

# Curriculum Plan

(2022-2023)

Dr. Varsha Singh

Paper name: **Medical Diagnostics**

Class type: B. Sc. (P) II year (Theory)

<b>Unit to be taken</b>	<b>Allocated lectures</b>	<b>Month wise schedule to be followed</b>	<b>Tests/Assignments/Revision/Presentations etc</b>
Unit 1: Introduction to medical diagnostics and its importance Unit 2: Medical diagnostics of body fluids	2 10	August- September	<b>Revision</b>
Unit 3: Medical diagnostics of non-infectious diseases Unit 4: Diagnostics Microbiology	10 5	October November	<b>Assignments Revision</b>
Unit 6: Diagnostics Medical Imaging	3	November	<b>Revision, Test and Assignments corrections</b>

Paper name: **Medical Diagnostics**

Class type: B. Sc. (P) II year (Practical)

<b>Practical</b>	<b>Month wise schedule to be followed</b>	<b>Tests/Assignments/Revision/Presentations etc</b>
1. ABO blood group typing 2. Estimation of blood glucose by kit 3. Determination of bleeding time/clotting time 4. Measurement of blood pressure under normal and stressed conditions	September	<b>Revision</b>
5. Estimation of haemoglobin content using Sahli's haemoglobinometer 6. Total leucocyte count from blood 7. Detecting defects of colour vision by Ishihara Chart	October	<b>Assignments Revision</b>
8. Analysis of Urine for abnormal constituent 9. Interpretation of ECG 10. Medical Imaging Techniques: X ray of bone fracture, MRI, CT Scan	November	<b>Revision, Test and Assignments corrections</b>
REVISION		<b>Revision</b>