

Lesson Plan for Postgraduate course in Zoology for the period July 2015- June 2016,

Mr. Somaditya Dey, Assistant Professor

Academic Quarter	Class	Name of the Teacher	Topics to be covered	No. Of Lectures	Tests
July 15 to September 15	PG Sem I	Mr. Somaditya Dey	PAPER 1 BGCZ-01TH Helminthes-Forms and functions, Teguments and muscles, larval forms; Bryozoa PAPER 2 BGCZ-02TH Principles of Catalysis, Enzymes and enzyme kinetics, regulation mechanisms of enzyme catalysis, isozymes, allosterility	12 (Th)	Continuous evaluation tests for Sem I and Sem III Final Exams. For Sem II and Sem IV
	PG Sem II				
	PG Sem III		Paper 11 Module - BGCZ-15TH Classification and biology of virus, Antigen processing, presentation and MHC BGCZ-18TH Elective Paper: Parasitology and Immunology Protein metabolism in Protozoa, IFA, CIEP Module – BGCZ-19PR, PRACTICAL: paper 15,PAPER 15A, Identification of parasites and microbes	18(Th) 3(Pract)	
	PG Sem IV				
September '15 to December '15	PG Sem I		PAPER 3 BGCZ-03TH Cellular communication- Cell adhesions and roles of different molecules, gap junctions, ECM, neurotransmission and its regulations PAPER -5C Practical (Module – BGCZ-07PR) Visit to a fish farm in West Bengal	12 (Th) 6 (Pract)	Continuous evaluation tests for Sem I and Sem III
	PG Sem II				
	PG Sem III		Paper 12 Module - BGCZ-16TH Hybridization, southern, northern and western blotting Module – BGCZ-21PR PRACTICAL, PAPER 15C Parasitology & Immunology Identification of Parasites and related tissues,	6 (Th) 3 (Pract)	
	PG Sem IV				
January '16 To March '16	PG Sem I				Final Examinations for Sem I and Sem III
	PG Sem II		BGCZ-08TH Chordate – Structure and Function Jaw suspension- Kinetics & evolutionary significance	12 (Th)	Continuous evaluation tests for Sem II and

			Pr: ELISA		Sem IV
	PG Sem III				
	PG Sem IV		Paper 17 Module - BGCZ-23TH Environmental factors and impacts	8 (Th)	
April'16 To June'16	PG Sem II		More topics to be allotted		Continuous evaluation tests for Sem II and Sem IV
	PG Sem III				
	PG Sem IV		Paper 19 Module - BGCZ-25TH (Elective Paper) Immune response during viral and helminthes infection, Immunodeficiency diseases Module – BGCZ-27PR PRACTICAL, PAPER 20B: Elective Paper Laboratory visit More topics to be allotted	12 (Th) 4 (Pract)	