscope.
- Focus the microscope until the image is clear.
- Take a photo of image by placing your laptops cameras on the eye piece.
- Repeat experiment with other microorganism.

RESULT:

Draw the image.

The study of observation of different microorganism using microscope is done.