

**Syllabus for Ph.D. (Department of Professional Studies) Entrance Exam  
Paper -II**

<b>UNIT-1</b>	<b>Introduction to Interdisciplinary Studies</b>
<ul style="list-style-type: none"> <li>• Understanding the concept of interdisciplinary studies</li> <li>• Historical context and evolution of interdisciplinary approaches</li> <li>• Importance of interdisciplinary research in addressing complex problems</li> <li>• Introduction to key concepts and theories from various disciplines</li> </ul>	
<b>UNIT-2</b>	<b>Research Methods in Interdisciplinary Studies</b>
<ul style="list-style-type: none"> <li>• Qualitative and quantitative research methods</li> <li>• Mixed methods approach in interdisciplinary research</li> <li>• Case study analysis and comparative research</li> <li>• Ethical considerations in interdisciplinary research</li> </ul>	
<b>UNIT-3</b>	<b>Management Perspectives in Interdisciplinary Contexts</b>
<ul style="list-style-type: none"> <li>• Principles of management and organizational behaviour</li> <li>• Application of management theories in interdisciplinary settings</li> <li>• Project management techniques for interdisciplinary projects</li> <li>• Challenges and opportunities of managing interdisciplinary collaborations</li> </ul>	
<b>UNIT-4</b>	<b>Science and Technology in Interdisciplinary Studies</b>
<ul style="list-style-type: none"> <li>• Integration of scientific methods and technologies in interdisciplinary research</li> <li>• Cross-disciplinary applications of scientific knowledge</li> <li>• Emerging trends in interdisciplinary science and technology</li> <li>• Ethical considerations in scientific research within interdisciplinary contexts</li> </ul>	
<b>UNIT-5</b>	<b>Social Science Perspectives in Interdisciplinary Studies</b>
<ul style="list-style-type: none"> <li>• Overview of key concepts in social sciences (e.g., sociology, psychology, anthropology)</li> <li>• Analysis of societal issues from interdisciplinary perspectives</li> <li>• Interdisciplinary approaches to understanding human behavior and social phenomena</li> <li>• Implications of interdisciplinary social science research for policy and practice</li> </ul>	

## References:

1. . "Introduction to Interdisciplinary Studies" by Allen F. Repko, Rick Szostak, and Michelle Phillips Buchberger
2. "Research Design: Qualitative, Quantitative, and Mixed Methods Approaches" by John W. Creswell and J. David Creswell
3. "The Sciences of the Artificial" by Herbert A