

**PEOPLE'S COLLEGE OF MEDICAL SCIENCES & RESEARCH CENTRE,  
BHANPUR, BHOPAL**

**UNDERGRADUATE COURSE**

**MBBS: MICROBIOLOGY**

<p>Program outcomes</p>	<p>At the end of the course the student shall be able to:</p> <p>To make use of conventional techniques /instruments to perform To perform diagnostic test relevant to clinical screening and diagnosis.</p> <p>The knowledge gained in Microbiology help students to identify and diagnose various diseases.</p> <p>Identify the microscopic structure and correlate elementary ultra structure of various Microorganism and correlate the structure with the functions as a prerequisite for understanding the altered state in various disease processes;</p> <p>Demonstrate knowledge of the basic principles and sequential development of the Microorganism; recognize the clinical stages of development and the effects of common diseases. He/She shall be able to explain the developmental basis of the major Microorganism causing diseases.</p>
<p>Program specific outcomes</p>	<ul style="list-style-type: none"> <li>• Identify Microorganism and culture.</li> <li>• Identify the growth by staining under the microscope;</li> <li>• Understand the principles of Staining and identify the various Microorganism.</li> <li>• Understand the principles of newer Molecular Techniques</li> <li>• Understand clinical diagnosis of diseases by culture, staining and antibiotic susceptibility testing.</li> </ul>
<p>Course outcomes</p>	<p>At the end of the course the student should have a comprehensive knowledge of the bacteria, viruses, parasites and fungus</p>

**Chairman  
Board of Studies  
PCMS & RC**

**Dean  
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**PEOPLE'S COLLEGE OF MEDICAL SCIENCES & RESEARCH CENTRE,  
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**POSTGRADUATE COURSE**

**MD: MICROBIOLOGY**

Program outcomes	<p>A student upon successfully qualifying in the MD(Microbiology) Examinations should be able to :</p> <ul style="list-style-type: none"><li>• Be a competent clinical microbiologist</li><li>• Teach the under graduate students about the general principles of microbiology use in diagnostics.</li><li>• Assess the students understanding of the Microbiology.</li><li>• Work in clinical laboratories for diagnostic work.</li></ul>
Program specific outcomes	<ul style="list-style-type: none"><li>• A MD (Microbiology)student should be aware of recent advances and developments in the field of Microbiology</li></ul>
Course outcomes	<p>At the end of the course the student ,after undergoing the training, should be able to deal effectively with the needs of the medical community and should be competent to handle all problems related to the diagnostic services and recent advances in the subject.</p>

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