

NSMCH BIHTA PATNA
COMMUNITY MEDICINE

INFRASTRUCTURE:

The Community Medicine Museum OF NSMCH, BIHTA, Patna serves as a dynamic educational space dedicated to exploring the vital role of public health and community medicine.

➤ **MUSEUM**

Through engaging exhibits and interactive experiences, the museum aims to raise awareness about better understanding of family planning methods, nutrition, entomology, lifecycle of parasites, environment, sanitation, insecticides, disinfectants and vaccines under NIS.

Through engaging exhibits and interactive experiences, the museum highlights the importance of community medicine in control of vector borne diseases and non-communicable disease, the importance of understanding life cycles in vector borne diseases, nutrition and the significance of contraception in community well-being.

Exhibits:

1. Entomology and Public Health:

- **Insects and Disease:**
- Displays stages of development of vectors such as mosquitoes, ticks, fly, louse, mite, cyclops.
- Display on how insects (e.g., mosquitoes, ticks) transmit diseases and their impact on community health.
- Interactive models illustrating the life cycles of disease-carrying insects.
- **Vector Control Measures:**
 - Information on strategies for controlling insect populations to reduce disease transmission, including community initiatives and personal protective measures.

2. Life Cycle Studies:

- **Understanding Life Cycles:**
 - Interactive displays on the life cycles of common insects and their ecological roles.
- **Human Development:**
 - Educational resources on human life cycles, emphasizing stages of development and their health implications.

3. Contraception and Reproductive Health:

- **Contraceptive Methods:**

- Overview of various contraceptive methods (hormonal, barrier, natural) and their effectiveness.
- Interactive resources to help students understand the options and help beneficiaries to make informed choices.

4. Vaccines:

- Vaccines under National Immunization Programme, Adult immunization and Traveller's vaccination; with their dose, schedule and mode of administration.

5. Nutrition Fundamentals:

- **Understanding Nutrients:**

- Interactive displays explaining macronutrients (carbohydrates, proteins, fats) and micronutrients (vitamins, minerals), including their roles in maintaining health.

- **Balanced Diet:**

- Visual guides illustrating how to create balanced meals using the food pyramid.

- **Food Adulteration:**

- **Common Adulterants:**

- Displays highlighting common food items that are often adulterated (e.g., milk, spices, oils) and the health risks associated with their consumption.

6. Environment:

- Models for better understanding of water purification methods such as rapid sand filter, slow sand filter.
- Models of sanitary well, septic tank, bore-hole latrine and biomedical waste management.