

**Programme: M.Sc. (Biochemistry)**

**Course Code: BCO 112**

**Title of the Course: BIOCHEMISTRY OF ENVIRONMENTAL POLLUTION AND REMEDIATION [P]**

**Number of Credits: 1**

**Effective from Academic Year: 2018-19**

<b>Prerequisites</b>	It is assumed that the students have a basic knowledge of the environmental parameters for water analysis.	
<b>Objective:</b>	This course develops techniques in water analysis and biodegradation of xenobiotics.	
<b>Content:</b>		<b>(24)</b>
1.	Assessment of water quality – analysis of BOD, COD, dissolved oxygen.	
2.	Detection of sewage pollution by screening for indicator organisms such as <i>E. coli</i> .	
3.	Biotransformation of xenobiotics.	
<b>Pedagogy:</b>	Experiments in the laboratory	
<b>References/ Readings</b>	As given under Theory Course BCO 108-T	
<b>Learning Outcomes</b>	Learning techniques for water analysis and biodegradation of xenobiotics.	