

அண்ணாமலைப் பல்கலைக்கழகம்

Affiliated Colleges

101 – இளம் இலக்கியவியல் (பி.லிட்.)

2021– 2022 ஆம் கல்வியாண்டுக்கான நடைமுறைப் படுத்தப்படும் முதன்மை, சார்பு ,

விருப்பப்பாடம் , திறன் மேம்பாட்டுத்தேர்வு முறைப்பாட அமைப்புகள்

The Programme of Study and the Scheme of Examinations

மூன்றாம் ஆண்டு (ஆறாம் பருவம்)

Part	Subject	paper	Title of the Course	Hrs/ Week	Credit	Maximum Marks		
						CIA	ESE	Total
III	முதன்மைப்பாடம்	தாள் 20	இலக்கியம் 7: சங்க இலக்கியம்பகுதி -2	5	4	25	75	100
	முதன்மைப்பாடம்	தாள் 21	இலக்கியம் - 8 : சிற்றிலக்கியங்கள்	5	4	25	75	100
	முதன்மைப்பாடம்	தாள் 22	இலக்கணம் 8: தொல்காப்பியம் பொருளதிகாரம் பகுதி - 2	6	5	25	75	100
	விருப்பப்பாடம் 1	தாள் 1	சித்தரியல்	4	2	25	75	100
	விருப்பப்பாடம் 2	தாள் 2	திராவிட மொழிகளின் ஒப்பிலக்கணம்	4	2	25	75	100
				ஆய்வேடு ஒப்படைத்தல்	2	2	25	75
IV	Naan Mudalvan SDC*		Digital Marketing	2	2	25	75	100
V			விரிவாக்கச் செயல்பாடுகள்	2	2	100	-	100
			Total	30	23			800

* 21UNMSD04

ANNAMALAI UNIVERSITY

Affiliated Colleges

B.A. TAMIL

CBCS PATTERN

(With effect from 2021 – 2022)

Part	Study Components		Ins. Hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
III	Core Theory	Paper-13	5	4	சங்க இலக்கியம் (புறம்)	25	75	100
III	Core Theory	Paper-14	6	4	இலக்கணம் 6 (புறம்)	25	75	100
III	Core Theory	Paper-15	6	4	திராவிட மொழிகளின் ஒப்பிலக்கணம்	25	75	100
III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
III	Internal Elective	Paper-2	5	3	(கீழ்க்கண்ட மூன்றில் ஏதேனும் ஒன்றைத் தெரிவு செய்து கொள்ளலாம்) அ. இதழியல் ஆ. புத்தகப் பதிப்பியல் இ. தமிழ் உரைநடை வரலாறு	25	75	100
III	Internal Elective	Paper-3	5	3	(கீழ்க்கண்ட மூன்றில் ஏதேனும் ஒன்றைத் தெரிவு செய்து கொள்ளலாம்) அ. தமிழர் அழகுக் கலைகள் ஆ. பெண்ணியம் இ. சுற்றுலாவியல்	25	75	100
IV	Naan Mudalvan SDC*		3	2	Digital Marketing	25	75	100
V	Extension Activities		-	1	விரிவாக்கச் செயல்பாடுகள்	100	-	100
		Total	30	26				800

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ANNAMALAI UNIVERSITY

Affiliated Colleges

B.A. ENGLISH**DEGREE COURSE****CBCS PATTERN**

(With effect from 2021-2022)

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
Semester VI								
III	Core Theory	Paper-13	5	4	Contemporary Literature	25	75	100
III	Core Theory	Paper-14	5	4	Indian Writing in Translation	25	75	100
III	Core Theory	Paper-15	5	3	New Literatures in English	25	75	100
III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
III	Internal Elective	Paper-2	4	3	(to choose one out f two) A. English Information Technology B. Film appreciation and book review	25	75	100
III	Internal Elective	Paper-3	3	3	(to choose one out f two) A. English for Specific Purpose B. Creative Writing	25	75	100
IV	Naan Mudalvan SDC*		3	2	Digital Marketing	25	75	100
V	Extension Activities		-	1		100	-	100
		Total	30	25				800

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ANNAMALAI UNIVERSITY

Affiliated Colleges

B.A. HISTORY

DEGREE COURSE

CBCS PATTERN

(With effect from 2021 - 2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER VI								
III	Core Theory	Paper-13	6	5	History of Europe from C.E.1789 to C.E.1945	25	75	100
III	Core Theory	Paper-14	5	4	History of USA from C.E. 1932 to C.E.2000	25	75	100
III	Core Theory	Paper-15	5	4	International Relations Since C.E.1945	25	75	100
III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
III	Internal Elective	Paper-2	3	3	[to choose 1 out of 4] 1. History of Science and Technology in India up to C.E.1900 2. Dravidian Movement in Tamilnadu up to C.E.1947 3. History of the Arabs from C.E.750 to C.E.1258 4. History of RUSSA from Early times to C.E. 1917	25	75	100
III	Internal Elective	Paper-3	3	3	[to choose 1 out of 4] 1. History of Science and Technology Since C.E.1900 2. Dravidian Movement in Tamilnadu Since C.E.1947 3. An introduction to Museology 4. Archaeology II	25	75	100
IV	Naan Mudalvan SDC*		3	2	Tourist & Travel Guide	25	75	100
V	Extension Activities		-	1		100	-	100
		Total	30	27				800

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ANNAMALAI UNIVERSITY

Affiliated Colleges

B.A. ECONOMICS

DEGREE COURSE

CBCS PATTERN

(With effect from 2021-2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER – VI								
III	Core Theory	Paper-13	6	5	Macro Economics II	25	75	100
III	Core Theory	Paper-14	5	4	Fiscal Economics II	25	75	100
III	Core Theory	Paper-15	5	4	History of Economic Thought	25	75	100
III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
III	Internal Elective	Paper-2	3	3	[To choose 1 out of 4] 1.Environmental Economics II 2.International Trade II 3.Industrial Organization II 4.Energy Economics	25	75	100
III	Internal Elective	Paper-3	3	3	[To choose 1 out of 4] 1.Labour Economics 2.Insurance & Economics 3.Demography 4. Economics of Development and Planning	25	75	100
IV	Naan Mudalvan SDC*		3	2	Insurance service and operation	25	75	100
V	Extension Activities		-	1		100	-	100
			30	27				800

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ANNAMALAIUNIVERSITY

Affiliated Colleges

B.A. POLITICAL SCIENCE

DEGREE COURSE

CBCS PATTERN

(With effect from 2021-2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER – VI								
III	Core Theory	Paper-13	5	4	Indian Political Thought	25	75	100
III	Core Theory	Paper-14	5	4	E. Governance	25	75	100
III	Core Theory	Paper-15	5	3	Citizen and Civic Engagement	25	75	100
III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
III	Elective -I	Paper-2	4	3	International Relations	25	75	100
III	Elective- II	Paper-3	3	3	Parliamentary System in India	25	75	100
IV	Naan Mudalvan SDC*		3	2	Content Writing & Digital Marketing	25	75	100
V	Extension Activities	Paper -1	0	1	Extension Activities	100	0	100
	Total		30	25				800

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ANNAMALAI UNIVERSITY
Affiliated Colleges
B. A. DEFENCE AND STRATEGIC STUDIES
DEGREE COURSE
CBCS PATTERN
(With effect from 2021-2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-13	5	4	National Security of India	25	75	100
III	Core Theory	Paper-14	5	4	Introduction to International Law	25	75	100
III	Core Theory	Paper-15	5	3	Arms Control and Disarmament	25	75	100
III	Compulsory Project	Paper-16	5	5		25	75	100
III	Internal Elective	Paper-2	3	3	(To choose any 1 out of 3) A. Specialized Warfare B. Warfare and Technology C. Elementary Study of the Constitution of India	25	75	100
III	Internal Elective	Paper-3	3	3	(To choose any 1 out of 3) A. Defence Management B. Human Rights C. Terrorism	25	75	100
IV	Naan Mudalvan SDC*		3	2	Content Writing & Digital Marketing	25	75	100
V	Extension Activities		-	1		100	-	100
		Total	30	25				800

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ANNAMALAI UNIVERSITY
Affiliated Colleges
B.A. PUBLIC ADMINISTRATION
DEGREE COURSE
CBCS PATTERN
(With effect from 2021-2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER – VI								
III	Core Paper	Paper-13	5	4	Administrative Law	25	75	100
III	Core Paper	Paper-14	5	4	E-Governance in India	25	75	100
III	Core Paper	Paper-15	5	3	Administration of International Organization	25	75	100
III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
III	Elective	Paper-2	4	3	Gender Studies	25	75	100
III	Elective	Paper-3	3	3	Tamilnadu Government and Administration	25	75	100
IV	Naan Mudalvan SDC*		3	2	Content writing & Digital Marketing	25	75	100
V	Extension Activities	Paper-1	0	1	Field Based Project	100	0	100
		Total	30	25				800

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ANNAMALAI UNIVERSITY

Affiliated Colleges

B.COM.

DEGREE COURSE

CBCS PATTERN

(With effect from 2021-2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER VI								
III	Core Theory	Paper-17	5	4	Cost accounting II	25	75	100
III	Core Theory	Paper-18	5	4	Income Tax law and practice II	25	75	100
III	Core Theory	Paper-19	4	4	Financial management	25	75	100
III	Compulsory Project	Paper-20	5	5	Individual / Group Project	25	75	100
III	Elective	Paper-2	4	3	(To choose one out of 3) 1. Innovation management 2. Logistics management 3. Service Marketing	25	75	100
III	Elective	Paper-3	4	3	(To choose one out of 3) 1. Customs and GST 2. Investment Management 3. Financial services	25	75	100
IV	Naan Mudalvan SDC*		3	2	Insurance service and operation	25	75	100
V	Extension Activities		-	1		100	-	100
		Total	30	26				800

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ANNAMALAI UNIVERSITY

Affiliated Colleges

B.COM. Bank Management

DEGREE COURSE

CBCS PATTERN

(With effect from 2021-2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER VI								
III	Core	Paper -17	6	5	Accounting for Decision Making	25	75	100
III	Core	Paper-18	6	5	Customs Duty & Goods and Services Tax	25	75	100
III	Core	Paper-19	5	5	Individual Project *Viva-Voce ** Project Report	50	50	100
III	Elective	Paper-2	5	3	(to choose 1 out of 3) A. Financial Management B. Cyber Marketing C. Information Security in Banks	25	75	100
III	Elective	Paper-3	5	3	(to choose 1 out of 3) A. Customer Relationship Management in Banks B. Banking Operations Management C. Role of Rural Banking System in India	25	75	100
IV	Naan Mudalvan SDC*		3	2	Insurance service and operation	40	60	100
V	Extension Activities		0	1	Extension Activities	100	0	100
			30	24				700

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ANNAMALAI UNIVERSITY

Affiliated Colleges

B.COM. Cooperation

DEGREE COURSE

CBCS PATTERN

(With effect from 2021-2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-13	5	4	Cooperative Management and Administration	25	75	100
III	Core Theory	Paper-14	4	4	Cooperative Audit	25	75	100
III	Project		5	3	Project Work	25	75	100
III	Core Theory	Paper-15	5	4	Computerized Accounting	25	75	100
III	Major Based Elective	Paper-	4	3	Rural Banking	25	75	100
III	Major Based Elective	Paper-	5	3	Financial Services	25	75	100
IV	Skill Based Subject		2	2	Cooperative Practical Training	25	75	100
IV	Naan Mudalvan SDC*		2	2	Insurance service and operation	25	75	100
V	Extension Activities			1		100	-	100
		Total	30	28				900

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ANNAMALAI UNIVERSITY

Affiliated Colleges

B.Com. (CORPORATE SECRETARYSHIP)

DEGREE COURSE

CBCS PATTERN

(With effect from 2021 - 2022)

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER VI								
III	Core Theory	Paper-13	6	5	Management Accounting	25	75	100
III	Core Theory	Paper-14	6	5	Auditing	25	75	100
III	Core Theory	Paper-15	5	4	Income Tax Law and Practice II	25	75	100
III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
III	Internal Elective	Paper-2	3	3	[to choose 1 out of 3] 1. Corporate Communication 2. Banking Theory and Practice 3. Financial Management	25	75	100
III	Internal Elective	Paper-3	3	3	[to choose 1 out of 3] 1. Marketing Management 2. Corporate Social Responsibility 3. Corporate Governance in India	25	75	100
IV	Naan Mudalvan SDC*		2	2	Insurance service and operation	25	75	100
V	Extension Activities		-	1		100	-	100
		Total	30	28				800

* 21UNMSD04

ANNAMALAI UNIVERSITY

Affiliated Colleges

B.COM. (FINANCE AND ACCOUNTS)

DEGREE COURSE

CBCS PATTERN

(With effect from 2021-2022)

Part	Study Components		Ins. hrs /week	Crediti	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER VI								
III	Core Theory	Paper-17	5	4	Cost accounting II	25	75	100
III	Core Theory	Paper-18	5	4	Working Capital Management	25	75	100
III	Core Theory	Paper-19	4	4	Income Tax law and practice II	25	75	100
III	Compulsory Project	Paper-20	5	5	Individual / Group Project	25	75	100
III	Elective	Paper-2	4	3	(To choose one out of 3) 1. Practical Auditing 2. Inventory management 3. Entrepreneurial Development	25	75	100
III	Elective	Paper-3	4	3	(To choose one out of 3) 1. Financial Institutions and Markets 2. Marketing Management 3. Business Environment	25	75	100
IV	Naan Mudalvan SDC*		3	2	Insurance service and operation	25	75	100
V	Extension Activities		-	1		100	-	100
		Total	30	26				800

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ANNAMALAI UNIVERSITY

Affiliated Colleges

B.COM. (COMPUTER APPLICATION)

DEGREE COURSE

CBCS PATTERN

(With effect from 2021–2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER – VI								
III	Core Theory	Paper-15	5	4	Cost Accounting- II	25	75	100
III	Core Theory	Paper-16	5	4	Web Technology	25	75	100
III	Core Practical	Paper-3	5	4	Web Technology Lab	25	75	100
III	Compulsory Project	Paper-17	5	5	(Individual / Group Project)	25	75	100
III	Internal Elective	Paper-2	4	3	(To choose one out of 3) 1. Income Tax Law & Practice– II 2. Business Environment 3. Services Marketing	25	75	100
III	Internal Elective	Paper-3	4	3	(To choose one out of 3) 1. Software Engineering 2. Data Mining 3. Internet of Things	25	75	100
IV	Naan Mudalvan SDC*		2	2	Insurance service and operation	25	75	100
V	Extension Activities		-	1		100	-	100
		Total	30	26				800

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ANNAMALAI UNIVERSITY

Affiliated Colleges

BACHELOR OF BUSINESS ADMINISTRATION

DEGREE COURSE

CBCS PATTERN

(With effect from 2021 -2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
						CIA	Uni. Exam	Total
SEMESTER – VI								
III	Core Theory	Paper-17	6	5	Strategic Management	25	75	100
III	Core Theory	Paper-18	6	5	International Business	25	75	100
III	Core	Paper-19	5	5	Individual Project *Viva-Voce ** Project Report	25*	75**	100
III	Elective	Paper-2	5	3	(to choose any 1 out of 3) A. Financial Management B. Financial Services C. Investment Management	25	75	100
III	Elective	Paper-3	5	3	(to choose any 1 out of 3) A. Marketing Research B. Rural Marketing Management C. Advertising and Sales Management	25	75	100
IV	Naan Mudalvan SDC*		3	2	Insurance service and operation	25	75	100
V	Extension Activities		0	1	Extension Activities	100	0	100
	Total		30	24				700

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ANNAMALAI UNIVERSITY

Affiliated Colleges
BACHELOR OF SOCIAL WORK
DEGREE COURSE
CBCS PATTERN
(With effect from 2021-2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-13	6	3	Social Work in Industries	25	75	100
III	Core Theory	Paper-14	5	3	Correctional Social Work	25	75	100
III	Core Practical	Practical-2	5	4	Concurrent Field Work - II	40	60	100
III	Compulsory Project	Project	5	5	Compulsory-Project	25	75	100
III	Internal Elective	Paper-2	3	3	Human Rights	25	75	100
III	Internal Elective	Paper-3	3	3	Social Work Among Those Differently Abled	25	75	100
IV	Naan Mudalvan SDC*		3	2	Content Writing & Digital Marketing	25	75	100
V	Extension Activities		0	1		100	-	100
			-	-	Block Field work(optional)			
			30	24				800

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ANNAMALAI UNIVERSITY
Affiliated Colleges
B.Sc. MATHEMATICS DEGREE COURSE
(With effect from 2021 - 2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-12	5	4	Linear Algebra	25	75	100
III	Core Theory	Paper-13	6	4	Real Analysis II	25	75	100
III	Core Theory	Paper-14	5	4	Complex Analysis - II	25	75	100
III	Compulsory Project	Paper-15	5	5	Group / Individual Project	25	75	100
III	Elective	Paper-2	3	3	(to choose any 1 out of 2) 1.Graph Theory 2. Discrete Mathematics	25	75	100
III	Elective	Paper-3/ Elective Practical-1	3	3	(to choose any 1 out of 2) 1.Fuzzy Mathematics.(Theory) 2. R Programming (Practical Only)	25	75	100
IV	Naan Mudalvan SDC*		3	2	Advanced Data analytics using Python	25	75	100
V	Extension Activities		0	1		100	0	100
	Total		30	26				800

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ANNAMALAI UNIVERSITY**Affiliated Colleges****B.Sc. STATISTICS
DEGREE COURSE****(With effect from 2021 - 2022)**

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-9	5	4	Testing Statistical Hypotheses	25	75	100
III	Core Theory	Paper-10	5	4	Design of Experiments	25	75	100
III	Core Theory	Paper-11	5	4	Stochastic Processes	25	75	100
III	Core Practical	Practical-3	4	4	Statistical Practical-III	25	75	100
III	Compulsory Project	Paper-12	5	5	Group / Individual Project	25	75	100
III	Internal Elective	Paper-2	3	3	(Choose 1 out of 2) A. Mathematical Economics B. Real Analysis	25	75	100
III	Internal Elective	Paper-3	3	3	(Choose 1 out of 2) A. Statistical Genetics B. Actuarial Statistics	25	75	100
IV	Naan Mudalvan SDC*	Practical-2	2	2	Advanced Data analytics using Python	25	75	100
V	Extension Activities			1		100	0	100
	Total		30	30				900

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ANNAMALAI UNIVERSITY
Affiliated Colleges
B.Sc. PHYSICS DEGREE COURSE
(With effect from 2021 - 2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
III	Core Theory	Paper-8	5	4	Nuclear and Particle Physics	25	75	100
III	Core Theory	Paper-9	4	4	Solid State Physics	25	75	100
III	Core Practical	Practical-3	3	3	General Practical	25	75	100
III	Core Practical	Practical-4	3	3	Electronics Practical	25	75	100
III	Elective	Paper-2	4	3	Group (A) or (B) or (C)	25	75	100
III	Elective	Paper-3	4	3	Group (A) or (B) or (C)	25	75	100
III	Compulsory Project	Paper -10	5	5	Group / Individual Project	25	75	100
IV	Naan Mudalvan SDC*		2	2	Advanced Data analytics using Python	25	75	100
V	Extension Activities		0	1		100	0	100
	Total		30	28				900

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ELECTIVE SUBJECTS*Students can choose any one of the groups (Elective I, II & III)***GROUP A**

Elective 1: Digital Electronics

Elective 2: Fundamentals of Microprocessor-8085

Elective 3: Nanophysics

GROUP B

Elective 1: Digital Electronics

Elective 2: Materials Science

Elective 3: Medical Physics

GROUP C

Elective 1: Digital Electronics

Elective 2: Radiation Safety

Elective 3: Astrophysics

ANNAMALAI UNIVERSITY

Affiliated Colleges

B.Sc. CHEMISTRY DEGREE COURSE

(With effect from 2021 - 2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-8	6	4	Inorganic Chemistry - II	25	75	100
III	Core Theory	Paper-9	6	4	Organic Chemistry - II	25	75	100
III	Core Theory	Paper-10	6	4	Physical Chemistry - II	25	75	100
III	Compulsory Project		0	4		25	75	100
III	Core Practical-3	Practical-3	0	5	Gravimetric Estimation	25	75	100
III	Core Practical-4	Practical-4	0	2	Organic Analysis and Preparations	25	75	100
III	Core Practical-5	Practical-5	3	2	Physical Chemistry Experiments	25	75	100
III	Internal Elective	Paper-2	3	3	Any one from A. Analytical Chemistry-II B. Textile Chemistry C. Nano Chemistry	25	75	100
III	Internal Elective	Paper-3	3	3	Any one from A. Pharmaceutical Chemistry B. Polymer Chemistry C. Green Chemistry	25	75	100
IV	Naan Mudalvan SDC*		3	2	EV Battery Management	25	75	100
V	Extension Activities		0	1		100	0	100
	Total		30	33				1100

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ANNAMALAI UNIVERSITY

Affiliated Colleges

B.Sc. INDUSTRIAL CHEMISTRY DEGREE COURSE

(With effect from 2021 - 2022)

Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-8	5	4	Inorganic Chemistry - II	25	75	100
III	Core Theory	Paper-9	5	4	Organic Chemistry - II	25	75	100
III	Core Theory	Paper-10	4	4	Physical Chemistry - II	25	75	100
III	Compulsory Project		5	5	Group/Individual Project	25	75	100
III	Core Practical-3	Practical-3	0	2	Gravimetric Estimation	25	75	100
III	Core Practical-4	Practical-4	0	2	Organic Analysis and Preparations	25	75	100
III	Core Practical-5	Practical-5	3	3	Physical Chemistry Experiments	25	75	100
III	Internal Elective	Paper-2	3	3	Any one from A. Analytical Chemistry-II B. Textile Chemistry C. Nano Chemistry	25	75	100
III	Internal Elective	Paper-3	3	3	Any one from A. Pharmaceutical Chemistry B. Polymer Chemistry C. Green Chemistry	25	75	100
IV	Naan Mudalvan SDC*		3	2	EV Battery Management	25	75	100
V	Extension Activities		0	1		100	0	100
	Total		30	33				1100

* 21UNMSD04

ANNAMALAI UNIVERSITY**Affiliated Colleges****B.Sc. BIOCHEMISTRY
UNDER CBCS****(With effect from 2021 - 2022)**

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-8	5	5	Clinical Biochemistry	25	75	100
III	Core Theory	Paper-9	5	5	Biotechnology	25	75	100
III	Core Practical	Practical-3	3	3	1. Colorimetric Estimations 2. Enzyme Assay	25	75	100
III	Core Practical	Practical-4	3	3	1. Hematology 2. Microbiology 3. Urine Analysis	25	75	100
III	Core Project		5	5	(Individual / Group Project)	25	75	100
III	Internal Elective	Paper-2	3	3	Immunology	25	75	100
III	Internal Elective	Paper-3	3	3	Pharmaceutical Biochemistry	25	75	100
IV	Naan Mudalvan SDC*		3	2	Bioinformatics	25	75	100
V	Extension Activities		-	1		100	0	100
		Total	30	30				900

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ANNAMALAI UNIVERSITY**Affiliated Colleges****B.Sc. BOTANY****UNDER CBCS****(With effect from 2021 - 2022)**

Part	Study Components		Ins. hrs week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-8	5	5	Plant Physiology and Plant Biochemistry	25	75	100
III	Core Theory	Paper-9	5	5	Ecology, Phytogeography and Toxicology	25	75	100
III	Core Practical	Practical-3	3	3	Covering Papers 5, 6 & 7	25	75	100
III	Core Practical	Practical-4	3	3	Covering Papers 8 & 9	25	75	100
III	Core Project	Project – 1	5	5	(Individual / Group Project)	25	75	100
III	Internal Elective	Paper-2	3	3	(to choose one out of 3) A. Plant Biotechnology B. Bio fertilizers C. Postharvest Technology	25	75	100
III	Internal Elective	Paper-3	3	3	(to choose one out of 3) A. Fermentation Technology B. Computer Application in Botany C. Forestry	25	75	100
IV	Naan Mudalvan SDC*		3	2	Organic Food Production Techniques	25	75	100
V	Extension Activities		-	1		100	0	100
		Total	30	30				900

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ANNAMALAI UNIVERSITY**Affiliated Colleges****B.Sc. ZOOLOGY
DEGREE COURSE****(With effect from 2021 - 2022)**

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-8	5	5	Environmental Biology	25	75	100
III	Core Theory	Paper-9	5	5	Economic Zoology	25	75	100
III	Core Practical	Practical-3	3	3	Bio-Statistics and Bio-Informatics Developmental Biology and Immunology Animal Physiology	25	75	100
III	Core Practical	Practical-4	3	3	Environmental Biology Economic Zoology	25	75	100
III	Compulsory Project	Paper-10	5	5	Individual / Group Project	25	75	100
III	Internal Elective	Paper-2	3	3	(To choose 1 out of 2) 1. Evolution 2. Microbiology	25	75	100
III	Internal Elective	Paper-3	3	3	(To choose 1 out of 2) 1. Bio Chemistry 2. Applied Entomology	25	75	100
IV	Naan Mudalvan SDC*		3	2	Medical Coding	25	75	100
V	Extension Activities		0	1		100	0	100
	Total		30	30				900

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ANNAMALAI UNIVERSITY

Affiliated Colleges

**B.Sc. MICROBIOLOGY
DEGREE COURSE****(With effect from 2021 - 2022)**

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-8	6	6	Medical Virology and Parasitology	25	75	100
III	Core Theory	Paper-9	5	5	Industrial Microbiology	25	75	100
III	Core Practical	Practical-3	3	3	Experiments in Medical Microbiology (Contd.)	25	75	100
III	Core Practical	Practical-4	3	3	Experiments in Applied Microbiology (Contd.)	25	75	100
III	Compulsory Project	Paper-10	5	5	Group/Individual Project	25	75	100
III	Internal Elective	Paper-2	3	3	(to choose one out of 3) A. Biotechnology B. Herbal Technology C. Genetic Engineering	25	75	100
III	Internal Elective	Paper-3	3	3	(to choose one out of 3) A. Bioinoculants Technology B. Clinical Microbiology C. Food analysis and quality control	25	75	100
IV	Naan Mudalvan SDC*		2	2	Bioinformatics	25	75	100
V	Extension Activities		-	1	-	100	0	100
	Total		30	31				900

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ANNAMALAI UNIVERSITY**Affiliated Colleges****B.Sc. BIOTECHNOLOGY
UNDER CBCS****(With effect from 2021 - 2022)**

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-8	5	5	Plant & Animal Biotechnology	25	75	100
III	Core Theory	Paper-9	5	5	Environmental Biotechnology	25	75	100
III	Core Practical	Practical-3	3	3	Lab in genetic Engineering and Plant & Animal Biotechnology	25	75	100
III	Core Practical	Practical-4	3	3	Lab in Industrial Biotechnology and Environmental Biotechnology	25	75	100
III	Compulsory Project	Paper-10	5	5	Individual / Group Project	25	75	100
III	Internal Elective	Paper-2	3	3	(to choose 1 out of 3) A. Forensic Science B. Sericulture C. Entrepreneurship	25	75	100
III	Internal Elective	Paper-3	3	3	(to choose 1 out of 3) A. Biosafety, Bioethics & IPR B. Pharmaceutical Biotechnology C. Horticulture and Landscaping	25	75	100
IV	Naan Mudalvan SDC*		3	2	Bioinformatics	25	75	100
V	Extension Activities		0	1		100	0	100
	Total		30	30				900

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ANNAMALAI UNIVERSITY**Affiliated Colleges****B.Sc. NUTRITION, FOOD SERVICE MANAGEMENT AND DIETETICS
UNDER CBCS****(With effect from 2021 - 2022)**

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER – VI								
III	Core Theory	Paper-8	5	4	Dietetics - II	25	75	100
III	Core Theory	Paper-9	5	4	Food Service Management	25	75	100
III	Core Theory	Paper-10	5	4	Human Development and Counselling	25	75	100
III	Core Practical	Practical-3	3	3	A. Nutrition through Life Cycle B. Dietetics - I	25	75	100
III	Core Practical	Practical-4	3	3	A. Food Service Management B. Dietetics - II	25	75	100
III	Core Project	Paper-11	5	5	Individual / Group Project	25	75	100
III	Internal Elective	Paper-2	3	3	Food Standards and Quality Control	25	75	100
III	Internal Elective	Paper-3	3	3	Nutraceuticals and Nutrigenomics	25	75	100
IV	Naan Mudalvan SDC*		3	2	Organic Food Production techniques	25	75	100
V	Extension Activities		0	1		100	0	100
			30	32				1000

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ANNAMALAI UNIVERSITY**Affiliated Colleges****B.Sc., INTERIOR DESIGN AND DECOR****(With effect from 2021 - 2022)**

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER VI								
III	Core Theory	Paper-9	4	4	Soft Furnishings	25	75	100
III	Core Theory	Paper-10	4	4	Applied Arts	25	75	100
III	Core Practical	Practical-3	3	3	Furniture and Furnishing Practical	25	75	100
III	Core Practical	Practical-4	3	3	Google Sketchup practical	25	75	100
III	Core Practical	Practical-5	3	3	Floriculture and Landscaping Practical	25	75	100
III	Compulsory Project	Paper-11	5	5	Individual / Group Project	25	75	100
III	Internal Elective	Paper-2	3	3	(to choose 1 out of 3) A. Professional Practice B. Environment control in Interiors C. Fine - Arts Drawing and Painting	25	75	100
III	Internal Elective	Paper-3	3	3	(to choose 1 out of 3) A. Ergonomics B. Green Building Technology C. Entrepreneurial Development	25	75	100
IV	Naan Mudalvan SDC*		2	2	Content writing & Digital Marketing	25	75	100
V	Extension Activities		0	1		100	0	100
	Sem. Total		30	31				1000

* 21UNMSD04

ANNAMALAI UNIVERSITY**Affiliated Colleges****B.Sc. COMPUTER SCIENCE****CBCS PATTERN****(With effect from 2021-2022)**

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-8	4	4	Open Source Software	25	75	100
III	Core Theory	Paper-9	4	4	Python Programming	25	75	100
III	Core Practical	Practical-7	4	3	Python Programming Lab	25	75	100
III	Core Practical	Practical-8	4	2	Open Source Programming Lab	25	75	100
III	Project		5	5	Project Work (Group/Individual Project)	25	75	100
III	Internal Elective	Paper - 2	3	3	(to choose any one) 1. Big Data Analytics 2. Cryptography 3. Digital Image Processing	25	75	100
III	Internal Elective	Paper - 3	3	3	(to choose any one) 1. Artificial Intelligence 2. System Software 3. Cloud Computing	25	75	100
IV	Naan Mudalvan SDC*		3	2	Data Analytics using Power BI	25	75	100
V	Extension Activities		0	1		100	0	100
	Sem. Total		30	27				900

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ANNAMALAI UNIVERSITY
Affiliated Colleges
B.Sc. VISUAL COMMUNICATIONS
UNDER CBCS
(With effect from 2021 - 2022)

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-8	5	4	Media Laws and Ethics	25	75	100
III	Core Theory	Paper-9	5	4	Managing Media Business	25	75	100
III	Core Theory	Paper-10	5	4	Production Management	25	75	100
III	Core Practical	Practical-4	-	4	Design Principles II	25	75	100
III	Compulsory Project		5	5	Group / Individual Project	25	75	100
III	Internal Elective	Paper-2	4	3	Marketing Communication	25	75	100
III	Internal Elective	Paper-3	4	3	Light and Colour	25	75	100
IV	Naan Mudalvan SDC*		2	2	Content Writing & Digital Marketing	25	75	100
V	Extension Activities		-	1		100	-	100
	Total		30	30				900

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ANNAMALAI UNIVERSITY

Affiliated Colleges

B.Sc. ENVIRONMENTAL MANAGEMENT**(With effect from 2021 -2022)**

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-12	6	4	Natural Hazard and Disaster Management	25	75	100
III	Core Theory	Paper-13	5	4	Environmental Impact Assessment	25	75	100
III	Core Theory	Paper-14	5	4	Environmental Laws, Policies and Treaties	25	75	100
III	Core Practical	Practical-4	0	3	Biostatistics and Instrumentation and Waste Management	25	75	100
III	Core Project	Paper - 15	5	5	Group / Individual Project	25	75	100
III	Elective	Paper-2	3	3	Climate change and Current issues	25	75	100
III	Elective	Paper-3	3	3	Environmental Toxicology	25	75	100
IV	Naan Mudalvan SDC*		3	2	Organic Food Production Techniques	25	75	100
V	Extension Activities		-	1		100	-	100
	Total		30	30				900

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ANNAMALAI UNIVERSITY**Affiliated Colleges****B.SC. PSYCHOLOGY****DEGREE COURSE****CBCS PATTERN****(With effect from 2021 - 2022)**

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER - VI								
III	Core Theory	Paper-12	4	4	Abnormal Psychology-II	25	75	100
III	Core Theory	Paper-13	4	4	Social Psychology-II	25	75	100
III	Core Practical	Paper-1	-	3	Experimental Psychology I (Practical)	25	75	100
III	Core Practical	Paper-2	6	3	Experimental Psychology-II	25	75	100
III	Project	Paper-14	5	5	Compulsory Project (Group / Individual)	25	75	100
III	Internal Elective	Paper-2	4	3	Positive Psychology	25	75	100
III	Internal Elective	Paper-3	4	3	Substance Use and Counseling	25	75	100
IV	Naan Mudalvan SDC*		3	2	Content Writing & Digital Marketing	25	75	100
V	Extension Activities		-	1	Extension Activities	100	0	100
	Total		30	28				900

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ANNAMALAI UNIVERSITY

Affiliated Colleges

BCA - BACHELOR OF COMPUTER APPLICATIONS

CBCS PATTERN

(With effect from 2021-2022)

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
III	Core Theory	Paper-12	4	4	Open Source Software	25	75	100
III	Core Theory	Paper-13	4	4	Python programming	25	75	100
III	Core Practical	Practical-7	4	2	Python programming Lab	25	75	100
III	Core Practical	Practical-8	4	2	Open Source Programming - Lab	25	75	100
III	Core Project		5	5	Group/ Individual Project Work	25	75	100
III	Internal Elective II	Paper-2	3	3	(Choose any one) 1. Big Data Analytics 2. Cryptography 3. Digital Image Processing	25	75	100
III	Internal Elective III	Paper-3	3	3	(Choose any one) 1. Artificial Intelligence 2. System Software 3. Mobile Computing	25	75	100
IV	Naan Mudalvan SDC*		3	2	Data Analytics using Power BI	25	75	100
V	Extension Activities		0	1		100	0	100
	Sem. Total		30	26				900

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ANNAMALAI UNIVERSITY**Affiliated Colleges****B.Sc. GEOLOGY****DEGREE COURSE****CBCS PATTERN****(With effect from 2021-2022)**

Part	Study Components		Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER -VI								
III	Core Theory	Paper-8	5	4	Stratigraphy	25	75	100
III	Core Theory	Paper-9	4	4	Economic Geology	25	75	100
III	Core Theory	Paper-10	4	4	Hydrogeology	25	75	100
III	Core Practical	Practical-3	2	2	Mineralogy	25	75	100
III	Core Practical	Practical-4	2	2	Petrology and Economic Geology	25	75	100
III	Compulsory Project	Paper -11	5	5	Group / Individual Project Project work in geological domain	25	75	100
III	Elective	Paper-2	3	3	Remote sensing	25	75	100
III	Elective	Paper-3	3	3	Marine Geology	25	75	100
IV	Naan Mudalvan SDC*		2	2	Content Writing & Digital Marketing	25	75	100
V	Extension Activities		0	1		100	0	100
	Total		30	30				1000

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ANNAMALAI UNIVERSITY
Affiliated Colleges
B.Sc. Information Technology
SYLLABUS
CBCS PATTERN - (2021 - 22)

PART	Study Components	Ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title				CIA	Uni. Exam	Total
SEMESTER - VI							
III	Core Course VIII[CC]	6	5	Mobile Computing	25	75	100
	Core Course IX [CC]	6	5	Database Systems	25	75	100
	Core Practical VI[CP]	5	3	Database Systems Lab	40	60	100
	Major Based Elective-II	5	4	Programming in PHP	25	75	100
	Major Based Elective-III	5	4	Dot Net Lab	40	60	100
IV	Naan Mudalvan SDC*	2	2	Data Analytics using Power BI	25	75	100
	Gender Studies	1	1	Gender Studies	25	75	100
V	Extension Activities	-	1	Extension Activities	100	-	100
	TOTAL	30	25				800

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