

Vivekanand College, Kolhapur (Empowered Autonomous)

Workload (2024-25)

Department of Biotechnology Optional

Class	Verticals	No. of Students	No. of Divisions/ Batches	Semester	Course Titles	Credits	Theory Workload	Practical Workload	Total Workload
B.Sc.I (NEP 2.0)	Major	28	2	I	Fundamentals of Biotechnology-I	2	4	8	12
					Fundamentals of Biotechnology-II	2			
				II	Microbiology	2			
					Basics of Cwllbiology and Genetics	2			
	IKS		-			-	-	-	-
	OE						0		0
B.Sc.II (NEP 1.0)	Major	30	2	III	Fundamentals of enzyme technology	2	4	16	20
					Fundamentals of Molecular Biology	2			
				IV	Fundamentals of immune technology	2			
					Fundamentals of Genetic engineering	2			
	Min					2			
						2			
						2			
						2			
	VSC	30	2	III	Serological technique			8	8
				IV	Techniques in Forensic Science				
B.Sc.III (Non NEP)	(Spl.)	27	2	V	Plant tissue Culture	2	12	40	(52)41.6
					Animal tissue culture	2			
					Large scale manufacturing process -I	2			
					Large scale manufacturing process -IL	2			
				VI	Advances in Biotechnology -I	2			
					Advances in Biotechnology -II	2			
					Cell metabolism and Virology	2			
					Environmental Biotechnology	2			
Total									81.6



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