3. OBJECTIVE OF THE PRESENT WORK:

- Analyse the resistance pattern of antibiotics in various infectious diseases.
- Detecting the effectiveness of an antibiotic on different microorganism by observing the lab culture report and comparing with the standard lab data to establish beneficial treatment plan for the patient.
- Categorisation of various microorganisms which are resistant to antibiotics.
- To isolate the organism and study their sensitivity pattern and suggest prevention and control measures.
- To monitor the role of antibiotic prophylaxis and formulate specific control measures to avoid antimicrobial resistance and analyse antimicrobial.
- Comparative study of prescribing pattern, diseases, relevant organism.
- The report thus generated will be used to determine a first line treatment for various infectious diseases.
- The study will also focus on antibiotic sale and cost effectiveness in the treatment.