



Progressive Education Society's
Modern College of Arts, Science and Commerce (Autonomous) Ganeshkhind, Pune – 16
Course Structure for F.Y.B.Sc (Artificial Intelligence and Digital Security) NEP 2

Name of the Board: Department of AI & DS

Level:- 4.5 (First Year)

SEMESTER I

Class	S e m	Course Type	Course Code	Course Name	Theory/ Practical	No.of Credits	No.of Hours	Total Marks	CIE Marks	ESE Marks
F.Y.BSc (AI &DS)	I	Subject 1	26BAI1 1101	Introduction to Artificial Intelligence	Theory	2	2	50	20	30
		Subject 1	26BAI1 1102	Practical Based on AI	Practical	2	4	50	20	30
		Subject 2	26BAI1 1103	Basics of C Programming	Theory	2	2	50	20	30
		Subject 2	26BAI1 1104	Practical Based on Programming	Practical	2	4	50	20	30
		Subject 3	26BAI1 1105	Web Technologies(HT ML+CSS)	Theory	2	2	50	20	30
			26BAI1 1106	Practical Based on HTML+CSS	Practical	2	4	50	20	30
		OE	-	From College Basket	Theory	2	2	50	20	30
		SEC	26BAI1 1406	Network Concepts	Theory	2	2	50	20	30
		IKS	-	Generic IKS	Theory	2	2	50	20	30
		AEC	-	English	Theory	2	2	50	20	30
		VEC	-	EVS	Theory	2	2	50	20	30



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SEMESTER II

Class	Se m	Course Type	Course Code	Course Name	Theory/ Practical	No.of Credits	No.of Hours	Total Marks	CIE Marks	ESE Marks
F.Y.BSc (AI &DS)	II	Subject 1	26BAI1 2101	Introduction to Python	Theory	2	2	50	20	30
		Subject 1	26BAI1 2102	Practical Based on Python	Practical	2	4	50	20	30
		Subject 2	26BAI1 2103	Object Oriented concepts and Programming using C++	Theory	2	2	50	20	30
		Subject 2	26BAI1 2104	Practical Based on C++	Practical	2	4	50	20	30
		Subject 3	26BAI1 2105	Information Technology	Theory	2	2	50	20	30
		Subject 3	26BAI1 2106	Practical Based on Information Technology	Practical	2	4	50	20	30
		OE	-	From College Basket	Theory	2	2	50	20	30
		SEC	26BAI1 2406	Basics of Digital Communication (Practical)	Theory	2	2	50	20	30
		AEC	-	English	Theory	2	2	50	20	30
		VEC	-	Democracy Election and Governance	Theory	2	2	50	20	30
		CC	-	From College Basket	Theory	2	2	50	20	30