

Kisan Dnyanoday Mandal Gudhe's  
**Homoeopathic Medical College**  
& Hospital Shirpur, Dist.Dhule

**ADVANCE TEACHING PROGRAMME (ATP)**

**(ACADEMIC YEAR :2022-23)**

**Subject –** *Physrology*

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## ADVANCE TEACHING PROGRAMME

Month	Topic
	<ul style="list-style-type: none"><li>- Simple &amp; Compound microscope.</li><li>- Collection of Blood samples.</li><li>- Estimation of Haemoglobin content of Blood.</li><li>- Blood group Determination.</li></ul>
	<ul style="list-style-type: none"><li>- Total Leucocyte count.</li><li>- Differential Leucocyte count.</li><li>- Total Red blood cells count.</li><li>- Leishman's Staining of the Blood films.</li></ul>
	<ul style="list-style-type: none"><li>- Erythrocyte sedimentation Rate.</li><li>- Methods of ESR.</li><li>- Abnormal variations of Blood</li><li>- Bleeding Time</li><li>- Clotting Time.</li></ul>

Month	Topic
	<ul style="list-style-type: none"> <li>- Biochemistry Introduction</li> <li>- Colour Reaction of Proteins</li> <li>- Precipitation Test of Proteins</li> <li>- Lipid Profile</li> <li>- Abnormal variations of Proteins</li> </ul>
	<ul style="list-style-type: none"> <li>- Urine - Physical character</li> <li>- Normal &amp; Abnormal constituents of Urine</li> <li>- Sugar Test</li> <li>- Bile Test</li> <li>- Urea Test</li> </ul>
	<ul style="list-style-type: none"> <li>- Sulphur Test</li> <li>- Introduction of Clinical Examination</li> <li>- <del>sp</del> spirometry</li> <li>- Blood Pressure</li> <li>- Systolic &amp; Diastolic Blood Pressure</li> <li>- Clinical Examination of G.I.T.</li> </ul>

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## ADVANCE TEACHING PROGRAMME

Month	Topic
	<ul style="list-style-type: none"><li>- Components of clinical Examination.</li><li>- Test of special senses.</li><li>- Reflexes.</li><li>- Visual Reflexes.</li><li>- Body Temperature.</li><li>- Thermometer.</li><li>- superficial &amp; Deep Reflexes.</li></ul>
	<ul style="list-style-type: none"><li>- Clinical Examination of sensory system.</li><li>- Tendon Jerk.</li><li>- Uses of Hammer.</li><li>- Uses of Lactometer.</li><li>- Uses of spinal Puncture Needle.</li><li>- Clinical Exam<sup>n</sup> of Lymphatic system.</li><li>- Inspection.</li></ul>
	<ul style="list-style-type: none"><li>- Palpation</li><li>- Percussion.</li><li>- Auscultation.</li><li>- Stethoscope part &amp; Uses of it.</li><li>- Revision.</li></ul>