

DEPARTMENT OF CHEMISTRY::BODOLAND UNIVERSITY**PhD COURSE OUTCOME**

Paper	Course Code	Course Title	Credits
Paper-1	PhD-CHM-1	RESEARCH METHODOLOGY	3
<i>Course Outcome</i>	<i>Students will be able to understand and apply research methodology, unique features of scientific writings and demonstrate patent laws and process of patenting.</i>		
Paper-2	PhD-CHM-2	COMPUTER APPLICATION	3
<i>Course Outcome</i>	<i>Students will be able to understand/demonstrate basic concepts of computer application and will be able to perform error analysis and curve fitting, use various software needed for research work and explain computational chemistry.</i>		
Paper-3	PhD-CHM-3	ANALYTICAL TECHNIQUES IN CHEMISTRY	3
<i>Course Outcome</i>	<i>Students will be able to demonstrate and apply the unique features of spectroscopic, microscopic, chromatographic and other analytical techniques and solve related problems.</i>		
Paper-4	PhD-CHM-4	LITERATURE REVIEW	3
<i>Course Outcome</i>	<i>Students will be able to understand how to perform literature review on published works and will be able to find out the research gap on a particular area including synopsis writing and solve related issues.</i>		
Paper-5	PhD-CHM-5	RESEARCH AND PUBLICATION ETHICS	2

<i>Course Outcome</i>	<i>Students will be able to demonstrate and explain the philosophy and ethic, scientific conduct and publication ethics, and will have the idea of open access publishing, publication misconduct, and various databases and research metrics and will be able to solve related problems.</i>	
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