

	<ol style="list-style-type: none"> 4. Estimation of Cu in polluted waters and biological samples. (6 hrs; Ref 5,6,7) 5. Estimation of Pb in polluted waters and biological samples. (6 hrs; Ref 5,6,7) 	s
Pedagogy:	Demonstrations/ Lab experiments.	
References/ Readings	<ol style="list-style-type: none"> 1. Marine chemistry Vol. 1, 1972 - Martin, D.F, . Academic Press, London. 2. Standard methods for the examination of water and waste water analysis (22nd edition), 2012. Rice, E.W and Bridgewater L. American Public health association, Washington DC. 3. Methods of Seawater analysis, 1983 - Grasshoff, K, M. Ehrhardt and K. Krembling (eds.), Verlag Chemie, Weinheim. 4. A practical hand book of seawater analysis, 1972 - Strickland, J.D.H, and Parsons, T.R., Fisheries Board of Canada bulletin. (2nd edition). 5. Analytical chemistry of seawater, In Chemical Oceanography, 1975 - Riley, J.P. and Skirrow, G. (eds.), Vol. 3. Academic Press, London. 6. Chemical Analysis. In: Methods in plant Ecology, 1976 - Allen, S. E., Grimshaw, H. M., Parkinson, J. A., Quarmby, C. and Roberts, J.D. 1976. S. B. Chapman (eds.), Blackwell Scientific Publications, Oxford, Chapter 8. 	
Learning Outcomes	<ol style="list-style-type: none"> 1. The results of analyses of different pollutants in sea water and marine organisms can be used to assess the effectiveness of existing regulatory activities. 2. These concentrations will be compared with the daily intake of, or exposure to a pollutant by organism/man and it can lead to acceptable concentration of pollutant in organism. 3. These studies would help to regulate the release of a particular pollutant in the marine environment. 	