

SUBJECT SELECTION AS PER NEP 2020 GUIDELINES

Academic Level - 4.5

FYBMS SEMESTER-I

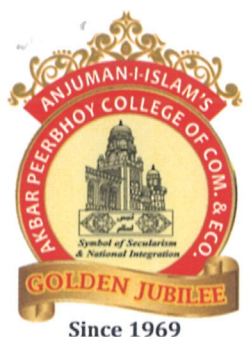
Vertical	Description	Subjects Offered	Credits
1	Major	Principles of Management I (4 Credits), Bhartiya Theory of Management Styles (2 Credits)	6
2	Minor	--	--
3	OE	Marketing Mix I (2 Credits), Management of Case Studies (2 Credits)	4
4	VSC & SEC (VSEC)	Information Technology in Business Management (2 Credits) Business Start Up skills (2 Credits)	4
5	AEC, VEC & IKS	AEC Business Communication Skills I (2 Credits), VEC Basket - Indian Constitution - Introduction to Law of Torts and Consumer protection Act - Law related to Intellectual Property Rights - Fundamental of People's Skills - Foundation of Behavioral Skills- Basic Level (2 Credits) IKS Basket - Indian Knowledge System Series (Generic) – I - Indian Knowledge System Series (Generic) – II - Indian Knowledge System Series (Generic) – III	6
6	OJT, FP, CEP, CC, RP	Introduction to Cultural Activities Or NSS Or Introduction to Sports, Physical literacy, Health & Fitness & Yoga (2 Credits)	2

SUBJECT SELECTION AS PER NEP 2020 GUIDELINES

Academic Level - 4.5

FYBMS SEMESTER-II

Vertical	Description	Subjects Offered	Credits
1	Major	Principles of Management II (4 Credits) Global Management Theories and Styles (2 Credits)	6
2	Minor	Industry and Service Management (Basics of I & S) (2 Credits)	2
3	OE	Marketing Mix II (2 Credits) Leadership Management (2 Credits)	4
4	VSC & SEC (VSEC)	Foreign Exchange Market and Derivatives (2 Credits) M S Office (2 Credits)	4
5	AEC, VEC & IKS	AEC Business Communication Skills II (2 Credits) VEC Basket - Indian Constitution - Introduction to Law of Torts and Consumer protection Act - Law related to Intellectual Property Rights - Fundamental of People's Skills - Foundation of Behavioral Skills- Basic Level (2 Credits) IKS Basket - Indian Knowledge System Series (Generic) – I - Indian Knowledge System Series (Generic) – II - Indian Knowledge System Series (Generic) – III	4
6	OJT, FP, CEP, CC, RP	Introduction to Cultural Activities Or NSS Or Introduction to Sports, Physical literacy, Health & Fitness & Yoga (2 Credits)	2



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AKBAR PEERBHOY COLLEGE OF COMMERCE & ECONOMICS

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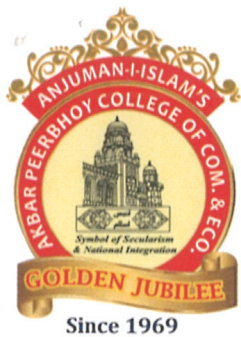
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Ref. No. _____ PROGRAM STRUCTURE under NEP (A.Y 2024-25)

F. Y. B.Sc. I. T. Semester I

Year & Semester	Course Type	Course Title	Credits
F.Y.B.Sc.I.T Sem I	Major **	Programming with C	2
		Programming with C Practical	2
		Digital Electronics	2
	Open Elective	Discrete Mathematics	2
		Evolution of IT	2
	Vocational Skill Enhancement Course	Fundamentals of DBMS	2
	VSEC Practical	Fundamentals of DBMS Practical	2
	Ability Enhancement Course	Technical Communication Skills	2
	Value Education Course	Green Computing	2
	Indian Knowledge System	Yoga & Mind-Body Harmony	2
Co-Curricular Activities	NSS, Sports, Cultural Activities, Project	2	
TOTAL CREDITS			22

** Theory paper has only 3 units (Each unit - 10 hours teaching).



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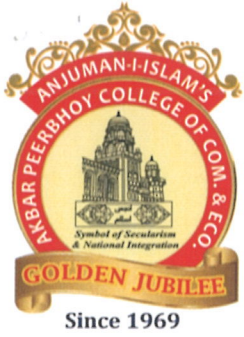
F. Y. B.Sc. I. T. Semester II

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Year & Semester	Course	Course Title	Credits
F.Y.B.Sc.I.T Sem II	Major	OOP with C++	2
		OOP with C++ Practical	2
		Computer Networks	2
	Minor	Descriptive Statistics	2
	Open Elective	Open-Source Software	2
		Numerical Methods (using Scilab)	2
	Vocational Skill Enhancement Course	Web Designing	2
	VSEC Practical	Web Designing Practical	2
	Ability Enhancement Course	Computer Networks Practical / Basics of Data Analytics using Excel	2
	Value Education Course	Environmental Study for sustainable IT	2
Co-Curricular Activities	NSS, Sports, Cultural Activities, Project	2	
TOTAL CREDITS			22

Sample (Theory Paper) –

B.Sc. (Information Technology)		Semester I	
Course Name: Programming with C		Course Code:qqqqq	
Periods per week (1 Period – 60 mins)		2	
Credits		2	
		Hours	Marks
Evaluation System	Theory Exam	2 ½	75
	Internal	--	25



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Sample (Practical Paper) -

B.Sc. (Information Technology)		Semester I	
Course Name: Programming with C Practical		Course Code:qqqqq	
Periods per week (1 Period – 120 mins)		1	
Credits		2	
		Hours	Marks
Evaluation System	Practical Exam	2	50
	Internal	--	--

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PROGRAM STRUCTURE under NEP (A.Y. 2024-25)

F. Y. B.Sc. (Data Science) Semester-I

Year & Semester	Course Type	Course Title	Credits
F. Y. B.Sc. DS Sem-I	Major **	Introduction to Programming	2
		Introduction to Programming Practical	2
		Precalculus	2
	Open Elective	DS_Excel for Data Analytics	2
		DS_Database Management System	2
	Vocational Skill Enhancement Course	Web Technology	2
	VSEC Practical	Web Technology Practical	2
	Ability Enhancement Course	Business Communication and Information Ethics	2
	Value Education Course	ICT Practical,	2
	Indian Knowledge System	Yoga & Mind-Body Harmony	2
	Co-Curricular Activities	NSS, Sports, Cultural Activities, Project	2
TOTAL CREDITS			22

** Theory paper has only 3 units (Each unit - 10 hours teaching).

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F. Y. B.Sc. (Data Science) Semester-II

Year & Semester	Course	Course Title	Credits
F. Y. B.Sc. DSSem-II	Major	Database Management	2
		Database Management Practical	2
	Minor	DS_R Programming	2
		DS_Descriptive Statistics	2
	Open Elective	DS_Data Privacy and Security	2
		DS_Generative AI	2
	Vocational Skill Enhancement Course	Probability and Distributions	2
	VSEC Practical	Probability and Distributions Practical	2
	Ability Enhancement Course	Basics of Data Analytics using Excel	2
	Value Education Course	Environmental Science	2
Co-Curricular Activities	NSS, Sports, Cultural Activities, Project	2	
TOTAL CREDITS			22

Sample (Theory Paper) –

B.Sc. (Data Science)		Semester I	
Course Name: Introduction to Programming		Course Code: USDS01	
Periods per week (1 Period – 60 mins)		2	
Credits		2	
		Hours	Marks
Evaluation System	Theory Exam	2 ½	75
	Internal	--	25

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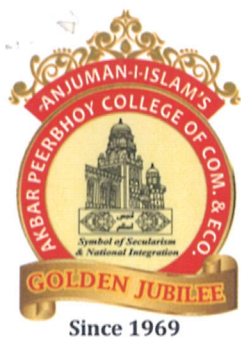
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Sample (Practical Paper) -

B.Sc. (Information Technology)		Semester I	
Course Name: Introduction to Programming Practical		Course Code: USDSP01	
Periods per week (1 Period – 120 mins)		1	
Credits		2	
		Hours	Marks
Evaluation System	Practical Exam	2	50
	Internal	--	--



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29th April 2024

Subject Selection as per NEP20 GUIDELINES

Academic Level 4.5

FYBAMMC: SEMESTER I

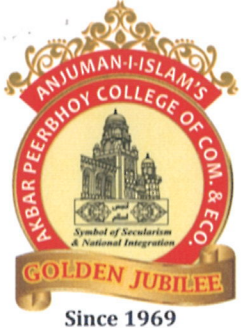
Vertical	Description	Subjects offered	Credits
1	Major	1.Evolution of Communication (2 cr) 2. Fundamentals of Mass Communication (2 cr) 3. Contemporary Affairs (2 cr)	6
2	Minor		-
3	OE	Effective communication I Content writing	4
4	VSC & SEC	Visual Communication VSC Introduction to Computers – ISEC	4
5	AEC, VEC & IKS	Reading & Presentation skills, Indian Ethics & Value system, Translation skills	6
6	OJT, FP, CEP, CC, RP	Foundation course	2
			22

Subject Selection as per NEP20 GUIDELINES

Academic Level 4.5

FYBAMMC: SEMESTER II

Vertical	Description	Subjects offered	Credits
1	Major	1. Overview of Print production 2. Basics of Radio & Television 3. Introduction to New Media	6
2	Minor	History of media	2
3	OE	Effective communication II Communication in digital age	4
4	VSC & SEC	Translation Skills (VSC:2.) Introduction to Computers – I (SEC)	4



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Ref. No. _____

5	AEC, VEC & IKS	Creative writing Media, Gender & Culture	4
6	OJT, FP, CEP,CC,RP	Foundation course II	2
			22