அண்ணாமலைப் பல்கலைக்கழகம்

101 - இளம் இலக்கியவியல் (பி.லிட்.)

2022 – 2023 ஆம் கல்வியாண்டுக்காண நடைமுறைப்படுத்தப்படும் முதன்மை, சார்பு ,விருப்பப்பாடம் ,திறன்மேம்பாட்டுத் தேர்வுமுறைப் பாட அமைப்புகள்
The Programme of Study and the Scheme of Examinations

மூன்றாம் ஆண்டு (ஆறாம் பருவம்)

Course Code	Part	Subject	paper	Title of the Course	Hrs/ Week	Credit	Maximum Marks		
							CIA	ESE	Total
22UBLTC61	III	முதன்மைப் பாடம்	தாள் 20	இலக்கியம் 7: சங்க இலக்கியம் பகுதி 2	5	4	25	75	100
22UBLTC62		முதன்மைப் பாடம்	தாள் 21	இலக்கியம் - 8 : சிற்றிலக்கியங்கள்	5	4	25	75	100
22UBLTC63		முதன்மைப் பாடம்	தாள் 22	இலக்கணம் 8: தொல்காப்பியம் பொருளதிகாரம் பகுதி 2	6	5	25	75	100
22UBLTE64		விருப்பப் பாடம் 1	தாள் 1	சித்தரியல்	4	2	25	75	100
22UBLTE65		விருப்பப் பாடம் 2	தாள் 2	திராவிட மொழிகளின் ஒப்பிலக்கணம்	4	2	25	75	100
22UNMSD05	IV	**Skill Development Course IV**		**Creative and Innovative Skills for Employability: Career Readiness Programme**	2	2	25	75	100
22UBLTP66				ஆய்வேடு ஒப்படைத்தல்	2	2	25	75	100
22UEXTA67	V			விரிவாக்கச் செயல்பாடுகள்	2	2	25	75	100
				Total	30	23	225	675	800

Paper Replaced:

22UBLTS66	I V	திறன் அடிப்படையிலான விருப்பப் பாடம் 5	தாள் 3	மொழிபெயர்ப்பியல்	2	2	25	75	100

ANNAMALAI UNIVERSITY

102. B.A. TAMIL

2022 – 2023 ஆம் கல்வியாண்டுக்காண நடைமுறைப்படுத்தப்படும் முதன்மை, சார்பு, விருப்பப்பாடம், திறன்மேம்பாட்டுத் தேர்வுமுறைப் பாட அமைப்புகள்

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	CIA	ESE	Total
					Maximum Marks		
		SEMESTER – VI					
22UTAMC61	III	Core Course - XIII: அற இலக்கியம்	6	5	25	75	100
22UTAMC62		Core Course - XIV : தண்டியலங்காரம்	6	5	25	75	100
22UTAMC63		Core Course - XV: இலக்கியத் திறனாய்வியல்	6	5	25	75	100
22UTAMC64		Core Course - XVI : **நாட்டுப்புற இலக்கியம்**	6	5	25	75	100
		Internal Elective - IV : (Choose any 1 out of 3)					
22UTAME65-1		ஒப்பிலக்கியம்	4	4	25	75	100
22UTAME65-2		மொழிபெயர்ப்பு					
22UTAME65-3		அகராதியியல்					
22UNMSD05	IV	Creative and Innovative Skills for Employability: Career Readiness Programme	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	30	27			700

Paper Replaced:

22UTAMS66	IV	Skill Based Subject – IV: படைப்பிலக்கியம்	2	2	25	75	100

ANNAMALAI UNIVERSITY
103 B.A. ENGLISH

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	CIA	ESE	Total
		SEMESTER – VI					
22UENGC61		Core Course - XIII: Literary Theory and Criticism	6	5	25	75	100
22UENGC62		Core Course - XIV: New Literatures in English	6	5	25	75	100
22UENGC63		Core Course - XV: Drama II	6	5	25	75	100
22UENGC64	III	Core Course - XVI World Classics in Translation	6	5	25	75	100
		Internal Elective - IV: (Choose any 1 out of 3)					
22UENGE65-1		Language and Linguistics					
22UENGE65-2		Comparative Literature	4	4	25	75	100
22UENGE65-3		Approaches to Literature					
22UNMSD05	IV	Creative and Innovative Skills for Employability: Career Readiness Programme	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**27**			**700**

Paper Replaced:

22UENGS66	IV	Skill Based Subject – IV: English for Internet	2	2	25	75	100

104 B.A HISTORY

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	CIA	ESE	Total
		SEMESTER – VI					
22UHISC61		Core Paper -XIII: History of Europe from 1789 C.E. to 1945 C.E.	6	**4**	25	75	100
22UHISC62		Core Paper -XIV: History of USA from 1932 C.E. to 2000 C.E.	6	**4**	25	75	100
22UHISC63		Core Paper -XV: History of Japan from 1853 C.E. to 1990 C.E.	6	5	25	75	100
22UHISC64		Core Paper –XVI: History of Modern World upto 1945 C.E.	6	5	25	75	100
	III	Internal Elective- IV: (Choose any 1 out of 3)					
22UHISE65-1		Constitutional History of England from 1603 C.E. to 2000 C.E.	4	4	25	75	100
22UHISE65-2		History of Science and Technology in India Since 1900 C.E.					
22UHISE65-3		Dravidian Movement in Tamil Nadu since 1947 C.E.					
22UNMSD05	IV	Creative and innovative Skills for Employability: Aerial Surveying and Mapping Techniques	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100		100
		Total	**30**	**25**			**700**

Paper Replaced:

22UHISS66	IV	Skill Based Paper - III: Competitive Examination Methods	2	2			

ANNAMALAI UNIVERSITY

105 - B.A. ECONOMICS

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
SEMESTER – VI							
22UECOC61	III	Core – XIII: International Trade – II	6	5	25	75	100
22UECOC62		Core – XIV: History of Economic Thought	6	5	25	75	100
22UECOC63		Core – XV: Environmental Economics	6	4	25	75	100
22UECOC64		Core – XVI: Industrial Economics	6	4	25	75	100
		Internal Elective – IV: (Choose any 1 out of 3)					
22UECOE65-1		Managerial Economics					
22UECOE65-2		Agricultural Marketing	4	4	25	75	100
22UECOE65-3		Economics of Education					
22UNMSD05	IV	Banking and Audit Essentials for Employability: E-Commerce Analyst* (or) Inventory Control and Optimisation (Tools and Techniques)**	2	2	25	75	100
22UEXTS67	V	Extension Activities	-	1	100	-	100
Total			**30**	**25**			**700**

* For students studying in colleges located in Cuddalore and Mayiladuthurai District.

** For students studying in colleges located in Villupuram and Kallakurichi District.

Paper Replaced:

22UECOS66	IV	SBS- IV: Business Communication	2	2	25	75	100

ANNAMALAI UNIVERSITY

106 - B.A. POLITICAL SCIENCE

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UPOLC61		Core Course - XIII: International Relations	6	5	25	75	100
22UPOLC62		Core Course - XIV : Modern Political Theory	6	5	25	75	100
22UPOLC63		Core Course - XV: Local Government in India	6	5	25	75	100
22UPOLC64	III	Core Course - XVI : Legislative Procedures	6	5	25	75	100
		Internal Elective - IV: (Choose any 1 out of 3)					
22UPOLE65-1		Electoral Politics in India	4	4	25	75	100
22UPOLE65-2		Asian Political Systems					
22UPOLE65-3		Development Administration					
22UNMSD05	IV	Creative and Innovative Skills for Employability: Career Readiness Programme	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**27**			**700**

Paper Replaced:

22UPOLS66	IV	Skill Based Subject – IV: NGO Management	2	2	25	75	100

ANNAMALAI UNIVERSITY
107. B.A. PUBLIC ADMINISTRATION

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UPUBC61	III	Core Course - XIII: Public Policy Analysis	6	5	25	75	100
22UPUBC62		Core Course - XIV : E-Governance in India	6	5	25	75	100
22UPUBC63		Core Course - XV: Development Administration	6	5	25	75	100
22UPUBC64		Core Course - XVI : Principles of Rural Development	6	5	25	75	100
		Internal Elective - IV: (Choose any 1 out of 3)					
22UPUBE65-1		Fiscal Federalism	4	4	25	75	100
22UPUBE65-2		Accountability and Corruption in India					
22UPUBE65-3		Organizational Behavior					
22UNMSD05	IV	Creative and Innovative Skills for Employability: Career Readiness Programme	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**27**			**700**

Paper Replaced:

22UPUBS66	IV	Skill Based Subject – IV : Tourism Management	2	2			

ANNAMALAI UNIVERSITY

108 - B.Com. (GENERAL)

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges in the academic year
2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UCOMC61	III	Core Course - XI: Cost Accounting II	6	5	25	75	100
22UCOMC62		Core Course - XII: Income Tax Law and practice II	6	5	25	75	100
22UCOMC63		Core Course - XIII: Management Accounting	6	5	25	75	100
22UCOMP64		Core Practical – III: Digital Marketing Practical	5	3	25	75	100
		Internal Elective - IV : (Choose any 1 out of 3)	5	4	25	75	100
22UCOME65-1		Human Resource Management					
22UCOME65-2		Goods and Service Tax					
22UCOME65-3		Financial Management					
22UNMSD05	IV	Banking and Audit Essentials for Employability: E-Commerce Analyst* (or) Inventory Control and Optimisation (Tools and Techniques)**	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**25**			**700**

* For students studying in colleges located in Cuddalore and Mayiladuthurai District.

** For students studying in colleges located in Villupuram and Kallakurichi District.

Paper Replaced:

22UCOMS66	IV	Skill Based Course – IV: Customer Relationships Management	3	2	25	75	100

ANNAMALAI UNIVERSITY
109. B.Com. (Corporate Secretaryship)

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	CIA	ESE	Total
		SEMESTER – VI					
22UCOSC61		Core Course - XV: Management Accounting	6	5	25	75	100
22UCOSC62		Core Course - XVI : Corporate Governance and Business Ethics	6	5	25	75	100
22UCOSC63		Core Course - XVII : Customs, Excise and Goods and Service Tax	6	5	25	75	100
22UCOSP64	III	Core Practical – III : Computerized Accounting (Tally)	5	3	40	60	100
		Internal Elective - IV : (Choose any 1 out of 3)					
22UCOSE65-1		Human Resource Management					
22UCOSE65-2		Investment Management	5	4	25	75	100
22UCOSE65-3		Services Marketing					
22UMNSD05	IV	Banking and Audit Essentials for Employability: E-Commerce Analyst* (or) Inventory Control and Optimisation (Tools and Techniques)**	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**25**			**700**

* For students studying in colleges located in Cuddalore and Mayiladuthurai District.

** For students studying in colleges located in Villupuram and Kallakurichi District.

Paper Replaced:

22UCOSS66	IV	Skill Based Course – IV: Project Work	3	2	25	75	100

ANNAMALAI UNIVERSITY

110. B.COM. COOPERATION

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	CIA	ESE	Total
		SEMESTER – VI					
22UCOPC61		Core Course - XI: Cooperative Management and Administration	6	5	25	75	100
22UCOPC62		Core Course - XII : Production Trade and Services Cooperatives	6	5	25	75	100
22UCOPC63		Core Course - XIII : Agri- Business Management	6	5	25	75	100
22UCOPP64	III	Core Practical – III : Cooperative Project Planning and Formulation	5	4	25	75	100
		Internal Elective - IV **:** (Choose any 1 out of 3)					
22UCOPE65-1		Financial Services	5	4	25	75	100
22UCOPE65-2		Business Process Modeling					
22UCOPE65-3		Sustainable development in Cooperatives					
22UMNSD05	IV	Banking and Audit Essentials for Employability: E-Commerce Analyst* (or) Inventory Control and Optimisation (Tools and Techniques)**	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	30	26			700

* For students studying in colleges located in Cuddalore and Mayiladuthurai District.

** For students studying in colleges located in Villupuram and Kallakurichi District.

Paper Replaced:

22UCOPS66	IV	Skill Based Course – IV: Public Personnel Administration	3	2	25	75	100

ANNAMALAI UNIVERSITY
111. B.Com. (Computer Applications)

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
for the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UCOAC61	III	Core Course - XI: Management Accounting	6	5	25	75	100
22UCOAC62		Core Course - XII: Human Resource Management	6	5	25	75	100
22UCOAC63		Core Course - XIII: Customs, Excise and Goods and Service Tax	6	5	25	75	100
22UCOAP64		Core Practical – III: Web Technology	5	3	25	75	100
		Internal Elective - IV: (Choose any one)	5	4	25	75	100
22UCOAE65-1		Investment Management					
22UCOAE65-2		Internet of Things					
22UNMSD05	IV	Banking and Audit Essentials for Employability: E-Commerce Analyst* (or) Inventory Control and Optimisation (Tools and Techniques)**	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**25**			**700**

* For students studying in colleges located in Cuddalore and Mayiladuthurai District.

** For students studying in colleges located in Villupuram and Kallakurichi District.

Paper Replaced:

22UCOAS66	IV	Skill Based Course – IV: Project Work	3	2	25	75	100

ANNAMALAI UNIVERSITY

112 B.Com. (Bank Management)

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
for the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UBBMC61		Core Course - XI: International Banking	6	5	25	75	100
22UBBMC62		Core Course - XII : Bank Auditing	6	5	25	75	100
22UBBMC63		Core Course - XIII : Management Accounting	6	6	25	75	100
22UBBMP64	III	Core Practical – III: Business Plan Preparation and Appraisal	5	4	40	60	100
		Internal Elective – IV: (Choose any 1 out of 3)					
22UBBME65-1		Human Resources Management					
22UBBME65-2		Financial Management	5	4	25	75	100
22UBBME65-3		Merchant Banking					
22UNMSD05	IV	Banking and Audit Essentials for Employability: E-Commerce Analyst* (or) Inventory Control and Optimisation (Tools and Techniques)**	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**27**			**700**

* For students studying in colleges located in Cuddalore and Mayiladuthurai District.

** For students studying in colleges located in Villupuram and Kallakurichi District.

Paper Replaced:

22UBBMS66	IV	Skill Based Course – IV: Fundamentals of Digital Banking	3	2	25	75	100

ANNAMALAI UNIVERSITY

113 B.Com. (Finance & Accounting)

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges for the academic
year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UFIAC61		Core Course - XI: Management Accounting	6	5	25	75	100
22UFIAC62		Core Course - XII: Human Resource Management	6	5	25	75	100
22UFIAC63		Core Course - XIII: Customs, Excise and Goods and Service Tax	6	5	25	75	100
22UFIAP64	III	Core Practical – III: Computerised Accounting (Tally)	5	3	25	75	100
		Internal Elective - IV: (Choose any 1 out of 3)					
22UFIAE65-1		Investment Management					
22UFIAE65-2		Financial Management	5	4	25	75	100
22UFIAE65-3		Services Marketing					
22UNMSDO5	IV	Banking and Audit Essentials for Employability: E-Commerce Analyst* (or) Inventory Control and Optimisation (Tools and Techniques)**	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**25**			**700**

* For students studying in colleges located in Cuddalore and Mayiladuthurai District.

** For students studying in colleges located in Villupuram and Kallakurichi District.

Paper Replaced:

22UFIAS66	IV	Skill Based Course – IV: Project Work	3	2	25	75	100

ANNAMALAI UNIVERSITY

114 - B.S.W (Bachelor of Social Work)

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	CIA	ESE	Total
						Maximum Marks	
22UBSWC61	III	Core Course – XI: Women Development Issues and Concerns	6	5	25	75	100
22UBSWC62		Core Course – XII : Counselling for Social Work	6	5	25	75	100
22UBSWC63		Core Course – XIII : Disaster Management	6	5	25	75	100
22UBSWP64		Core Practical – III : Concurrent Field Work – III	5	3	40	60	100
		Internal Elective – IV: (Choose any 1 out of 3)					
22UBSWE65-1		Human Rights and Social Justice	5	4	25	75	100
22UBSWE65-2		Gandhian Philosophy and Social Work					
22UBSWE65-3		Rural and Urban Community Development					
22UNMSD05	IV	Creative and Innovative Skills for Employability: Career Readiness Programme	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100		100
		One Month Block Placement (Mandatory)	-	-	-	-	-
		Total	**30**	**25**			**700**

Paper Replaced:

22UBSWS66	IV	Skill Based Course – IV: Fundamentals of Nutrition	3	2	25	75	100

ANNAMALAI UNIVERSITY

115. B.B.A.

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

COURSE CODE	PART	STUDY COMPONENTS & COURSE TITLE	HOURS/WEEK	CREDIT	CIA	ESE	TOTAL
		SEMESTER – VI					
22UBBAC61	III	Core Course - XI: Industrial Relations & Labour Law	6	5	25	75	100
22UBBAC62		Core Course - XII: Strategic Management	6	5	25	75	100
22UBBAC63		Core Course - XIII : Entrepreneurship & Small Business	6	5	25	75	100
22UBBAP64		Core Practical – III : Basics of SPSS	5	4	40	60	100
		Internal Elective - IV : (Choose any 1 out of 3)					
22UBBAE65-1		Material Management					
22UBBAE65-2		Portfolio Management	5	4	25	75	100
22UBBAE65-3		Reward Management					
22UNMSD05	IV	Banking and Audit Essentials for Employability: E-Commerce Analyst* (or) Inventory Control and Optimisation (Tools and Techniques)**	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	30	26			700

* For students studying in colleges located in Cuddalore and Mayiladuthurai District.

** For students studying in colleges located in Villupuram and Kallakurichi District.

Paper Replaced:

22UBBAS66	IV	Skill Based Course – IV: Employability Skills	3	2	25	75	100

ANNAMALAI UNIVERSITY
116 - B.A. DEFENCE AND STRATEGIC STUDIES

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UDASC61	III	Core Course - XIII: National Security Of India	6	5	25	75	100
22UDASC62		Core Course - XIV : Introduction To International Law	6	5	25	75	100
22UDASC63		Core Course - XV: Arms Control and Disarmament	6	5	25	75	100
22UDASC64		Core Course - XVI : Warfare And Technology	6	5	25	75	100
		Internal Elective - IV: (Choose any 1 out of 3)	4	4	25	75	100
22UDASE65-1		Defence Management					
22UDASE65-2		Military Geography					
22UDASE65-3		Refugee Studies					
22UNMSD05	IV	Creative and Innovative Skills for Employability: Career Readiness Programme	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	30	27			700

Paper Replaced:

22UDASS66	IV	Skill Based Subject – IV: Defence Journalism	2	2	25	75	100

201 - B.Sc. MATHEMATICS

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UMATC61	III	Core Course – XII : Vector Analysis	6	4	25	75	100
22UMATC62		Core Course – XIII : Complex Analysis	6	4	25	75	100
22UMATC63		Core Course – XIV : Operations Research	6	4	25	75	100
22UMATC64		Core Course – XV : Graph Theory	5	4	25	75	100
		Internal Elective – IV : (Choose any 1 out of 3)					
22UMATE65-1		Laplace and Z Transform	5	3	25	75	100
22UMATE65-2		Astronomy					
22UMATE65-3		Special Functions					
22UNMSD05	IV	Advanced Technology for Employability: Advanced Data Analysis and Visualization	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**22**			**700**

Paper Replaced:

22UMATS66	IV	Skill Based Subject – IV : Quantitative Techniques	3	2	25	75	100

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ANNAMALAI **UNIVERSITY**

202. B. Sc. Statistics

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

</div>

Course Code	Part	Study Components & Course Title	Hours /Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22USTAC61	III	Core Course – X: Statistical Inference-II	5	5	25	75	100
22USTAC62		Core Course – XI: Regression analysis	5	5	25	75	100
22USTAC63		Core Course – XII: Design of Experiments	5	4	25	75	100
22USTAC64		Core Course – XIII: Stochastic Processes	4	4	25	75	100
22USTAP65		Core Practical – III: Statistical Practical – III	3	2	40	60	100
22USTAP66		Core Practical – IV: Statistical Data Analysis - Software Based	3	4	40	60	100
		Internal Elective – IV: (Choose any One)	3	3	25	75	100
22USTAE68-1		Demography					
22USTAE68-2		Real Analysis-II					
22UNMSD05	IV	Advanced Technology for Employability: Advanced Data Analysis and Visualization	2	2	25	75	100
22UEXTA67	V	Extension Activities		1	100	-	100
		Total	**30**	**30**			**900**

Paper Replaced:

22USTAS69	IV	Skill Based Subject – IV: Econometrics	2	2	25	75	100

ANNAMALAI UNIVERSITY

203. B. Sc. Physics

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours /Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UPHYC61	III	Core Course – X : Solid State Physics	5	5	25	75	100
22UPHYC62		Core Course – XI : Nuclear and Particle Physics	4	5	25	75	100
22UPHYC63		Core Course – XII : Applied Electronics	4	5	25	75	100
22UPHYC64		Core Course – XIII : Microprocessor and its Applications	4	4	25	75	100
22UPHYP65		Core Practical – III General Experiments	4	3	40	60	100
22UPHYP66		Core Practical – IV Electronics Experiments	4	3	40	60	100
		Internal Elective – IV : (Choose any 1 out of 3)	3	3	25	75	100
22UPHYE68-1		Nano Physics					
22UPHYE68-2		Radiation Safety					
22UPHYE68-3		Molecular Biophysics					
23UNMSD05	IV	Advanced Technology for Employability: Advanced Data Analysis and Visualization	2	2	25	75	100
22UEXTA67	V	**Extension Activities**		1	100	-	100
		Total	**30**	**31**			**900**

Paper Replaced:

22UPHYS69	IV	Skill Based Subject – IV : Instrumentation Techniques	3	2	25	75	100
		SDC – III: PBL - Salesforce Certified Associate	2	2	25	75	100

ANNAMALAI UNIVERSITY
204. B. Sc. Chemistry

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UCHEC61		Core Course – X: Inorganic Chemistry-II	5	4	25	75	100
22UCHEC62		Core Course – XI: Organic Chemistry-II	5	4	25	75	100
22UCHEC63		Core Course – XII: Physical Chemistry-II	5	4	25	75	100
22UCHEP64		Core Practical – III: Gravimetric Analysis and Organic Preparations	3	4	40	60	100
22UCHEP65		Core Practical – IV: Organic Qualitative Analysis Core	3	4	40	60	100
22UCHEP66		Practical-V-Physical Chemistry Practicals	3	4	40	60	100
	III	Internal Elective – IV: (Choose any 1 out of 3)					
22UCHEE68-1		Nano Chemistry	4	3	25	75	100
22UCHEE68-2		Spectroscopy-II					
22UCHEE68-3		Organic Synthesis					
22UNMSD05	IV	Advanced Technology for Employability: EV Battery Management	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**30**			**900**

Paper Replaced:

22UCHES69	IV	Skill Based Subject – IV : Dairy Chemistry	2	2	25	75	100

ANNAMALAI UNIVERSITY

205. B.Sc. Industrial Chemistry

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UICHC61		Core Course – X: Inorganic Chemistry-II	5	4	25	75	100
22UICHC62		Core Course – XI: Organic Chemistry-II	5	4	25	75	100
22UICHC63		Core Course – XII: Physical Chemistry-II	5	4	25	75	100
22UICHP64		Core Practical – III: Gravimetric Analysis and organic Preparations	3	4	40	60	100
22UICHP65	III	Core Practical – IV: Organic Qualitative Analysis	3	4	40	60	100
22UICHP66		Core Practical-V-Physical Chemistry Practicals	3	4	40	60	100
		Internal Elective – IV : (Choose any 1 out of 3)					
22UICHE68-1		Nano Chemistry	4	3	25	75	100
22UICHE68-2		Spectroscopy-II					
22UICHE68-3		Organic Synthesis					
22UNMSD05	IV	Advanced Technology for Employability: EV Battery Management	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**30**			**900**

Paper Replaced:

22UICHS69	IV	Skill Based Subject – IV : Dairy Chemistry	2	2	25	75	100

ANNAMALAI UNIVERSITY
206. B.Sc. Botany

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course code	Part	Study Components and Course Title	Hours/ week	Credit	Maximum marks		
					CIA	ESE	Total
		SEMESTER - VI					
22UBOTC61	III	Core Course X: Plant Ecology & Phytogeography	5	4	25	75	100
22UBOTC62		Core Course XI: Plant Biochemistry, Bioinformatics and Biostatistics	5	4	25	75	100
22UBOTC63		Core Course XII: Plant Physiology	6	4	25	75	100
22UBOTP64		Core Practical III:	4	3	40	60	100
22UBOTP65		Core Practical IV:	4	3	40	60	100
		Internal Elective IV : (Choose any 1 out of 3)	4	3	25	75	100
22UBOTE66-1		Phytochemistry					
22UBOTE66-2		Organic farming					
22UBOTE66-3		Invasion Biology					
22UNMSD05	IV	Advanced Technology for Employability: Food Safety and Quality Management	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**26**			**800**

Paper Replaced:

22UBOTS68	IV	Skill Based subject IV: Plant Dyes & Pigments	2	2	25	75	100

ANNAMALAI UNIVERSITY

207. B.Sc. Environmental Management

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UEVMC61	III	Core Course - X : Wild Life Conservation Biology and Management	5	4	25	75	100
22UEVMC62		Core Course - XI : Natural Hazard and Disaster Management	5	4	25	75	100
22UEVMC63		Core Course - XII : Environmental Laws and Policies	4	4	25	75	100
22UEVMP64		Core Practical – III : Environmental Impact Assessment and Computers in Environment	4	3	40	60	100
22UEVMP65		Core Practical - IV: Pollution Management and Waste Handling and Recycling Techniques.	4	3	40	60	100
		Internal Elective - IV: (Choose any One)	4	3	25	75	100
22UEVME66-1		Environmental Economics					
22UEVME66-2		Waste handling management					
22UNMSD05	IV	Advanced Technology for Employability: Food Safety and Quality Management	2	2	25	75	100
22UEXTA67	V	Extension Activities	2	1	100	-	100
		Total	**30**	**24**			**800**

Paper Replaced:

22UEVMS68	IV	Skill Based Subject - IV : Environmental Biotechnology and Herbal Science	2	2	25	75	100

ANNAMALAI UNIVERSITY

208. B.Sc. Zoology

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours /Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UZOOC61		Core Course – X : Ecology	6	4	25	75	100
22UZOOC62		Core Course – XI : Evolution	5	4	25	75	100
22UZOOC63		Core Course – XII : Micro-Biology& Immunology	5	4	25	75	100
22UZOOP64		Core Practical – III : Developmental Biology, Animal Physiology, Biochemistry, Bio-Technology & Bio-Informatics	4	4	40	60	100
22UZOOP65	III	Core Practical – IV: Ecology & Evolution &Micro-Biology & Immunology	4	4	40	60	100
		Internal Elective – IV : (Choose any 1 out of 3)					
22UZOOE66-1		Bio-Fertilizer Production	4	3	25	75	100
22UZOOE66-2		Human Endocrinology					
22UZOOE66-3		Medical Laboratory Techniques					
22UNMSD05	IV	Advanced Technology for Employability: Clinical Trials and Data Management	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**26**			**800**

Paper Replaced:

22UZOOS68	IV	Skill Based Subject – IV : Aquarium Fish Keeping	2	2	25	75	100

209. B. Sc. Geology

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours /Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UGEOC61		Core Course – X : Hydrogeology	5	4	25	75	100
22UGEOC62		Core Course – XI : Basics of Remote Sensing, GIS and GNSS	5	4	25	75	100
22UGEOC63		Core Course – XII : Engineering Geology	5	3	25	75	100
22UGEOP64		Core Practical – III : Igneous, Sedimentary and Metamorphic Petrology	4	4	40	60	100
22UGEOP65	III	Core Practical – IV: Economic Geology and Field Visit	4	4	40	60	100
		Internal Elective – IV : (Choose any 1 out of 3)					
22UGEOE66-1		Natural hazards and Disaster Management	4	3	25	75	100
22UGEOE66-2		Economic minerals and Gemstone					
22UGEOE66-3		Soil Geology					
22UNMSD05	IV	Creative and Innovative Skills for Employability: Aerial Surveying and Mapping Techniques	2	2	25	75	100
22UEXTA67	V	Extension Activities	1	1	100	-	100
		Total	**30**	**25**			**800**

Paper Replaced:

22UGEOS68	IV	Skill Based Subject – IV : Mineral Exploration Techniques	3	2	25	75	100

ANNAMALAI UNIVERSITY

210. B. Sc. Biochemistry

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UBIOC61	III	Core Course –X: Endocrinology	6	4	25	75	100
22UBIOC62		Core Course –XI: Biotechnology	5	4	25	75	100
22UBIOC63		Core Course –XII: Immunology	5	4	25	75	100
22UBIOP64		Core Practical – III	4	4	40	60	100
22UBIOP65		Practical (Elective) – IV	4	4	40	60	100
		Internal Elective – IV: (Choose any 1 out of 3)	4	3	25	75	100
22UBIOE66-1		Plant Biochemistry					
22UBIOE66-2		Stem cell Biology					
22UBIOE66-3		Life style &diseases					
22UNMSD05	IV	Advanced Technology for Employability: Clinical Trials and Data Management	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	30	**26**			**800**

Paper Replaced:

22UBIOS68	IV	Skill Based Subject-IV: Pharmaceutical Biochemistry	3	2	25	75	100

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course code	Part	Study Components & Course Title	Hours / Week	Credit	Maximum Marks		
					CIA	ESE	Total
SEMESTER - VI							
22UBTHC61	III	Core Course – X : Plant Biotechnology	5	5	25	75	100
22UBTHC62		Core Course – XI : Pharmaceutical Biotechnology	5	5	25	75	100
22UBTHC63		Core Course – XII: Environmental Biotechnology	5	4	25	75	100
22UBTHP64		Core Practical - III: Immunology & Industrial Biotechnology & Plant Biotechnology	5	3	40	60	100
22UBTHP65		Core Practical - IV: Recombinant DNA Technology, Animal Biotechnology & Environmental Biotechnology	4	3	40	60	100
		Internal Elective – IV : (Choose any 1 out of 3)	4	3	25	75	100
22UBTHE66-1		Enzyme Technology					
22UBTHE66-2		Bio prospecting					
22UBTHE66-3		Biomarker Technology					
22UNMSD05	IV	Advanced Technology for Employability: Clinical Trials and Data Management	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**26**			**800**

Paper Replaced:

22UBTHS68	IV	Skill Based Subject - IV : Bioethics and Biosafety	2	2	25	75	100

ANNAMALAI UNIVERSITY

212 - B.Sc. Microbiology

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UMICC61	III	Core Course – X :Environmental Microbiology	5	5	25	75	100
22UMICC62		Core Course – XI : Medical Parasitology and Virology	5	5	25	75	100
22UMICC63		Core Course – XII : Microbial Biotechnology	6	4	25	75	100
22UMICP64		Core Practical – III : Applied Microbiology Practical	4	3	40	60	100
22UMICP65		Core Practical – IV:Medical Microbiology Practical	4	4	40	60	100
		Internal Elective – IV : (Choose any 1 out of 3)	4	3	25	75	100
22UMICE66-1		IPR and Bioethics					
22UMICE66-2		Genetic Engineering					
22UMICE66-3		Entrepreneurial Microbiology					
22UNMSD05	IV	Advanced Technology for Employability: Clinical Trials and Data Management	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**27**			**800**

Paper Replaced:

22UMICS68	IV	Skill Based Subject – IV : Diagnostic Microbiology	2	2	25	75	100

ANNAMALAI UNIVERSITY

213 - BACHELOR OF COMPUTER APPLICATONS (BCA)

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	CIA	ESE	Total
		SEMESTER – VI					
22UBCAC61	III	Core Course – XI : PHP Programming	5	4	25	75	100
22UBCAC62		Core Course – XII : ASP.NET	4	4	25	75	100
22UBCAC63		Core Course – XIII : Cloud Computing	4	4	25	75	100
22UBCAC64		Core Course – XIV : Data Mining	4	4	25	75	100
22UBCAP65		Core Practical – VII :PHP Programming Lab	4	2	40	60	100
22UBCAP66		Core Practical – VIII : ASP .NET Lab	4	2	40	60	100
22UBCAE68-1 22UBCAE68-2 22UBCAE68-3		Internal Elective – IV : (Choose any 1 out of 3) Digital Image Processing Information Security Software Project Management	3	3	25	75	100
22UNMSD05	IV	Emerging Technology for Employability: OCI Professional	2	2	25	75	100
22UEXTA67	V	Extension Activities		1	100	-	100
		Total	30	26			900

Paper Replaced:

22UBCAS69	IV	Skill Based Subject – IV: Big Data Analytics	3	2	25	75	100

214 - B. Sc. Computer Science

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UCSCC61	III	Core Course – X : Operating System	5	4	25	75	100
22UCSCC62		Core Course – XI: Dotnet Programming	5	4	25	75	100
22UCSCC63		Core Course – XII: IOT and Its Applications	4	3	25	75	100
22UCSCC64		Core Course – XIII: Mobile computing	4	4	25	75	100
22UCSCP65		Core Practical – VII: Linux Operating System Lab	3	2	40	60	100
22UCSCP66		Core Practical – VIII: DOT NET Programming Lab	3	2	40	60	100
		Internal Elective – IV : (Choose any 1 out of 3)	4	3	25	75	100
22UCSCE68-1		Network Security					
22UCSCE68-2		OOAD and UML					
22UCSCE68-3		Cloud Computing					
22UNMSD05	IV	Emerging Technology for Employability: OCI Professional	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**27**			**900**

Paper Replaced:

22UCSCS69	IV	Skill Based Subject – IV : Android Programming	3	2	25	75	100

215. B. Sc. INFORMATION TECHNOLOGY

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UINTC61		Core Course – X : Open Source Software	5	4	25	75	100
22UINTC62		Core Course – XI: Relational Data Base Management System	5	4	25	75	100
22UINTC63		Core Course – XII : Internet of Things	4	4	25	75	100
22UINTC64		Core Course – XII : Object Oriented Analysis Design	4	4	25	75	100
22UINTP65	III	Core Practical – VII : Open Source Software Lab	3	2	40	60	100
22UINTP66		Core Practical – VIII : Relational Data Base Management System Lab	3	2	40	60	100
		Internal Elective – IV : (Choose any 1 out of 3)					
22UINTE68-1		Cryptography and Network Security	4	4	25	75	100
22UINTE68-2		System Administration and Maintenance					
22UINTE68-3		Mobile Computing					
22UNMSD05	IV	Emerging Technology for Employability: OCI Professional	2	2	25	75	100
22UEXTA67	V	Extension Activities		1	100	-	100
		Total	**30**	**27**			**900**

Paper Replaced:

22UINTS69	IV	Skill Based Subject – IV : Android Programming	4	2	25	75	100

217. B. Sc. Visual Communication

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours / Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UVSCC61		Core Course – IX: Multimedia application in media industry	5	4	25	75	100
22UVSCC62		Core Course – X: E-content Writing	5	4	25	75	100
22UVSCC63		Core Course – XI: Visual Analysis Tools	3	4	25	75	100
22UVSCC64		Core Course – XII: Animation	5	4	25	75	100
22UVSCP65	III	Core Practical – IV: Short Film Production– Practical	6	4	40	60	100
		Internal Elective – IV: (Choose any 1 out of 3)					
22UVSCE66-1		Event Management					
22UVSCE66-2		Distribution & Exhibition	4	3	25	75	100
22UVSCE66-3		Editing & Ethics					
22UNMSD05	IV	Creative and Innovative Skills for Employability: Career Readiness Programme	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**26**			**800**

Paper Replaced:

22UVSCS68	IV	Skill Based Subject – IV: Public Relation	2	2	25	75	100

ANNAMALAI UNIVERSITY

218 - B.Sc. Psychology
Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UPSYC61	III	Core Course – XIII : Social Psychology-II	6	5	25	75	100
22UPSYC62		Core Course – XIV : Psychopathology II	6	5	25	75	100
22UPSYC63		Core Course – XV : Positive Psychology II	6	4	25	75	100
22UPSYP64		Core Practical – III : Experimental Psychology II	6	4	40	60	100
		Internal Elective – IV: (Choose any One)	4	3	25	75	100
22UPSYE66-1		School Counselling					
22UPSYE66-2		Forensic Psychology					
22UNMSD05	IV	Creative and Innovative Skills for Employability: Career Readiness Programme	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**24**			**700**

Paper Replaced:

22UPSYS68	IV	Skill Based Subject – IV: Experiential Learning	2	2	25	75	100

219 - B.Sc. – INTERIOR DESIGN & DECOR

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
		SEMESTER – VI					
22UIDDC61	III	Core Course – X : Graphic Design	5	4	25	75	100
22UIDDC62		Core Course – XI : Visual Merchandizing	5	3	25	75	100
22UIDDC63		Core Course – XII : Kitchen Design	5	4	25	75	100
22UIDDP64		Core Practical – III Draftsmanship - 2	5	4	40	60	100
22UIDDP65		Core Practical – IV: CAD Practical - 2	4	4	40	60	100
22UIDDE66		Internal Elective – IV : Estimation Costing and Specification	4	3	25	75	100
22UNMSD05	IV	Creative and Innovative Skills for Employability: Career Readiness Programme	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**25**			**800**

Paper Replaced:

22UIDDS68	IV	Skill Based Subject – IV : Professional Practice	2	2	25	75	100

ANNAMALAI UNIVERSITY

220. B.Sc. Nutrition, Food Service Management and Dietetics

Programme Structure and Scheme of Examination (under CBCS)
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2022 -2023 ONLY)

Course Code	Part	Study Components & Course Title	Hours /Week	Credit	CIA	ESE	Total
		SEMESTER – VI					
22UNFDC61	III	Core Course – X: Therapeutic Nutrition	5	4	25	75	100
22UNFDC62		Core Course – XI: Food processing and Preservation	5	4	25	75	100
22UNFDC63		Core Course – XII: Food Service Management	5	4	25	75	100
22UNFDP64		Core Practical – III: Dietetics Practical	5	3	40	60	100
22UNFDP65		Core Practical – IV: Therapeutic Nutrition Practical	4	3	40	60	100
		Internal Elective – IV: (Choose any 1 out of 3)					
22UNFDE66-1		Hospital Food Service Administration					
22UNFDE66-2		Nutritional Assessment	4	3	25	75	100
22UNFDE66-3		Basics in Research Methodology					
22UNMSD05	IV	Advanced Technology for Employability in Life science: Food Safety and Quality Management	2	2	25	75	100
22UEXTA67	V	Extension Activities	-	1	100	-	100
		Total	**30**	**24**			**800**

Paper Replaced:

22UNFDS68	IV	Skill Based Subject – IV : Internship	2	2	25	75	100