



(Affiliated Colleges)

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**101 - இளம் இலக்கியவியல் (பி.லிட்.)**

**இரண்டாம் ஆண்டு (மூன்றாம் பருவம்)**

Course Code	Part	Subject	Hrs/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UBLTC31	III	தாள் 9- முதன்மைப் பாடம் :இலக்கியம் 3: அற இலக்கியங்கள்	6	4	25	75	100
22UBLTC32		தாள் 10 - முதன்மைப் பாடம் :இலக்கணம் 5: தொல்காப்பியம் எழுத்ததிகாரம்	7	5	25	75	100
22UBLTC33		தாள் 11 -முதன்மைப் பாடம் :தமிழ் இலக்கிய வரலாறு, பகுதி - 2	7	5	25	75	100
22UBLTA34		தாள் 3 -சார்புப் பாடம் :கல்வெட்டும் கோயிற்கலையும்	6	3	25	75	100
22UNMSD02		IV	Microsoft Office Essentials	2	2	25	75
22UBLTN36	தாள் 1- துறைசாரா விருப்பப் பாடம் 1:பயன்பாட்டுத் தமிழ்-1		2	2	25	75	100
			<b>30</b>	<b>21</b>	<b>150</b>	<b>450</b>	<b>600</b>



**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**102 - B.A. Tamil**

**SEMESTER – III**

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Course – III: Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III: English Through Literature-I	5	3	25	75	100
22UTAMC33	III	Core Course – V: சமய இலக்கியம்	4	3	25	75	100
22UTAMC34		Core Course – VI : யாப்பருங்கலக்காரிகை	4	4	25	75	100
22UTAMA35		Allied Course – III : தமிழிலக்கிய வரலாறு – 1	4	3	25	75	100
22UTAME36		Internal Elective – I : இசைத்தமிழ்	4	4	25	75	100
22UNMSD02	IV	Microsoft Office Essentials	2	2	25	75	100
22UTAMN38		Non-Major Elective – I: ஆட்சித்தமிழ் – 1	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>24</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**103 - B.A English**

<b>SEMESTER – III</b>							
Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Course - III: Tamil-III	5	3	25	75	100
22UENGL32	II	English Course - III: English Through Literature I	5	3	25	75	100
22UENGC33	III	Core Course - V: Symphony of Verse II	4	4	25	75	100
22UENGC34		Core Course - VI: Harmony of Prose II	4	3	25	75	100
22UENGA35		Allied Course – III: History of English Literature-I	4	3	25	75	100
22UENGE36		Internal Elective – I	4	4	25	75	100
22UNMSD02	IV	Microsoft Office Essentials	2	2	25	75	100
22UENGN38	IV	Non-Major Elective – I: Creative Writing	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>24</b>			<b>800</b>



**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**104- B.A History**

<b>SEMESTER - III</b>							
Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Paper-III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Paper -III : English Through Literature – I	5	3	25	75	100
22UHISC33	III	Core Paper –V : History of India from 1526 C.E. to 1858 C.E.	4	4	25	75	100
22UHISC34		Core Paper –VI : History of Tamil Nadu from 1806 C.E. to 1947 C.E.	4	4	25	75	100
22UHISA35		Allied Paper - III	4	3	25	75	100
22UHISE36		Internal Elective -I	4	4	25	75	100
22UNMSD02	IV	Microsoft Office Essentials	2	2	25	75	100
22UHISN38		Non Major Elective – I: Foreign Policy of India	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>25</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**105- B.A Economics**

<b>SEMESTER - III</b>							
<b>Course Code</b>	<b>Part</b>	<b>Study Components &amp; Course Title</b>	<b>Hours/Week</b>	<b>Credit</b>	<b>Maximum Marks</b>		
					<b>CIA</b>	<b>ESE</b>	<b>Total</b>
22UTAML31	I	Language Course – III: Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III: English Through Literature -I	5	3	25	75	100
22UECOC33	III	Core Course – V: Macro Economics- I	4	4	25	75	100
22UECOC34		Core Course – VI: Statistics for Economics	4	4	25	75	100
22UECOA35		Allied III:	4	3	25	75	100
22UECOE36		Internal Elective-I	4	4	25	75	100
22UNMSD02	IV	Microsoft Office Essentials	2	2	25	75	100
22UECON38		Non Major Elective – I: Fundamentals of Economics I	2	2	25	75	100
<b>TOTAL</b>			<b>30</b>	<b>25</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**106-B.A Political Science**

<b>SEMESTER - III</b>							
Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Course - III: Tamil-III	5	3	25	75	100
22UENGL32	II	English Course - III: English Through Literature-I	5	3	25	75	100
22UPOLC33	III	Core Course - V: Western Political Thought	4	4	25	75	100
22UPOLC34		Core Course - VI : Modern Political Systems – I	4	4	25	75	100
22UPOLA35		Allied Course - III : I/II/III	4	3	25	75	100
22UPOLE36		Internal Elective – I : I/II/III	4	4	25	75	100
22UNMSD02	IV	Microsoft Office Essentials	2	2	25	75	100
22UPOLN38		Non-Major Elective – I: Fundamentals of Indian Polity	2	2	25	75	100
Total			30	25			800

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**107- B.A Public Administration**

Course Code	Part	SEMESTER – III			Maximum Marks		
		Study Components & Course Title	Hours/ Week	Credit	CIA	ESE	Total
22UTAML31	I	Language Course - III: Tamil-III	5	3	25	75	100
22UENGL32	II	English Course - III: English Through Literature-I	5	3	25	75	100
22UPUBC33	III	Core Course - V: Administrative Thinkers-II	4	4	25	75	100
22UPUBC34		Core Course - VI : Public Personnel Administration	4	4	25	75	100
22UPUBA35		Allied Course - III	4	3	25	75	100
22UPUBE36		Internal Elective – I	4	4	25	75	100
22UNMSD02	IV	Microsoft Office Essentials	2	2	25	75	100
22UPUBN38		Non-Major Elective – I: Legislative Practice and Procedures	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>25</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**108-B.Com General**

		<b>SEMESTER - III</b>					
Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Course - III: Tamil-III	5	3	25	75	100
22UENGL32	II	English Course - III: English Through Literature - I	5	3	25	75	100
22UCOMC33	III	Core Course IV Corporate Accounting I	4	4	25	75	100
22UCOMC34		Core Course V: Business Communication	3	2	25	75	100
		Core Practical II: Banking Theory and Law	2	-	-	-	-
		Allied Course - III:	3	3	25	75	100
22UCOME36		Internal Elective I:	4	4	25	75	100
22UCOMN37	IV	Non-Major Elective: I:	2	2	25	75	100
22UNMSDO2		Microsoft Office Essentials	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>23</b>			<b>800</b>



**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**109-B.Com -Corporate Secretaryship**

<b>SEMESTER - III</b>							
Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Course - III: Tamil – III	5	3	25	75	100
22UENGL32	II	English Course - III : English through Literature - I	5	3	25	75	100
22UCOSC33	III	Core Course - IV: Corporate Accounting I	4	4	25	75	100
22UCOSC34		Core Course - V : Business Law	4	4	25	75	100
		Core Practical – II : Introduction to Multimedia and DTP	2	-	-	-	-
22UCOSA36		Allied Course - III :	3	3	25	75	100
22UCOSE37		Internal Elective – I :	3	2	25	75	100
22UCOSN38		Non-Major Elective – I: Principles of Management	2	2	25	75	100
22UNMSDO2	IV	Microsoft Office Essentials	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>23</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**110-B.Com- Cooperation**

		<b>SEMESTER - III</b>					
Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Course - III: Tamil – III	5	3	25	75	100
22UENGL32	II	English Course - III: English through Literature - I	5	3	25	75	100
22UCOPC33	III	Core Course - IV: Banking Theory Law and Practice	3	2	25	75	100
22UCOPC34		Core Course - V : Financial Management	4	4	25	75	100
22UCOPC35		Core Practical – II : Computerised Accounting	2	-	-	-	-
22UCOPA36		Allied Course - III :	3	3	25	75	100
22UCOPE37		Internal Elective – I :	4	4	25	75	100
22UCOPN38		IV	Non-Major Elective – I: E-Governance	2	2	25	75
22UNMSDO2	Microsoft Office Essentials		2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>23</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**111- B.Com- Computer Applications**

Course Code	Part	SEMESTER – III			Maximum Marks		
		Study Components & Course Title	Hours/Week	Credit	CIA	ESE	Total
22UTAML31	I	Language Course III: Tamil/Other Languages	5	3	25	75	100
22UENGL32	II	Language Course III: English through Literature I	5	3	25	75	100
22UCOAC33	III	Core Course – IV: Corporate Accounting - I	4	4	25	75	100
22UCOAC34		Core Course –V: Database Management System	4	4	25	75	100
		Core Practical – II :Relational Database Management System	2	-	-	-	-
		Allied Course - III :	3	3	25	75	100
22UCOMA04		1) Banking Theory Law & Practice					
22UCOMA15		2) Cyber Security					
		Internal Elective – I :	3	2	25	75	100
22UCOAE37		1) Business Law					
		2) Principles of Marketing					
	3) Merchant Banking						
22UCOAN38	IV	Non-Major Elective – I: Principles of Management	2	2	25	75	100
22UNMSDO2		Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>23</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**112 - B.Com -Bank Management**

SEMESTER – III							
Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Course - III: Tamil-III	5	3	25	75	100
22UENGL32	II	English Course - III: English Through Literature	5	3	25	75	100
22UBBMC33	III	Core Course IV –Corporate Accounting	4	4	25	75	100
22UBBMC34		Core Course V – Banking Theory, Law and Practice	3	2	25	75	100
		Core Practical – II : Principles and Practices of Banking	2	-	-	-	-
		Allied Course - III	3	3	25	75	100
22UBBME36		Internal Elective – I	4	3	25	75	100
22UBBMN37		IV	Non-Major Elective – I: Modern Banking	2	2	25	75
22UNMSDO2	Microsoft Office Essentials		2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>22</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**113 - B.Com- Finance and Management**

		<b>SEMESTER – III</b>					
Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Course III: Tamil -III	5	3	25	75	100
22UENGL32	II	Language Course III: English through Literature I	5	3	25	75	100
22UFIAC33	III	Core Course - IV : Corporate Accounting - I	4	4	25	75	100
22UFIAC34		Core Course – V : Financial Markets and Services	4	4	25	75	100
		Core Practical – II : Introduction to Multimedia and DTP	2	-	-	-	-
		Allied Course - III :	3	3	25	75	100
22UFIAE37		Internal Elective – I :	3	2	25	75	100
22UFIAN38		IV	Non-Major Elective – I: Principles of Management	2	2	25	75
22UNMSDO2	Microsoft Office Essentials		2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>23</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**114- B.S.W**

<b>SEMESTER- III</b>							
Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Course - III: Tamil-III	5	3	25	75	100
22UENGL32	II	English Course - III: English Through Literature-I	5	3	25	75	100
22UBSWC33	III	Core Course - IV: Social Work with Communities and Social Action	5	4	25	75	100
22UBSWC34		Core Course -V: Social Welfare Administration	4	3	25	75	100
		Core Practical - II : Concurrent Field Work - II	1	-	-	-	-
22UBSWA36		Allied Course - III	3	3	25	75	100
22UBSWE37		Internal Elective – I	3	3	25	75	100
22UBSWN38	IV	Non Major Elective I: Human Behaviour	2	2	25	75	100
22UNMSDO2		Microsoft Office Essentials	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>23</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**115-B.B.A**

**SEMESTER – III**

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
22UTAML31	I	Language Course -III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course -III : English Through Literature-I	5	3	25	75	100
22UBBAC33	III	Core Course - IV : Business Mathematics & Statistics - II	4	4	25	75	100
22UBBAC34		Core Course V - Organisational Behavior	5	5	25	75	100
		Core Practical – II : MS Office-1	3	-	-	-	-
22UBBAA35		Allied Course - III :	4	4	25	75	100
22UNMSDO2	IV	Microsoft Office Essentials	2	2	25	75	100
22UBBAN37		Non-Major Elective – I: Management Concepts	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>23</b>			<b>700</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**116- B.A. DEFENCE AND STRATEGIC STUDIES**

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
					22UTAML31	I	Language Course - III: Tamil-III
22UENGL32	II	English Course - III: English Through Literature-I	5	3	25	75	100
22UDASC33	III	Core Course - V: Art of Warfare in India – II	4	3	25	75	100
22UDASC34		Core Course - VI : World Military History – II	4	4	25	75	100
22UDASA35		Allied Course - III : General Economics – I	4	4	25	75	100
22UDASE36		Internal Elective – I :	4	4	25	75	100
22UNMSD02	IV	Microsoft Office Essentials	2	2	25	75	100
22UDASN38		Non-Major Elective – I: Fundamentals of Defence and Strategic Studies	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>25</b>			<b>800</b>



Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023

**201- B.Sc MATHEMATICS**

**SEMESTER – III**

Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course – III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III : English Through Literature-I	5	3	25	75	100
22UMATC33	III	Core Course – V : Abstract Algebra	6	4	25	75	100
22UMATA35		Allied - II : Paper -1 (Choose any 1 out of 2)	7	3	25	75	100
		Mathematical Statistics-I (or)					
		Principles of Accountancy – I					
22UMATE36		Internal Elective – II :	3	3	25	75	100
22UMATN37	IV	Non-Major Elective – I : Basic Mathematics – I	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>20</b>			<b>700</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**202-B.Sc STATISTICS**

**SEMESTER – III**

Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course – III: Tamil - III	5	3	25	75	100
22UENGL32	II	English Course – III: English through literatures-I	5	3	25	75	100
22USTAC33	III	Core Course – IV: Distribution Theory II	4	4	25	75	100
22USTAP34		Core Practical – II: Statistical Practical – II	3	-	-	-	-
22USTAA03		Allied Course - III: Paper - 1	4	3	25	75	100
		Numerical Methods					
		Allied Course – II: Allied Practical – 1 Numerical Methods & Programming in C	2	-	-	-	-
22USTAE37		Internal Elective – II:	3	3	25	75	100
	IV	Non-Major Elective – I:	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>20</b>			<b>700</b>

Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023

**203-B.Sc PHYSICS**

**SEMESTER – III**

Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course – III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III : English Through Literature-I	5	3	25	75	100
22UPHYC33	III	Core Course – IV : Optics and Spectroscopy	4	4	25	75	100
		Core Practical – II : Practical - II	3	-	-	-	-
22UCHEA01		Allied Course - II : Paper - 1, Allied Chemistry - I	4	3	25	75	100
		Allied Course – II : Allied Chemistry Practical - 1	3	-	-	-	-
22UPHYE37		Internal Elective – II : (1 or 2 or 3)	2	3	25	75	100
		Mobile Cellular Technology					
		Laser Physics					
		Weather Forecasting					
22UPHYN38	IV	Non-Major Elective – I :	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>20</b>			<b>700</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**204-B.Sc CHEMISTRY**

**SEMESTER – III**

Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course – III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III : English Through Literature-I	5	3	25	75	100
22UCHEC33	III	Core Course – IV :General Chemistry-IV	4	4	25	75	100
		Core Practical – II :Inorganic Qualitative Analysis	3	-	-	-	-
22UMATA01/		Allied - II: Paper – 1: Mathematics-I/ Physics-I/ Botany-I/ Zoology-I/ Biochemistry-I	3	3	25	75	100
22UPHYA01/							
22UBOTA01/							
22UZOOA01							
		Allied Practical – II :	3	-	-	-	-
22UCHEE36		Internal Elective – II	3	3	25	75	100
		Non-Major Elective – I :	2	2	25	75	100
22UNMSD02	IV	Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>20</b>			<b>700</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**205- B.Sc INDUSTRIAL CHEMISTRY**

<b>SEMESTER – III</b>							
<b>Course Code</b>	<b>Part</b>	<b>Study Components &amp; Course Title</b>	<b>Hours/</b>	<b>Credit</b>	<b>Maximum Marks</b>		
			<b>Week</b>		<b>CIA</b>	<b>ESE</b>	<b>Total</b>
22UTAML31	I	Language Course – III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III : English Through Literature-I	5	3	25	75	100
22UICHC33	III	Core Course – IV :General Chemistry-IV	4	4	25	75	100
22UICHP34		Core Practical – II :Inorganic Qualitative Analysis	3	-	-	-	-
22UICHA03		Allied - II : Paper -1- Industrial Chemistry-III	3	3	25	75	100
		Allied Practical – II : - Industrial Chemistry Practicals-II	3	-	-	-	-
22UICHE36		Internal Elective – I	3	3	25	75	100
		Non-Major Elective – I :	2	2	25	75	100
22UNMSD02	IV	Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>20</b>			<b>700</b>

Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023

**SEMESTER – III**

**206- B.Sc BOTANY**

Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course-III: Tamil-III	5	3	25	75	100
22UENGL32	II	English Course –III: English Through Literature-I	5	3	25	75	100
22UBOTC33	III	Core course IV: Pteridology, Gymnosperms &	4	4	25	75	100
22UBOTP34		Core Practical II:	3	-	-	-	-
22UCHEA01		Allied –II : Paper I: Chemistry-I	4	4	25	75	100
		Allied Practical II: Chemistry	2	-	-	-	-
22UBOTE36		Internal Elective II	3	3	25	75	100
		Non-Major Elective I	2	2	25	75	100
22UNMSD02	IV	Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>21</b>			<b>700</b>

Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023

**207- B.Sc ENVIRONMENTAL MANAGEMENT**

**SEMESTER – III**

Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course - III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course - III : English Through Literature-I	5	3	25	75	100
22UEVMC33	III	Core Course - IV : Natural Resources Management	4	4	25	75	100
22UEVMP34		Core Practical - II : Natural Resources	3	-	-	-	-
22UEVMA03		Allied - II : Paper -1 Environmental Chemistry	4	4	25	75	100
		Allied Practical - II : Environmental Toxins	2	-	-	-	-
22UEVME36		Internal Elective -II :	3	3	25	75	100
22UEVMN37	IV	Non-Major Elective - I :	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>21</b>			<b>700</b>

Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023

**208- B.Sc ZOOLOGY**

**SEMESTER – III**

Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course – III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III : English Through Literature-I	5	3	25	75	100
22UZOOC33	III	Core Course – IV :Cell & Molecular Biology	4	4	25	75	100
22UZOOP34		Core Practical – II : Cell & Molecular Biology &Genetics	3	-	-	-	-
22UCHEA01		Allied - II : Paper -1 Chemistry I / Botany I	4	3	25	75	100
		Allied Practical – II : Chemistry / Botany Practicals	2	-	-	-	-
22UZOOE36		Internal Elective – II : Select one out of three	3	3	25	75	100
22UZOON37	IV	Non-Major Elective – I : Economic Zoology	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>20</b>			<b>700</b>



**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**209- B.Sc GEOLOGY**

<b>SEMESTER – III</b>							
<b>Course Code</b>	<b>Part</b>	<b>Study Components &amp; Course Title</b>	<b>Hours/</b>	<b>Credit</b>	<b>Maximum Marks</b>		
			<b>Week</b>		<b>CIA</b>	<b>ESE</b>	<b>Total</b>
22UTAML31	I	Language Course – III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III : English Through Literature-I	5	3	25	75	100
22UGEOC33	III	Core Course – IV : Crystallography	4	4	25	75	100
22UGEOP34		Core Practical – II : Crystallography	3	-	-	-	-
22UPHYA01		Allied - II : Physics - I	4	4	25	75	100
		Allied Practical – II :	2	-	-	-	-
22UGEOE36		Internal Elective – II :	3	3	25	75	100
22UGEON37	IV	Non-Major Elective – I : Natural Resources	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>21</b>			<b>700</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**210- B.Sc BIOCHEMISTRY**

<b>SEMESTER - III</b>							
Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course – III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III: English Through Literature-I	5	3	25	75	100
22UBIOC33	III	Biochemical Techniques - I	4	4	25	75	100
		Core Practical – II	3	-	-	-	-
22UMICA01		Allied - II : Allied Microbiology I	4	4	25	75	100
		Allied Practical – II - Microbiology	2	-	-	-	-
22UBIOE36		Internal Elective - II	3	3	25	75	100
22UBION37	IV	Non-Major Elective – I	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>21</b>			<b>700</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**211 -B.Sc BIOTECHNOLOGY**

<b>SEMESTER – III</b>							
Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course – III : Tamil – III	5	3	25	75	100
22UENGL32	II	English Course – III : English Through Literature-I	5	3	25	75	100
22UBTHC33	III	Core Course – IV : Microbiology	4	4	25	75	100
22UBTHC34		Core Practical – II : Microbiology & Molecular Biology	3	-	-	-	-
22UBTHA03		Allied – III : Paper – 3 : Biostatistics	4	4	25	75	100
		Allied Practical – II : Biostatistics & Bioinformatics	2	-	-	-	-
22UBTHE36		Internal Elective – II : <b>(Select 1 out of 3)</b>	3	3	25	75	100
		a) Marine Biotechnology					
		b) Stem cell Technology					
	c) Molecular Diagnostics						
22UBTHN37	IV	Non-Major Elective – I :	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>21</b>			<b>700</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**212- B.Sc MICROBIOLOGY**

<b>SEMESTER – III</b>							
<b>Course Code</b>	<b>Part</b>	<b>Study Components &amp; Course Title</b>	<b>Hours/</b>	<b>Credit</b>	<b>Maximum Marks</b>		
			<b>Week</b>		<b>CIA</b>	<b>ESE</b>	<b>Total</b>
22UTAML31	I	Language Course – III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III : English Through Literature-I	5	3	25	75	100
22UMICC33	III	Core Course – IV :Immunology	4	4	25	75	100
22UMICP34		Core Practical – II : Immunology and Microbial Genetics	3	-	-	-	-
22UMICA03		Allied - II : Paper -1 Entomology	4	3	25	75	100
		Allied Practical – II : Allied Entomology and Genetics Practical	2	-	-	-	-
22UMICE36		Internal Elective – II :	3	3	25	75	100
22UMICN37	IV	Non-Major Elective – I :	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>20</b>			<b>700</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

<b>SEMESTER – III</b>							
Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course - III : Tamil -III	5	3	25	75	100
22UENGL32	II	English Course - III : English Through Literature-I	5	3	25	75	100
22UBCAC33	III	Core Course - IV :Java Programming	4	4	25	75	100
22UBCAP34		Core Practical – III :Java Programming Lab	4	2	40	60	100
22UCOMA19		Allied Course - II : Paper - 1:	4	4	25	75	100
		Financial Accounting I					
22UBCAE35		Internal Elective – II :	4	3	25	75	100
		1. Management Information Systems					
		2. E-Commerce					
	3. Design & Analysis of Algorithms						
22UNMSD02	IV	Fundamentals of coding and Cloud	2	2	25	75	100
		Non-Major Elective – I : Office Automation	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>23</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**214- B.Sc COMPUTER SCIENCE**

<b>SEMESTER – III</b>							
Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course - II : Tamil – III	5	3	25	75	100
22UENGL32	II	English Course - II English Through Literature-I	5	3	25	75	100
22UCSCC33	III	Core Course – IV : Programming in Java	4	4	25	75	100
22UCSCP34		Core Practical – III : Programming in Java Lab	2	2	40	60	100
		Allied Course - II : Physics –I (or)	4	3	25	75	100
		Statistics-I					
		Allied Practical-I Physics – I / Statistics –I	2	-	-	-	-
22UCSCE36		Internal Elective – II :	4	3	25	75	100
		1. Electronic Commerce					
	2. Computer Graphics						
	3. Web Services						
	IV	Non-Major Elective – I : (To be chosen from other Departments)	2	2	25	75	100
22UNMSD02		Fundamentals of Coding and Cloud	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>22</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**215- B.Sc INFORMATION TECHNOLOGY**

<b>SEMESTER – III</b>							
<b>Course Code</b>	<b>Part</b>	<b>Study Components &amp; Course Title</b>	<b>Hours/ Week</b>	<b>Credit</b>	<b>Maximum Marks</b>		
					<b>CIA</b>	<b>ESE</b>	<b>Total</b>
22UTAML31	I	Language Course - II : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course - II : English Through Literature-I	5	3	25	75	100
22UINTC33	III	Core Course – IV : Java Programming	4	4	25	75	100
22UINTP34		Core Practical – III : Java Programming Lab	2	2	40	60	100
22UPHYA01/ 22USTAA01		Allied Course - II : Paper - 1: Physics I/Statistics I	4	3	25	75	100
		Allied Practical-I :Physics – I / Statistics –I	2	-	-	-	-
22UINTE36		Internal Elective – II : 1. Electronic Commerce 2. Computer Graphics 3. Web Services	4	3	25	75	100
22UINTN37	IV	Non-Major Elective – I : Fundamentals of computers	2	2	25	75	100
22UNMSD02		Fundamentals of Coding and Cloud	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>22</b>			<b>800</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**217- B.Sc VISUAL COMMUNICATIONS**

<b>SEMESTER – III</b>							
<b>Course Code</b>	<b>Part</b>	<b>Study Components &amp; Course Title</b>	<b>Hours/</b>	<b>Credit</b>	<b>Maximum Marks</b>		
			<b>Week</b>		<b>CIA</b>	<b>ESE</b>	<b>Total</b>
22UTAML31	I	Language Course – III : Tamil-III	5	3	25	75	100
22UENGL32	II	English Course – III: English Through Literature-I	5	3	25	75	100
22UVSCC33	III	Core Course – IV: Writing for Media	5	4	25	75	100
22UVSCA03		Allied - II : Paper -1: Media laws and Ethics	5	4	25	75	100
22UVSCP03		Allied Practical – II: Script writing - Practical	3	2	40	60	100
22UVSCE36		Internal Elective – II:	3	3	25	75	100
22UVSCN37	IV	Non-Major Elective – I: Basics of Photography	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>23</b>			<b>800</b>



**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**218 - B.Sc Psychology**

<b>SEMESTER – III</b>							
Course Code	Part	Study Components & Course Title	Hours/	Credit	Maximum Marks		
			Week		CIA	ESE	Total
22UTAML31	I	Language Course – III : Tamil -III	5	3	25	75	100
22UENGL32	II	English Course – III : English Through Literature-I	5	3	25	75	100
22UPSYC33	III	Core Course – VI : Cognitive Psychology-I	5	4	25	75	100
22UPSYP34		Core Practical – I : Experimental Psychology I	3	-	-	-	-
22UPSUA03		Allied - II : Paper -1 Biopsychology II	5	3	25	75	100
22UPSUE36		Internal Elective – II : Guidance and Counselling	3	3	25	75	100
		Rehabilitation Psychology					
22UPSUN37	IV	Non-Major Elective – I : Stress Management	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>20</b>			<b>700</b>



**ANNAMALAI UNIVERSITY**

(Affiliated Colleges)

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**219 - B.Sc. – INTERIOR DESIGN & DECOR**

<b>SEMESTER – III</b>							
<b>Course Code</b>	<b>Part</b>	<b>Study Components &amp; Course Title</b>	<b>Hours/ Week</b>	<b>Credit</b>	<b>Maximum Marks</b>		
					<b>CIA</b>	<b>ESE</b>	<b>Total</b>
22UTAML31	I	Language Course – III : Tamil – III	5	3	25	75	100
22UENGL32	II	English Course – III English Through Literature-I	5	3	25	75	100
22UIDDC33	III	Core Course – IV : Applied Art on Textiles	4	4	25	75	100
22UIDDP34		Core Practical – II : Applied Art on Textiles Practical - 1	3	-	-	-	-
022UIDDA03		Allied - II : Paper - 1 : Furniture design	4	4	25	75	100
		Allied Practical – II : Furniture Design Practical 1	2	-	-	-	-
22UIDDE36		Internal Elective – II : Building Finishes	3	3	25	75	100
22UIDDN37	IV	Non-Major Elective – I : Basics of soft furnishings	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>21</b>			<b>700</b>

**Programme Structure after incorporating Naan Mudhalvan upskilling courses in semester III for students admitted in the academic year 2022-2023**

**220. B.Sc. NUTRITION, FOOD SERVICE MANAGEMENT AND DIETETICS**

<b>SEMESTER – III</b>							
<b>Course Code</b>	<b>Part</b>	<b>Study Components &amp; Course Title</b>	<b>Hours/ Week</b>	<b>Credit</b>	<b>Maximum Marks</b>		
					<b>CIA</b>	<b>ESE</b>	<b>Total</b>
22UTAML31	I	Language Course – III : Tamil – III	5	3	25	75	100
22UENGL32	II	English Course – III : English Through Literature-I	5	3	25	75	100
22UNFDC33	III	Core Course – IV :Nutritional through Lifecycle	4	4	25	75	100
22UNFDP34		Core Practical – II : Human Nutrition Practical	3	-	-	-	-
22UNEEA03		Allied - II : Paper - 1:Extension Education	4	4	25	75	100
		Allied Practical – II : Food Product Development Practical	2	-	-	-	-
22UNFDE36		Internal Elective – II :	3	3	25	75	100
22UNFDN37	IV	Non-Major Elective – I :	2	2	25	75	100
22UNMSD02		Microsoft Office Essentials	2	2	25	75	100
		<b>Total</b>	<b>30</b>	<b>21</b>			<b>700</b>