

P. E. Society's
Modern College of Arts, Science and Commerce , Ganeshkhind , Pune -16 (Autonomous)

F.Y.BSc (Biotech) Revised NEP Curricular Framework(New) Level 4.5
(wef 2024-25)

V	Vertical 1			Vertical 2	Vertical 3	Vertical 4		Vertical 5			Vertical 6				Total Credits
Sem	V1			V2	OE	VSEC	SEC	AEC	VEC	IKS	CC	FP	CEP	OJT	
Sem 1	BIO11101 Biological Chemistry (2C) (T)	BIO11103 Microbial Science (2C) (T)	BIO11105 Bio-instrumentation (2C) (T)		BIO 11307 OE1 (2C) (T)	0	BIO11408 Computational tools for Biotechnology (1C) (T)	AEC: Soft Skills and Personality Development (2C) (T),	VEC: Value Education Course (2C) (T),	IKS: Foundation course on Indian Knowledge System (2C) (T)	0	0	0	0	22
	BIO11102 Experimental Biological Chemistry (2C) (P)	BIO11104 Experimental Microbial Science (2C) (P)	BIO11106 Experimental Bio-instrumentation (2C) (P)				BIO11409 Experimental Computational tools for Biotechnology (1C) (P)								
Credits	2 T+2 P=4	2 T+2 P=4	2 T+2 P=4		2 T		2	2	2	2					
Sem 2	BIO12101 Plant Science (2C) (T)	BIO12103 Animal Science (2C) (T)	BIO12105 Metabolism & Physiology (2C) (T)		BIO 12307 OE2 (2C) (T)	0	BIO 12408 Microscopy (1C) (T)	AEC: Corporate Communication (2C) (T),	VEC: Democracy, Elections and Governance (2C) (T)		0	0	0	0	22
	BIO11102 Experimental Plant Science (2C) (P)	BIO11104 Experimental Animal Science (2C) (P)	BIO12106 Experimental Metabolism & Physiology (2C) (P)				BIO 12409 Experimental Microscopy (1C) (T)								
Credits	2 T+2 P=4	2 T+2 P=4	2 T+2 P=4		2P		2	2	2		2				