

**TEACHING APTITUDE SYLLABUS FOR THE POST OF**  
**ASSISTANT PROFESSOR**

Sl. No.	UNITS	Contents
1	Teaching & Training	<ul style="list-style-type: none"> <li>• Teaching: Concept, Objectives, Levels of teaching (Memory, Understanding and Reflective), Characteristics, and basic requirements.</li> <li>• Teaching methods, new methods of teaching (approach).</li> <li>• Utilization of Basic teaching and basic skills of teaching.</li> <li>• Understanding Learner's characteristics: Characteristics of adolescent and adult learners (Academic, Social, Emotional, and Cognitive), Individual differences.</li> <li>• Factors affecting teaching related to: Teacher, Learner, Support material, Instructional facilities, Learning environment and Institution.</li> <li>• Methods of clinical teaching/ bedside teaching</li> <li>• Learning styles - VARK – Visual, Aural/Auditory, Reading/Writing &amp; Kinesthetic</li> </ul>
2	Communication	<ul style="list-style-type: none"> <li>• Communication: Meaning, types, characteristics and purpose of communication.</li> <li>• Effective communication: Verbal and Non-verbal, Inter-Cultural and group Communications, Classroom communication</li> <li>• Barriers to effective communication</li> <li>• Mass-Media and Society</li> <li>• Teacher-Learner communication</li> <li>• Doctor-Patient communication</li> </ul>
3	Classroom Management	<ul style="list-style-type: none"> <li>• Classroom Management</li> <li>• Practical Classroom Management</li> <li>• Psychology &amp; Classroom Management</li> <li>• Personal Approach to Classroom Management</li> <li>• Ensuring Engagement &amp; Motivation in the Classroom</li> <li>• Routines &amp; Technology in the Classroom</li> <li>• Forming Positive Learning Environments</li> <li>• Disciplinary Problems</li> <li>• Management Strategies for Diverse Classrooms</li> <li>• Managing classroom and other learning environments (clinical, OPD, Practical labs, skill labs, community outreach)</li> </ul>
4	Assessment Methods	<ul style="list-style-type: none"> <li>• Concepts and principles of Learning assessment</li> <li>• Evaluation in choice Based Credit System in Higher education</li> <li>• Computer-based Testing</li> <li>• Consideration of Innovations in evaluation systems</li> <li>• Assessment of clinical competence</li> <li>• Role of observation and feedback in assessment</li> <li>• Structured oral exam, long case, short case and Objective Structured Clinical Exam (OSCE)</li> <li>• Assessment Types: Formative and summative assessment; periodic assessment etc.</li> </ul>

5.	<b>Educational Technologies</b>	<ul style="list-style-type: none"> <li>• Advancement in educational technologies</li> <li>• Information and Communication Technology (ICT): General abbreviations and terminology</li> <li>• Usage of Internet, Intranet, E-mail, Audio and Video-conferencing</li> <li>• ICT and Governance Methods of teaching in Institutions of higher learning: Teacher-centered vs. Learner-centered methods; Off-line vs. Online methods (Swayam, Swayamprabha, MOOCs etc.).</li> <li>• Teaching Support System: Traditional, Modern, and ICT based.</li> </ul>
6.	<b>Educational Psychology</b>	<ul style="list-style-type: none"> <li>• Educational psychology as a discipline</li> <li>• Role of educational psychology - learning and teaching today</li> <li>• Cognitive development: Brain and cognitive development,</li> <li>• Guidelines to teaching: Piaget's theory of cognitive development,</li> <li>• Vygotsky's Sociocultural perspective,</li> <li>• Bronfenbrenner's social context, Self and moral development</li> </ul>
7.	<b>Andragogy in Education</b>	<ul style="list-style-type: none"> <li>• Meaning of Andragogy</li> <li>• Need and importance of Andragogy</li> <li>• Principles of Andragogy</li> <li>• Characteristics of Adult Learners</li> <li>• Competencies of Self-Directed Learning</li> </ul>
8.	<b>Learning and Pedagogy</b>	<ul style="list-style-type: none"> <li>• Concepts of Pedagogy</li> <li>• Meaning of Pedagogy</li> <li>• Steps of Pedagogical Analysis</li> <li>• Concepts of Critical Pedagogy</li> <li>• Development of the concept of pedagogy</li> <li>• Need and importance of Pedagogy</li> <li>• Formulations of Learning Objectives, Teaching-Learning</li> </ul>