

# **CENTRE FOR BACTERIAL DISEASES AND DRUG RESISTANCE**

**Duration of Internship: 6 months**

**January (one candidate per programme)**

**July (One candidate per programme)**

**Two programmes**

**A. Title of programme: Laboratory Detection of Antimicrobial Resistance (AMR)**

**Expected Work Profile**

1. **Phenotypic identification** of clinically relevant bacteria
2. **Antimicrobial Susceptibility testing (AST)** of clinically relevant bacteria
3. **Molecular Characterization** of genotypic determinants of AMR
4. **Development of Work Plan** in the beginning and **submission of report** at the end of the Internship.

**B. Title of programme: AMR surveillance data for action**

**Expected Work Profile**

1. **WHONET Laboratory Configuration:** Acquire the skill of creating a laboratory configuration and modifying data fields and antibiotics
2. **Data entry:** Acquire the skill of entering data in the respective data fields
3. **Data cleaning & analysis:** Ensuring completeness in all data fields and acquiring skill of data analysis
4. **Antibiogram:** Developing antibiograms and using the antibiogram tool
5. **Assessment exercise**