

**Annai Hajira Women's College**

**Melapalayam, Tirunelveli - 05**

**(A Unit of As-Sathiq Educational Society)**

**(Affiliated to Manonmaniam Sundaranar University)**

## **Criterion 1**

### **Curricular Aspects**

#### **1.3 CURRICULUM ENRICHMENT**

**1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum**

**Curricular Programmes**

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**Additional Information**

**2018 - 2023**

	III	28	Core – Paper VI	Physical Chemistry - II	5	5	0	4
	III	29	Major Practical IV	Inorganic Preparation and Physical Constant Determination	2	0	2	1
	III	30	Allied - II	Allied Chemistry - II	3	3	0	3
	III	31	Allied Practical II	Allied Chemistry Practical-II	2	0	2	1
	IV	32	Skilled Based II Core	Chemistry in medicine / Industrial Chemistry	4	4	0	4
	IV	33	Non-Major Elective - II	Dairy Chemistry / Applied Chemistry	2	2	0	2
	IV	34	Common	Computers for Digital Era	2	2	0	2
	V	35	Extension Activity	NCC/NSS/YRC/YWF	-	-	-	1
				<b>Subtotal</b>	<b>30+2</b>	<b>26+2</b>	<b>4</b>	<b>26</b>
V	III	36	Core – Paper VII	Organic Chemistry - III	6	6	0	4
	III	37	Core – Paper VIII	Physical Chemistry - III	6	6	0	4
	III	38	Major Elective-I	Polymer Chemistry / Bio Inorganic Chemistry	4	4	0	4
	III	39	Major Elective-II	Analytical Chemistry / Pharmaceutical Chemistry	4	4	0	4
	III	40	Major Practical V	Organic Analysis	8	0	8	4
	III	41	Major Practical VI	Physical Chemistry Experiments				
	IV	42	Skill Based Common	Personality Development / Effective Communication / Youth Leadership	2	2	0	2
				<b>Subtotal</b>	<b>30</b>	<b>22</b>	<b>08</b>	<b>22</b>
VI	III	43	Core Paper IX	Inorganic Chemistry – III	5	5	0	4
	III	44	Core Paper X	Organic Chemistry - IV	5	5	0	4
	III	45	Core Paper XI	Physical Chemistry – IV	5	5	0	4
	III	46	Major Elective-III	Green Chemistry / Nano Chemistry	4	4	0	4
	III	44	Major Practical VII	Gravimetric Estimation & Organic Preparation	4	0	4	2
	III	47	Major Project	Major Project	07		07	7
				<b>Subtotal</b>	<b>30</b>	<b>19</b>	<b>11</b>	<b>25</b>
				<b>Grand Total</b>	<b>180+4</b>	<b>143</b>	<b>37</b>	<b>144</b>

#### 4. Scheme of the Course

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVEI**  
**UG – COURSES – AFFILIATED COLLEGES**  
**B.Sc. Chemistry**  
**(Choice Based Credit System)**  
**(with effect from the academic year 2020-21 onwards)**

SEM	Part	Sub. No	SUBJECT STATUS	SUBJECT TITLE	Contact hrs/wk	L Hrs /wk	P Hrs /wk	Credits
III	I	17	Language	Tamil/Other Languages	6	6	0	4
	II	18	Language	English	6	6	0	4
	III	19	Core – Paper V	Organic Chemistry – I	4	4	0	4
	III	20	Major Practical III	Inorganic Qualitative Analysis	2	0	2	2
	III	21	Allied – II	Allied Chemistry – I	4	4	0	3
	III	22	Allied Practical II	Allied Chemistry Practical- I	2	0	2	2
	III	23	Skilled Based-I Core	Agro Chemistry/Food Chemistry	4	4	0	4
IV	IV	24	Non-Major Elective - I	Food Science /Water Management	2	2	0	2
	IV	25	Common	Yoga	2	2	0	2
			<b>SUBTOTAL</b>		<b>30+2</b>	<b>26+2</b>	<b>4</b>	<b>27</b>
IV	I	26	Language	Tamil/Other Languages	6	6	0	4
	II	27	Language	English	6	6	0	4
	III	28	Core – Paper VI	Organic Chemistry – II	4	4	0	4
	III	29	Major Practical IV	Organic Preparation & Physical Constant Determination	2	0	2	2
	III	30	Allied – II	Allied Chemistry – II	4	4	0	3
	III	31	Allied Practical II	Allied Chemistry Practical- II	2	0	2	2
	III	32	<b>Skilled Based II Core</b>	<b>Chemistry in medicine / Industrial Chemistry</b>	4	4	0	4
	IV	33	Non-Major Elective – II	Dairy Chemistry / Applied Chemistry	2	2	0	2
	IV	34	Common	Computers for Digital Era	2	2	0	2
	V	35	Extension Activity	NCC/NSS/YRC/YWF	-	-	-	1
			<b>SUBTOTAL</b>		<b>30+2</b>	<b>26+2</b>	<b>4</b>	<b>28</b>

#### 4. Scheme of the Course

Semester	Part	Sub No	Subject Status	Subject Title	Contact Hrs/wk	L Hrs/wk	P Hrs/wk	Credits
I	I	1	Language	Tamil/Other Languages	6	6	0	4
	II	2	Language	English	6	6	0	4
	III	3	Core – Paper I	Inorganic Chemistry - I	4	4	0	4
	III	4	Core – Paper II	Physical Chemistry - I	5	5	0	4
	III	5	Major Practical I	Volumetric Analysis - I	2	0	2	1
	III	6	Allied I Paper – I	Allied Chemistry - I	3	3	0	3
	III	7	Allied Practical-I	Allied Chemistry Practical- I	2	0	2	1
	IV	8	Common	Environmental Studies	2	2	0	2
				<b>Subtotal</b>	<b>30</b>	<b>26</b>	<b>4</b>	<b>23</b>
II	I	9	Language	Tamil/Other Languages	6	6	0	4
	II	10	Language	English	6	6	0	4
	III	11	Core – Paper III	Inorganic Chemistry - II	4	4	0	4
	III	12	Core – Paper IV	Organic Chemistry - I	5	5	0	4
	III	13	Major Practical II	Volumetric Analysis - II	2	0	2	1
	III	14	Allied I Paper – II	Allied Chemistry - II	3	3	0	3
	III	15	Allied Practical-II	Allied Chemistry Practical- II	2	0	2	1
	IV	16	Common	Social Value Education	2	2	0	2
				<b>Subtotal</b>	<b>30</b>	<b>26</b>	<b>4</b>	<b>23</b>
III	I	17	Language	Tamil/Other Languages	6	6	0	4
	II	18	Language	English	6	6	0	4
	III	19	Core – Paper V	Organic Chemistry - II	5	5	0	4
	III	20	Major Practical III	Inorganic Qualitative Analysis	2	0	2	1
	III	21	Allied - II	Allied Chemistry - I	3	3	0	3
	III	22	Allied Practical II	Allied Chemistry Practical- I	2	0	2	1
	III	23	Skilled Based-I Core	Agro Chemistry/Food Chemistry	4	4	0	4
		IV	24	Non-Major Elective -I	Food Science /Water Management	2	2	0
IV		25	Common	Yoga	2	2	0	2
				<b>Subtotal</b>	<b>30+2</b>	<b>26+2</b>	<b>4</b>	<b>25</b>
IV	I	26	Language	Tamil/Other Languages	6	6	0	4
	II	27	Language	English	6	6	0	4

#### 4. Scheme of the Course

Semester	Part	Sub No	Subject Status	Subject Title	Contact Hrs/wk	L Hrs/wk	P Hrs/wk	Credits
I	I	1	Language	Tamil/Other Languages	6	6	0	4
	II	2	Language	English	6	6	0	4
	III	3	Core – Paper I	Inorganic Chemistry - I	4	4	0	4
	III	4	Core – Paper II	Physical Chemistry - I	5	5	0	4
	III	5	Major Practical I	Volumetric Analysis - I	2	0	2	1
	III	6	Allied I Paper – I	Allied Chemistry - I	3	3	0	3
	III	7	Allied Practical-I	Allied Chemistry Practical- I	2	0	2	1
	IV	8	Common	Environmental Studies	2	2	0	2
			<b>Subtotal</b>	<b>30</b>	<b>26</b>	<b>4</b>	<b>23</b>	
II	I	9	Language	Tamil/Other Languages	6	6	0	4
	II	10	Language	English	6	6	0	4
	III	11	Core – Paper III	Inorganic Chemistry - II	4	4	0	4
	III	12	Core – Paper IV	Organic Chemistry - I	5	5	0	4
	III	13	Major Practical II	Volumetric Analysis - II	2	0	2	1
	III	14	Allied I Paper – II	Allied Chemistry - II	3	3	0	3
	III	15	Allied Practical-II	Allied Chemistry Practical- II	2	0	2	1
	IV	16	Common	Social Value Education	2	2	0	2
			<b>Subtotal</b>	<b>30</b>	<b>26</b>	<b>4</b>	<b>23</b>	
III	I	17	Language	Tamil/Other Languages	6	6	0	4
	II	18	Language	English	6	6	0	4
	III	19	Core – Paper V	Organic Chemistry - II	5	5	0	4
	III	20	Major Practical III	Inorganic Qualitative Analysis	2	0	2	1
	III	21	Allied - II	Allied Chemistry - I	3	3	0	3
	III	22	Allied Practical II	Allied Chemistry Practical- I	2	0	2	1
	III	23	<b>Skilled Based-I Core</b>	<b>Agro Chemistry/Food Chemistry</b>	4	4	0	4
	IV	24	Non-Major Elective -I	Food Science /Water Management	2	2	0	2
	IV	25	Common	Yoga	2	2	0	2
			<b>Subtotal</b>	<b>30+2</b>	<b>26+2</b>	<b>4</b>	<b>25</b>	
IV	I	26	Language	Tamil/Other Languages	6	6	0	4
	II	27	Language	English	6	6	0	4

#### 4. Scheme of the Course

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVEI**  
**UG – COURSES – AFFILIATED COLLEGES**  
**B.Sc. Chemistry**  
**(Choice Based Credit System)**  
**(with effect from the academic year 2020-21 onwards)**

SEM	Part	Sub. No	SUBJECT STATUS	SUBJECT TITLE	Contact hrs/wk	L Hrs /wk	P Hrs /wk	Credits
III	I	17	Language	Tamil/Other Languages	6	6	0	4
	II	18	Language	English	6	6	0	4
	III	19	Core – Paper V	Organic Chemistry – I	4	4	0	4
	III	20	Major Practical III	Inorganic Qualitative Analysis	2	0	2	2
	III	21	Allied – II	Allied Chemistry – I	4	4	0	3
	III	22	Allied Practical II	Allied Chemistry Practical- I	2	0	2	2
	III	23	Skilled Based-I Core	Agro Chemistry/Food Chemistry	4	4	0	4
IV	IV	24	Non-Major Elective - I	Food Science /Water Management	2	2	0	2
	IV	25	Common	Yoga	2	2	0	2
			<b>SUBTOTAL</b>		<b>30+2</b>	<b>26+2</b>	<b>4</b>	<b>27</b>
IV	I	26	Language	Tamil/Other Languages	6	6	0	4
	II	27	Language	English	6	6	0	4
	III	28	Core – Paper VI	Organic Chemistry – II	4	4	0	4
	III	29	Major Practical IV	Organic Preparation & Physical Constant Determination	2	0	2	2
	III	30	Allied – II	Allied Chemistry – II	4	4	0	3
	III	31	Allied Practical II	Allied Chemistry Practical- II	2	0	2	2
	III	32	Skilled Based II Core	Chemistry in medicine / Industrial Chemistry	4	4	0	4
	IV	33	Non-Major Elective – II	Dairy Chemistry / Applied Chemistry	2	2	0	2
	IV	34	Common	Computers for Digital Era	2	2	0	2
	V	35	Extension Activity	NCC/NSS/YRC/YWF	-	-	-	1
		<b>SUBTOTAL</b>		<b>30+2</b>	<b>26+2</b>	<b>4</b>	<b>28</b>	

III	I	17	Language	Tamil/Other Languages	6	6	0	4
	II	18	Language	English	6	6	0	4
	III	19	Core V	Physical Chemistry – I	4	4	0	4
	III	20	Major Practical III	Organic Preparation & Inorganic Qualitative Analysis - I	2	0	2	2
	III	21	Allied Course II	Allied Chemistry – I	4	4	0	3
	III	22	Allied Practical II	Allied Chemistry Practical- I	2	0	2	2
	III	23	Skilled Based Course I	Green Chemistry/Food Chemistry	4	4	0	4
	IV	24	Non-Major Elective I	Food Science /Water Management	2	2	0	2
	IV	25	Common	Yoga	2	2	0	2
			<b>SUBTOTAL</b>	<b>30+2</b>	<b>26+2</b>	<b>4</b>	<b>27</b>	
IV	I	26	Language	Tamil/Other Languages	6	6	0	4
	II	27	Language	English	6	6	0	4
	III	28	Core VI	Inorganic Chemistry – II	4	4	0	4
	III	29	Major Practical IV	Inorganic Qualitative Analysis – II	2	0	2	2
	III	30	Allied Course II	Allied Chemistry – II	4	4	0	3
	III	31	Allied Practical II	Allied Chemistry Practical- II	2	0	2	2
	IV	32	Skilled Based Course II	Pharmaceutical chemistry/ Industrial Chemistry	4	4	0	4
IV	33	Non-Major Elective II	Dairy Chemistry / Chemistry in Everyday life	2	2	0	2	
IV	34	Common	Computers for Digital Era	2	2	0	2	
V	35	Extension Activity	NCC/NSS/YRC/YWF	-	-	-	1	
			<b>SUBTOTAL</b>	<b>30+2</b>	<b>26+2</b>	<b>4</b>	<b>28</b>	
III	36	Core VII	Organic Chemistry – II	6	6	0	4	

VI	I	41	Core - 9	Digital Electronics	6	4	25	75	100	30	40
	II	42	Core - 10	Atomic And Nuclear Physics	6	4	25	75	100	30	40
	III	43	Core - 11	Quantum Mechanics	5	4	25	75	100	30	40
		44	Elective - 3 (select any one)	A.) Medical Physics B.) Energy Physics	5	5	25	75	100	30	40
		45	Practical - 5	Non Electronics	3	4	50	50	100	20	40
		46	Practical - 6	Electronics	3	4	50	50	100	20	40
		47	Practical - 7	Computer Programming with C ++	2	4	50	50	100	20	40
				Subtotal	30	29					

<b>Semester VI</b>	<b>Part III</b>	<b>Core subjects</b>								
		12. Digital Electronics	5	4	3	25	75	100	30	40
		13. Quantum Mechanics	5	4	3	25	75	100	30	40
		14. Nuclear Physics	4	4	3	25	75	100	30	40
		15 Solid state Physics	4	4	3	25	75	100	30	40
		16. Major Elective (any one) a. Medical Physics b. Energy Physics	4	4	3	25	75	100	30	40
		Practical-VII-	4	2	3	50	50	100	20	40
Practical-VIII- Computer Programming with C++	4	2	3	50	50	100	20	40		
		<b>Total</b>	<b>30</b>	<b>24</b>						

**Total credits-141** (including extension activity)

- To be conducted outside class hour
- Credits not included

	Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
						Int	Ext	Total
<b>Semester – V</b>	Part III	<u>Core subject</u> 5.Basic Electronics	6	4	3	25	75	100
		6. Spectroscopy	5	4	3	25	75	100
		7.Atomic and Nuclear Physics	6	4	3	25	75	100
		<u>Major Elective</u> (any one) a.Programming in C++ b.Communication Electronics	5	4	3	25	75	100
		Practical – V - General Practical	3	3	3	50	50	100
		Practical-VI Electronics	3	3	3	50	50	100
	Part IV	<u>Skill based subject</u> (Common) Personality development / Effective Communication / Youth Leadership	2	2	3	25	75	100
		Total	30	24				
<b>Semester – VI</b>		<u>Core Subject</u> 9. Quantum Mechanics	5	4	3	25	75	100
		10. Digital Electronics	5	4	3	25	75	100
		11. Solid State Physics	5	4	3	25	75	100
		<u>Major Elective</u> (any one) a.Energy Physics b.Medical Physics	5	4	3	25	75	100
		Project	4	4	3	50	50	100
		Practical-VII General Practical	3	3	3	50	50	100
		Practical-VIII Electronics	3	3	3	50	50	100
		Total	30	26				

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES  
B.Sc. Physics  
(Choice Based Credit System with effect from 2020 - 2021)**

(With effect from the academic year 2020-2021)

	Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
						Int	Ext	Total
<b>Semester - III</b>	Part I	Tamil / Other Languages	6	4	3	25	75	100
	Part II	English	6	4	3	25	75	100
	Part III	<u>Core subject</u> 3. Electricity	4	4	3	25	75	100
		Practical-III	2	2	3	50	50	100
		<u>Allied Subject-I</u> (for allied subjects With theory and practical) 1.Theory-Paper-I	4	3	3	25	75	100
		2.Practical-1	2	2	3	50	50	100
		<u>Skill based subject</u> (Any one) a. Maintenance of Electrical appliances <b>b. Instrumentation</b> <b>Physics - I</b>	4	4	3	25	75	100
		Part IV	<u>Non – Major Elective</u> (Any one) a. Basic Physics – I b. Applied Physics	2	2	3	25	75
		Common-Yoga*	2	2				
		<b>Total</b>	32	27				

**Semester – III**

Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
					Int	Ext	Total
Part I	Tamil / Other Languages	6	4	3	25	75	100
Part II	English	6	4	3	25	75	100
Part III	<u>Core subject</u> 3. Electricity & Electromagnetism	4	4	3	25	75	100
	Practical-III	2	2	3	50	50	100
	<u>Allied Subject-I</u> (for allied subjects With theory and practical) 1.Theory-Paper-I	4	3	3	25	75	100
	2.Practical-1	2	2	3	50	50	100
	<u>Skill based subject</u> (Any one) a. Maintenance of Electrical appliances <u>b. Instrumentation</u> <u>Physics – I</u>	4	4	3	25	75	100
	<u>Non – Major Elective</u> (Any one) a. Basic Physics – I b. Applied Physics	2	2	3	25	75	100
	Common-Yoga*	2	2				
	Total	32	27				

	Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
						Int	Ext	Total
<b>Semester – IV</b>	Part I	Tamil / Other Languages	6	4	3	25	75	100
	Part II	English	6	4	3	25	75	100
	Part III	<u>Core subject</u> 4. Electromagnetism	4	4	3	25	75	100
		Practical-IV	2	2	3	50	50	100
		<u>Allied Subject-II</u> (for allied subjects with theory and practical) 1.Theory-Paper-II	4	3	3	25	75	100
		2.Practical-II	2	2	3	50	50	100
		<u>Skill based subject</u> (Anyone) a. Maintenance of Electronic appliances b. Instrumentation Physics – II	4	4	3	25	75	100
	Part IV	<u>Non – Major Elective - Paper - II</u> (Any One) a. Basic Physics – II b. Space Physics	2	2	3	25	75	100
		Common - Computer For Digital Era*	2	2	-	-	-	-
	Part V	Extension activity	-	1	-	-	-	-
		Total	32	28				

## Semester – IV

Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
					Int	Ext	Total
Part I	Tamil / Other Languages	6	4	3	25	75	100
Part II	English	6	4	3	25	75	100
Part III	<u>Core subject</u> 4. Heat & Thermodynamics	4	4	3	25	75	100
	Practical-IV	2	2	3	50	50	100
	<u>Allied Subject-II</u> (for allied subjects with theory and practical) 1.Theory-Paper-II	4	3	3	25	75	100
	2.Practical-II	2	2	3	50	50	100
	<u>Skill based subject</u> (Anyone) a. Maintenance of Electronic appliances b. Instrumentation Physics – II	4	4	3	25	75	100
Part IV	<u>Non – Major Elective - Paper - II</u> (Any One) a. Basic Physics – II b. Space Physics	2	2	3	25	75	100
	Common - Computer For Digital Era*	2	2	-	-	-	-
Part V	Extension activity	-	1	-	-	-	-
	Total	32	28				

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

UG COURSES – AFFILIATED COLLEGES

**B.Sc. Mathematics**

(Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

Sem	Part	Sub. No	Subject Status	Subject title	Hrs / Week	Credits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
I	I	1	Language	Tamil/Other Languages	6	4	25	75	100	30	40
	II	2	Language	English	6	4	25	75	100	30	40
	III	3	Core -1	Calculus	5	4	25	75	100	30	40
		4	Core-2	Classical Algebra	5	4	25	75	100	30	40
		5	Allied-I	Statistics-I OR Physics/ Chemistry/ Computer Science With Practicals	6	3	25	75	100	30	40
					6	4	25	75	100	30	40
IV	6	Common	Environmental Studies	2	2	25	75	100	30	40	
II	I	7	Language	Tamil/Other Languages	6	4	25	75	100	30	40
	II	8	Language	English	6	4	25	75	100	30	40
	III	9	Core-3	Analytical Geometry of Three Dimensions	5	4	25	75	100	30	40
		10	Core-4	Differential Equations	5	4	25	75	100	30	40
		11	Allied-I	Statistics -II OR Physics/ Chemistry/ Computer Science With Practicals	6	3	25	75	100	30	40
	6				4	25	75	100	30	40	
IV	12	Common	Value Based Education/	2	2	25	75	100	30	40	

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

UG COURSES – AFFILIATED COLLEGES

**B.Sc. PHYSICS**

(Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

	<b>Sub. No:</b>	<b>Subject status</b>	<b>Subject Title</b>	<b>Contact Hrs/week</b>	<b>L Hrs/week</b>	<b>T Hrs/week</b>	<b>P Hrs/week</b>	<b>Credits</b>
<b>Part I</b>	1	Language	Tamil/Other Languages	6	6	0	0	4
<b>Part II</b>	2	Language	English	6	6	0	0	4
<b>Part III</b>	3	Core-1	Mechanics and relativity	4	4	0	0	4
	4	Core-2	Properties of matter and acoustics	4	4	0	0	4
	5.	Major .Practical-I	Practical-I	2	0	0	2	2
	6	Allied Paper-1	Allied Physics Paper-1	4	4	0	0	4
	7	Allied.Practical-1-1	AlliedPractical-1	2	0	0	2	2
<b>Part IV</b>	8	<b>Common</b>	<b>Environmental Studies</b>	2	2	0	0	2
			<b>Total</b>	<b>30</b>				<b>26</b>
<b>Part I</b>	9	Language	Tamil/Other Languages	6	6	0	0	4
<b>Part II</b>	10	Language	English	6	6	0	0	4
<b>Part III</b>	11	Core-3	Thermal physics and statistical mechanics	4	4	0	0	4
	12	Core-4	Optics	4	4	0	0	4
	13	Major .Practical-II	Practical-II	2	0	0	2	2
	14	Allied Paper-2	Allied Physics Paper-2	4	4	0	0	4
	15	Allied.Practical-1-2	Practical-2	2	0	0	2	2
<b>Part IV</b>	16	<b>Common</b>	<b>Value Based education</b>	2	2	0	0	2
			<b>Total</b>	<b>30</b>				<b>26</b>

## PROGRAMME STRUCTURE

SEM	Part	SUB. No	SUBJECT STATUS	SUBJECT TITLE	contact hrs /wk	L hrs /wk	P hrs /wk	credits
I	I	1	Language	Tamil/Other Languages	6	6	0	4
	II	2	Language	Communicative English – I	6	6	0	4
	III	3	Core I	Inorganic Chemistry – I	4	4	0	4
	III	4	Core II	Professional English for Physical Science –I	4	4	0	4
	III	5	Major Practical I	Inorganic quantitative (Volumetric) Analysis – I	2	0	2	2
	III	6	Allied Course I	Allied Chemistry – I	4	4	0	3
	III	7	Allied Practical I	Allied Chemistry Practical- I	2	0	2	2
	IV	8	Common	Environmental Studies	2	2	0	2
			<b>SUB TOTAL</b>			<b>30</b>	<b>26</b>	<b>4</b>
II	I	9	Language	Tamil/Other Languages	6	6	0	4
	II	10	Language	Communicative English – II	6	6	0	4
	III	11	Core III	Organic Chemistry – I	4	4	0	4
	III	12	Core IV	Professional English for Physical Science-II	4	4	0	4
	III	13	Major Practical II	Inorganic quantitative (Volumetric)Analysis – II	2	0	2	2
	III	14	Allied Course II	Allied Chemistry – II	4	4	0	3
	III	15	Allied Practical-II	Allied Chemistry Practical- II	2	0	2	2
	IV	16	Common	Social Value Education	2	2	0	2
			<b>SUB TOTAL</b>			<b>30</b>	<b>26</b>	<b>4</b>

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

UG COURSES – AFFILIATED COLLEGES

**B.Sc COMPUTER SCIENCE**

(Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

Sem	Part I/ II/ III/ IV/V	Sub No.	Subject Status	Subject Title	Contact Hrs/ week	Credits
<b>I</b>	I	1	Language	Tamil/Other Language	6	4
	II	2	Language	English	6	4
	III	3	Core	Programming in C	5	4
	III	4	Major Practical - I	Programming in C	4	2
	III	5	<b>Allied - I</b> a) For the B.Sc.(CS) Programme	a)Discrete Mathematics	3	3
				b) For other U.G. Programme		
	III	6	<b>Allied Practical – I</b> a) For the B.Sc.(CS) Programmes	a) Computer Basics	4	2
				b) For other U.G. Programmes		
	IV	7	<b>Common</b>	<b>Environmental Studies</b>	2	2
<b>Subtotal</b>					<b>30</b>	<b>21</b>
<b>II</b>	I	8	Language	Tamil/Other Language	6	4
	II	9	Language	English	6	4
	III	10	Core	Programming in C++	5	4
	III	11	Major Practical - II	Programming in C++	4	2
	III	12	<b>Allied –II</b> a)For the B.Sc.(CS) Programmes	a)Digital Design	3	3
				b) For other U.G. Programmes		
	III	13	<b>Allied Practical – II</b> a)For the B.Sc.(CS) Programmes	a) Linux	4	2
				b) For other U.G. Programmes		
	IV	14	<b>Common</b>	<b>Value Based Education</b>	2	2
<b>Subtotal</b>					<b>30</b>	<b>21</b>
<b>III</b>	III	15	Core	Java Programming	5	4
	III	16	Core	Data Structures	5	4
	III	17	Major Practical - III	Java Programming	6	3

**Manonmaniam Sundaranar University, Tirunelveli**  
**UG Courses – Affiliated Colleges**  
**B.A English**  
**(Choice Based Credit System)**  
**(with effect from the academic year 2020-21 onwards)**

Sem.	PartI/II/ III/IV	Sub. No.	SubjectSta tus	SubjectTitle	Hrs.	Credits
I	I	1	Language	Tamil / Other Language	6	4
	II	2	Language	Communicative English	6	4
	III	3	Core –1	Indian Writing in English –I	4	4
	III	4	Core –2	British Fiction	4	4
	III	5	Add on Major (Mandatory)	Professional English for Arts and Social Sciences - I	4	4
	III	6	Allied –1	Social History of England	4	3
	IV	7	<b>Common</b>	<b>EnvironmentalStudies</b>	2	2
	<b>Sub.Total</b>					<b>30</b>
Sem.	PartI/II/ III/IV	Sub. No.	SubjectSta tus	SubjectTitle	Hrs.	Credits
II	I	1	Language	Tamil / OtherLanguage	6	4
	II	2	Language	English	6	4
	III	3	Core –3	Indian Writing in English –II	4	4
	III	4	Core –4	American Literature	4	4
	III	5	Add on Major (Mandatory)	Professional English for Arts and Social Sciences - I	4	4
	III	6	Allied –2	Literary Forms	4	3
	IV	7	<b>Common</b>	<b>Value Based Education /Social Harmony</b>	2	2
	<b>Sub.Total</b>					<b>30</b>

**MANONMANIAM SUNDARANAR UNIVERSITY**

**TIRUNELVELI**

**CHOICE BASED CREDIT SYSTEM**

**COURSE STRUCTURE FOR B.Com**

(With effect from the Academic Year 2017-2018 onwards)

**I. B.Com – I Semester**

Sem (1)	Pt. I/II/III/IV/V (2)	Sub. No. (3)	Subject Status (4)	Subject Title (5)	Contact Hours/Weeks (6)	L HRS/Week (7)	T HRS/Week (8)	P HRS/Week (9)	C Credits (10)
I	I	1	Language	Tamil/other language	6	6	0	0	4
	II	2	Language	English	6	6	0	0	4
	III	3	Major Core 1	Financial Accounting I	5	5	0	0	4
	III	4	Major Core 2	Business Organisation	5	5	0	0	4
	III	5	Allied I	Business Economics	6	6	0	0	3
	IV	6	Common	Environmental Studies	2	2	0	0	2
Sub Total					30	30	0	0	21

**I. B.Com – II Semester**

Sem (1)	Pt. I/II/III/IV/V (2)	Sub. No. (3)	Subject Status (4)	Subject Title (5)	Contact Hours/Weeks (6)	L HRS/Week (7)	T HRS/Week (8)	P HRS/Week (9)	C Credits (10)
II	I	7	Language	Tamil/ other language	6	6	0	0	4
	II	8	Language	English	6	6	0	0	4
	III	9	Major Core 3	Financial Accounting II	5	5	0	0	4
	III	10	Major Core 4	Principles of Management	5	5	0	0	4
	III	11	Allied II	Marketing	4	4	0	0	3
	IV	12	Common	Value Based Education/ Social Harmony	2	2	0	0	2
	IV	13		Field work	2	2	0	0	2
Sub Total					30	30	0	0	23

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**B.Com with Computer Applications**

(Choice Based Credit System)

JCODE

(with effect from the academic year 2016-2017 onwards)

Sem	Pt I/ II/ III/ IV	Sub No.	Subject status	Subject Title	Hrs/ week	Cre dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
I	I	1	Language	TAMIL/OTHER LANGUAGE	6	3	25	75	100	30	40
	II	2	Language	ENGLISH	6	3	25	75	100	30	40
	III	3	Core - 1	FINANCIAL ACCOUNTING I	5	4	25	75	100	30	40
		4	Core - 2	BUSINESS ORGANISATION	5	4	25	75	100	30	40
		5	Allied - I	OFFICE AUTOMATION (Theory + Practical)	6	5	25	75	100	30	40
	IV	6	Common	ENVIRONMENTAL STUDIES	2	2	25	75	100	30	40
	SUBTOTAL					30	21				



16/06/14

MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI

UG COURSES – AFFILIATED COLLEGES

B.Com. with Computer Applications

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)



JCODE

Sem.	Pt. I/ II/ III/ IV	Sub. No.	Subject status	Subject Title	Hrs./ week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
I	7	Language	TAMIL/OTHER LANGUAGE	6	3	25	75	100	30	40	
II	8	Language	ENGLISH	6	3	25	75	100	30	40	
III	9	Core - 3	FINANCIAL ACCOUNTING II	5	4	25	75	100	30	40	
III	10	Core - 4	PRINCIPLES OF MANAGEMENT	5	4	25	75	100	30	40	
III	11	Allied - II	PAGE MAKER AND PHOTOSHOP (Theory-4 Hrs, Practical -2Hrs) Theory	6	5	25	75	100	30	40	
IV	12	Common	VALUE BASED EDUCATION/ சமூக ஒழுக்கங்களும் பண்பாட்டு விழுமியங்களும் / SOCIAL HARMONY	2	2	25	75	100	30	40	
SUBTOTAL					30	21					

Notes:

For problem papers 40% marks for theory and 60% for problem.

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES  
Part - I Tamil**

(Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

**MSU/2017-18/UG-Colleges/Part-I (Tamil) Semester-I/ppr.-1**

**பொதுத்தமிழ் - தாள் 1**

- அலகு 1 : செய்யுள்பகுதி
- அலகு 2 : இலக்கணம்  
இவ்விரு அலகுகளும் பல்கலைக்கழகத் தொகுப்பிலிருந்து  
கற்பிக்கப்படும்
- அலகு 3 : உரைநடை  
உரைநடைப்பூங்கா தொகுப்பாசிரியர் : முனைவர் இரா.காமராசு  
அறிவுப்பதிப்பகம், (பி) லிட், சென்னை – 600014  
விலை ரூ.60.00
- அலகு 4 : சிறுகதை – கதைக்களஞ்சியம்  
தொகுப்பாசிரியர் : முனைவர் சு.வேணுகோபால்  
தாமரை பப்ளிகேஷன்ஸ் (பி) லிட், சென்னை – 600098  
விலை ரூ.55.00
- அலகு 5 : இலக்கிய வரலாறு
1. புதுக்கவிதை – தோற்றமும் வளர்ச்சியும்
  2. சிறுகதை – தோற்றமும் வளர்ச்சியும்
  3. புதினம் – தோற்றமும் வளர்ச்சியும்
  4. நாடகம் – தோற்றமும் வளர்ச்சியும்
  5. தகவல் தொடர்பு சாதனங்களும் தமிழ் வளர்ச்சியும்

பார்வை நூல்கள் :

இலக்கணம்

இலக்கிய வரலாறு –

- நன்னூல் மூலமும் உரையும்

தமிழ் இலக்கிய வரலாறு

1. முனைவர் பெ.சுயம்பு

பாரதிப்பதிப்பகம், 113, இராஜீவ் தெரு,  
திசையன்விளை

தமிழ் இலக்கிய வரலாறு

2. முனைவர் மு.அருணாச்சலம்

அருண் பதிப்பகம், திருச்சிராப்பள்ளி

<b>Unit:3</b>	<b>உரைநடை</b>	<b>15 Hours</b>
இலக்கியச்சாரல் - தொகுப்பாசிரியர் முனைவர் ச.அருள்மணி பிரிசாட் பப்ளிகேஷன்ஸ், சென்னை - 3		
<b>Unit:4</b>	<b>சிறுகதை</b>	<b>15 Hours</b>
நவரத்தினக்கதைகள் - தொகுப்பாசிரியர் முனைவர் சு.நயினார் அறிவுப்பதிப்பகம்(பி)லிட்., சென்னை -14, தொலைபேசி எண் : 044-28482441		
<b>Unit:5</b>	<b>இலக்கிய வரலாறு</b>	<b>15 Hours</b>
<ol style="list-style-type: none"> <li>1. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும்</li> <li>2. சிறுகதையின் தோற்றமும் வளர்ச்சியும்</li> <li>3. நாவலின் தோற்றமும் வளர்ச்சியும்</li> <li>4. நாடகத்தின் தோற்றமும் வளர்ச்சியும்</li> <li>5. நாட்டுப்புறப்படல்களின் தோற்றமும் வளர்ச்சியும்</li> </ol>		

#### Mapping with Programme Outcomes

CO <sub>5</sub>	PO1	PO2	PO3	PO4	PO5
CO <sub>1</sub>	S	S	M	S	S
CO <sub>2</sub>	S	M	M	S	M
CO <sub>3</sub>	M	S	S	M	S
CO <sub>4</sub>	M	M	S	M	S
CO <sub>5</sub>	S	M	S	S	M

S- மிகையான (Strong) M- நடுநிலையான (Medium) L- குறைவான (Low)

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**Part - I Tamil**

(Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

**பொதுத்தமிழ் - தாள் - 2**

- அலகு 1 : செய்யுள்பகுதி
- அலகு 2 : இலக்கணம்  
இவ்விரு அலகுகளும் பல்கலைக்கழகத் தொகுப்பிலிருந்து கற்பிக்கப்படும்
- அலகு 3 : உரைநடை - உரைமாலை  
தொகுப்பாசிரியர் - பேரா.பா.ஆனந்தகுமார்  
தென்னக ஆய்வு மையம்  
இராயப்பேட்டை, சென்னை – 600014
- அலகு 4 : வாழ்க்கை வரலாறு - கவிமணி தேசிக விநாயகம்பிள்ளை  
வித்துவான் செ.சதாசிவம்  
நியூ செஞ்சரி புக் ஹவுஸ் (பி) லிட்  
சென்னை – 600098
- அலகு 5 : நீதிநூல்களும், பக்தி இலக்கியங்களும்
1. பதினெண்கீழ்க்கணக்கு நூல்கள் - அறநூல்கள் மட்டும்
  2. பன்னிரு திருமுறைகள்
  3. நாலாயிரத் திவ்யப் பிரபந்தம்

பார்வை நூல்கள் :

இலக்கணம் - இலக்கிய வரலாறு –

1). “நன்னூல் மூலமும் உரையும்  
தமிழ் இலக்கிய வரலாறு”

முனைவர் பெ.சுயம்பு  
( பாரதிபதிப்பகம்,  
திசையன்விளை)

2). “தமிழ் இலக்கிய வரலாறு”

முனைவர் மு.அருணாச்சலம்  
(அருண் பதிப்பகம், திருச்சிராப்பள்ளி )

<b>Unit:4</b>	<b>வாழ்க்கை வரலாறு</b>	<b>15 Hours</b>
மனோன்மணியம் சுந்தரனாரின் வாழ்வும் பணியும் ஆசிரியர் முனைவர் அ.கா.பெருமாள், நெஸ்லிங் பூக்ஸ் பப்ளிஷிங், சென்னை -50 தொலைபேசி எண் : 044-26251968, 26258410, 48601884		
<b>Unit:5</b>	<b>இலக்கிய வரலாறு</b>	<b>15 Hours</b>
1. பன்னிரு திருமுறைகள் 2. நாலாயிரத் திவ்விய பிரபந்தம் 3. சமண இலக்கியங்கள் 4. பௌத்த இலக்கியங்கள் 5. கிறித்துவ இலக்கியங்கள் 6. இஸ்லாமிய இலக்கியங்கள் 7. அறநூல் பெயர்கள் மட்டும் (பதினெண் கீழ்க்கணக்கில்)		

### Mapping With Programme Outcomes

CO <sub>s</sub>	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	S	S
CO2	M	M	S	S	S
CO3	S	S	M	S	M
CO4	S	S	S	S	S
CO5	S	M	M	S	M

S- மிகையான (Strong) M- நடுநிலையான (Medium) L- குறைவான (Low)

MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI

UG COURSES - AFFILIATED COLLEGES

Part - I Tamil

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

இரண்டாமாண்டு, மூன்றாம், நான்காம் பருவங்களுக்குரிய செய்யுள் பாடப்பகுதிகள்

தாள் - 3

செய்யுள், இலக்கணம், உரைநடை, புதினம், இலக்கியவரலாறு.

அலகு 1 : செய்யுள் பகுதி  
அலகு 2 : இலக்கணம்  
இவ்விரு அலகுகளும் பல்கலைக்கழகத் தொகுப்பிலிருந்து  
கற்பிக்கப்படும்.

அலகு 3 : உரைநடை  
தன்னம்பிக்கைக் கட்டுரைகள்  
வெற்றிப் பாதை  
தொகுப்பு ஆசிரியர் பேரா.க.இராமச்சந்திரன்,  
அறிவுப் பதிப்பகம் (பி) லிட்,  
இராயப்பேட்டை, சென்னை - 600 014.

அலகு 4 : புதினம்  
பால்மரக் காட்டினிலே  
ஆசிரியர்.அகிலன்  
தாகம் பப்ளிகே'ன்ஸ்  
34 35, சாரங்கபாணிதெரு,  
தி.நகர், சென்னை - 600 017.

அலகு 5 : இலக்கிய வரலாறு  
காப்பியங்களும், சிற்றிலக்கியங்களும்  
1. ஜம்பெருங்காப்பியங்கள்  
2. சமணம், பௌத்தம், கிறித்தவம், இசுலாம் ஆகிய  
சமயங்கள் ஆற்றிய தமிழ்தொண்டு

Subject Code : CITL31

மூன்றாம் பருவம்

Course Code	31T	பகுதி - ஒன்று - பொதுத்தமிழ் - மூன்றாம் தாள் (TITLE OF THE COURSE)
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பாடத்திட்டத்தின் நோக்கங்கள் (Course Objectives)

காப்பியங்கள் வாயிலாகத் தமிழரின் விழுமியங்களை உணரச் செய்தல்

எதிர்பார்க்கும் படிப்பின் முடிவுகள் (Expected Course Outcomes)

1.	காப்பியங்கள் மூலம் பண்டைத் தமிழரின் வாழ்வியலை அறியச் செய்தல்	K <sub>1</sub> ,K <sub>2</sub> ,K <sub>5</sub>
2.	யாப்பு, பா, அணி இவற்றின் இலக்கணத்தைக் கற்றுத் தந்து செய்யுள் இயற்றும் திறனை ஊக்குவித்தல்	K <sub>2</sub> ,K <sub>4</sub>
3.	இலக்கிய ஆய்வுத்திறனை மாணவர் மனதில் விதைத்தல்.	K <sub>2</sub> , K <sub>3</sub> ,K <sub>4</sub>
4.	நேர்மையான வழியில் வாழ அறிவுறுத்தல்.	K <sub>2</sub> , K <sub>5</sub>
5.	காப்பியங்கள் மற்றும் சிற்றிலக்கியங்களின் வரலாற்றை அறியச் செய்தல்.	K <sub>1</sub> ,K <sub>2</sub> , K <sub>4</sub>

K1 - நினைவில் கொள்ளுதல் (Remember) K2 - புரிந்து கொள்ளுதல் (understand) K3 - விண்ணப்பித்தல் (Apply) K4 - பகுத்தாய்தல் (Analyze) K5 - மதிப்பிடு செய்தல் (Evaluate) K6 - உருவாக்குதல் (Create)

Unit:1 செய்யுள் 30 Hours

சிலப்பதிகாரம் முதல் நந்திக் கலம்பகம் வரை  
நியூ செஞ்சரி புக் ஹவுஸ் (பி) லிட்., திருநெல்வேலி - 1  
தொலைபேசி எண் : 0462-2323990

Unit:2 இலக்கணம் 15 Hours

1. யாப்பு - இலக்கணம்
2. அணி - இலக்கணம்
3. மொழிபெயர்ப்பு

Unit:3 உரைநடை 15 Hours

இலக்கிய ஆய்வுத்திறன் தொகுப்பாசிரியர் - முனைவர் கரு.முருகன்  
நியூ செஞ்சரி புக் ஹவுஸ் (பி) லிட்., சென்னை - 50  
தொலைபேசி எண் : 044-26251968, 26258410, 48601884

Unit:4 புதினம் 15 Hours

வேரில் பழுத்த பலா - ஆசிரியர் சு.சமுத்திரம்  
அறிவுப் பதிப்பகம் (பி) லிட்., சென்னை -14 தொலைபேசி எண் : 044-28482441

Unit:5 இலக்கிய வரலாறு 15 Hours

1. ஐம்பெருங்காப்பியங்கள்
2. ஐஞ்சிறு காப்பியங்கள்
3. சிற்றிலக்கியங்களின் தோற்றமும் வளர்ச்சியும் வகைகளும்  
(பிள்ளைத்தமிழ், பரணி, கலம்பகம், உலா)

Sem.	Pt. I/ II/ III/ IV/V	Sub. No.	Subject Status	Subject Title	Hrs per week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
IV	III	19	Core - 8	ADVANCED FINANCIAL ACCOUNTING - II	6	4	25	75	100	30	40
	III	20	Core - 9	BUSINESS MATHEMATICS	6	4	25	75	100	30	40
	III	21	Major Elective-I (Any One)	(A). BUSINESS TAXATION	6	5	25	75	100	30	40
				(B). STOCK MARKET							
				(C). INVESTMENT MANAGEMENT							
				(D). OFFICE AUTOMATION (Theory- 4Hrs, *Practical – 2 Hrs) Internal : Theory- 20 marks Practical and Record Works-5marks							
	III	22	Allied-IV	COMPUTER APPLICATIONS IN BUSINESS	6	5	25	75	100	30	40
	IV	23	Skill Based –II (Any One)	(A) BUSINESS MODELS	4	4	25	75	100	30	40
(B). CAREER PLANNING											
(C). ENTREPRENEURSHIP DEVELOPMENT											
IV	24	Non – Major Elective –II (Any One)	(A). FINANCIAL ACCOUNTING	2	2	25	75	100	30	40	
			(B).HUMAN RIGHTS								
V		Extension Activity	NSS/NCC/YRC/YWF	-	1	-	-	-	-	-	
		SUBTOTAL			30	25					

**\*There is no external examination for practical**

**MANONMANIAM SUNDARANAR UNIVERSITY**  
**TIRUNELVELI**  
 UG COURSES – AFFILIATED COLLEGES  
**B.Com**  
 (Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

Sem. (1)	Pt. I/II/ III/ IV/V (2)	Sub. No. (3)	Subject Status (4)	Subject Title (5)	Contact Hrs/ Weeks (6)	C Credits (7)
III	III	13	Core 5	Advanced Financial Accounting I	6	4
	III	14	Core 6	Business Statistics	5	4
	III	15	Core 7	Banking	5	4
	III	16	Core 8	Human Resource Management	5	4
	III	17	Allied III	Company Organisation	3	3
	IV	18	Non Major Elective 1 (Any one )	1. Introduction to Accountancy 2. Consumer Awareness	2	2
	III	19	Skill Based I - Core	Business Communication	4	4
	IV	20	Common	Yoga	2	2
				<b>Sub total</b>	<b>30*</b>	<b>25*</b>

**\*Excluding the hours and credit for Yoga.**

IV	III	21	Core 9	Advanced Financial Accounting - II	6	4
	III	22	Core 10	Business Mathematics	5	4
	III	23	Core 11	Capital Market	5	4
	III	24	Core 12	Import & Export Procedures	5	4
	III	25	Allied IV	Computer Applications in Business	3	3
	IV	26	Non Major Elective II (Any one )	1. Financial Accounting 2. Human Rights	2	2
	III	27	Skill Based II - Core	Entrepreneurship Development	4	4
	V	28	Extension Activity	NCC/ NSS/ YRC/ YWF	-	1
	IV	29	Common	Computer for Digital Era	2	2
				<b>Sub total</b>	<b>30*</b>	<b>26*</b>

**\*Excluding the hours and credit for Computer for Digital Era.**

<b>Unit:3</b>	<b>உரைநடை</b>	<b>15 Hours</b>
வாழ்வியல் அறம் - தொகுப்பாசிரியர் - முனைவர் ச.பொ.சீனிவாசன் நெஸ்லிங் புகஸ் பப்ளிஷிங் அன்ட் டிஸ்ட்ரிபியூட்டர்ஸ் (பி) லிட்., சென்னை -50 தொலைபேசி எண் : 044-26251968, 26258410, 48601884		
<b>Unit:4</b>	<b>நாடகம்</b>	<b>15 Hours</b>
ஆதி அத்தி - ஆசிரியர் - பெ.தூரன் - பதிப்பாசிரியர் - முனைவர் சொ.சேதுபதி நியூ செஞ்சரி புக ஹவுஸ் (பி) லிட்., சென்னை -50 தொலைபேசி எண் : 044-26251968, 26258410, 48601884		
<b>Unit:5</b>	<b>இலக்கிய வரலாறு</b>	<b>15 Hours</b>
1. எட்டுத்தொகை நூல்கள் 2. பத்துப்பாட்டு நூல்கள் 3. சங்க இலக்கியங்களின் சிறப்பியல்புகள்		

### Mapping with Programme Outcomes

CO <sub>s</sub>	PO1	PO2	PO3	PO4	PO5
CO1	S	M	S	M	S
CO2	M	S	M	M	M
CO3	S	M	S	S	M
CO4	S	M	M	S	S
CO5	M	S	S	M	M

S- மிகையான (Strong) M- நடுநிலையான (Medium) L- குறைவான (Low)

கற்பித்தல் முறைகள் (Pedagogy)

- சொற்பொழிவு, பிபிடி, பயிற்சிக்கட்டுரை, குழு கலந்துரையாடல், கருத்தரங்கம்

Blooms Taxonomy Based Assessment Pattern

அகமதிப்பிட்டுத் தேர்வு மதிப்பெண் (Components of CIA Marks)

Tests (I,II&III)	Assignment/Seminar/Subject	Total
20	5	25

	IV	25	Non- Major Elective	Any one of the Following : 2.1) Mathematics for Competitive Examinations – II 2.2) Fundamentals of Statistics – II	2	2	25	75	100	30	40
		26	Common	Computers for Digital Era*	2	2	25	75	100	30	40
	V		Extension Activities	NCC / NSS / YRC / YWF / PE	-	1	-	-	-	-	-

V	III	27	Core-V Paper-VII	Linear Algebra	5	4	25	75	100	30	40
		28	Core-VI Paper-VIII	Real Analysis	5	4	25	75	100	30	40
		29	Core-VII Paper-IX	Statics	5	4	25	75	100	30	40
		30	Core-VIII Paper-X	Transforms and their Applications	5	4	25	75	100	30	40
		31	Major Elective-I Paper-XI	Any one of the following 1.1. Programming in C 1.2. Discrete Mathematics 1.3. Combinatorial Mathematics	4	4	25	75	100	30	40
		32	Major Elective – II Paper-XII	Any one of the following: 2.1 - Operations Research- I 2.2 - Stochastic Process 2.3. MS Office	4	4	25	75	100	30	40
	IV	33	Skill Based Common	Personality Development	2	2	25	75	100	30	40

**MANONMANIAM SUNDARANAR UNIVERSITY**

**TIRUNELVELI**

UG COURSES – AFFILIATED COLLEGES

**B.Sc. Physics**  
(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

**(44<sup>th</sup> SCAA meeting held on 30.05.2016)**

Sem	Pt I/II/ III/IV V/VI	Sub No.	Subject status	Subject Title	Hrs/ week	Credits	Marks				
							Maximum			Passing minimum	
							Int.	Ext	Tot.	Ext	Tot.
V	I	33	Core - 7	Basic Electronics	4	4	25	75	100	30	40
	II	34	Core - 8	Solid State Physics	4	4	25	75	100	30	40
	III	35	Elective – 1 (Select any one )	A)Spectroscopy B) Mathematical Physics	5	5	25	75	100	30	40
		36	Elective - 2	A) Communication Electronics B) Numerical Methods	5	5	25	75	100	30	40
		37	Practical -5	Non Electronics (No examination in the Fifth Semester)	3	-	50	50	100	20	40
		38	Practical - 6	Electronics  (No examination in the Fifth Semester)	3	-	50	50	100	20	40
		39	Practical - 7	Computer Programming with C ++ (No examination in the Fifth Semester)	2	-	50	50	100	20	40
	IV	40	<b>Skill Based subject (Common)</b>	<b>Personality Development / Effective Communication</b>	4	4	25	75	100	30	40
				Subtotal	30	22					

	III	28	Core – Paper VI	Physical Chemistry - II	5	5	0	4
	III	29	Major Practical IV	Inorganic Preparation and Physical Constant Determination	2	0	2	1
	III	30	Allied - II	Allied Chemistry - II	3	3	0	3
	III	31	Allied Practical II	Allied Chemistry Practical-II	2	0	2	1
	IV	32	Skilled Based II Core	Chemistry in medicine / Industrial Chemistry	4	4	0	4
	IV	33	Non-Major Elective - II	Dairy Chemistry / Applied Chemistry	2	2	0	2
	IV	34	Common	Computers for Digital Era	2	2	0	2
	V	35	Extension Activity	NCC/NSS/YRC/YWF	-	-	-	1
				<b>Subtotal</b>	<b>30+2</b>	<b>26+2</b>	<b>4</b>	<b>26</b>
V	III	36	Core – Paper VII	Organic Chemistry - III	6	6	0	4
	III	37	Core – Paper VIII	Physical Chemistry - III	6	6	0	4
	III	38	Major Elective-I	Polymer Chemistry / Bio Inorganic Chemistry	4	4	0	4
	III	39	Major Elective-II	Analytical Chemistry / Pharmaceutical Chemistry	4	4	0	4
	III	40	Major Practical V	Organic Analysis	8	0	8	4
	III	41	Major Practical VI	Physical Chemistry Experiments				
	IV	42	Skill Based Common	Personality Development / Effective Communication / Youth Leadership	2	2	0	2
				<b>Subtotal</b>	<b>30</b>	<b>22</b>	<b>08</b>	<b>22</b>
VI	III	43	Core Paper IX	Inorganic Chemistry – III	5	5	0	4
	III	44	Core Paper X	Organic Chemistry - IV	5	5	0	4
	III	45	Core Paper XI	Physical Chemistry – IV	5	5	0	4
	III	46	Major Elective-III	Green Chemistry / Nano Chemistry	4	4	0	4
	III	44	Major Practical VII	Gravimetric Estimation & Organic Preparation	4	0	4	2
	III	47	Major Project	Major Project	07		07	7
	<b>Subtotal</b>				<b>30</b>	<b>19</b>	<b>11</b>	<b>25</b>
<b>Grand Total</b>					<b>180+4</b>	<b>143</b>	<b>37</b>	<b>144</b>

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

UG COURSES – AFFILIATED COLLEGE

**B.Sc., Computer Science**

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

(44<sup>th</sup> SCAA meeting held on 30.05.2016)

V	I	29	Core - 6	Software Engineering and Testing	4	4	25	75	100	30	40
	II	30	Core - 7	Data Communication and Computer Network	4	4	25	75	100	30	40
	III	31	Core - 8	Dot NET Technologies	4	4	25	75	100	30	40
		32	Major Practical -V	Dot NET	8	4	50	50	100	20	40
		33	Major Elective – II (Select any one )	A) Mobile Computing B)Cryptography and Network Security C) Cloud Computing	6	5	25	75	100	30	40
	IV	34	Skill Based subject (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40
				Subtotal	30	25					
VI	III	35	Core - 9	Operating System	4	4	25	75	100	30	40
	III	36	Core - 10	Relational Database Management System	4	4	25	75	100	30	40
	III	37	Core - 11	Computer Graphics and Visualization	4	4	25	75	100	30	40
	III	38	Core - 12	Data Mining	4	4	25	75	100	30	40
		39	Major Practical -VI	RDBMS with Oracle Lab	8	4	50	50	100	20	40
		40	Major Elective - III (Select any one )	Big Data Analytics / Artificial Neural Network/Internet of Things	6	5	25	75	100	30	40
				Subtotal	30	25					

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

UG COURSES – AFFILIATED COLLEGES

**B.Com.**

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

( 44<sup>th</sup> SCAA meeting held on 30.05.2016)

Sem.	Pt. I/II/ III/ IV/V	Sub. No.	Subject status	Subject Title	Hrs./ week	Cre- dits	Marks				
							Maximu m			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
V	I	25	Core - 10	CORPORATE ACCOUNTING -I	7	5	25	75	100	30	40
	II	26	Core - 11	COST ACCOUNTING	7	5	25	75	100	30	40
	III	27	Core - 12	BUSINESS LAW	6	6	25	75	100	30	40
		28	Major Elective -2 ( Select any One)	(A) INCOME TAX , LAW& PRACTICE –I							
				(B) *APPLICATIONS OF TALLY IN ACCOUNTING (Theo.4 hrs,Pra.2hrs)	6	5	25	75	100	30	40
		(C) LOGISTICS MANAGEMENT									
IV	29	Skilled Based (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40	
Subtotal					30	25					

**\* Internal 25 marks for Theory and External 75 marks for Practical**

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**B.Com with Computer Applications**

**(Choice Based Credit System)**

**(with effect from the academic year 2016-2017 onwards)**

**( 45<sup>th</sup> SCAA meeting held on 09.02.2017)**

Sem.	Pt. I/ II/ III/ IV/V	Subject Status	Subject Title	Hrs. per week	Cre dits	Marks				
						Maximum			Passing minimum	
						Int.	Ext.	Tot.	Ext.	Tot.
V	III	Core - 10	CORPORATE ACCOUNTING I	7	5	25	75	100	30	40
	III	Core - 11	COST ACCOUNTING	7	5	25	75	100	30	40
	III	Core - 12	BUSINESS LAW	6	6	25	75	100	30	40
	III	Major Elective – II (Any One)	1.*APPLICATION OF TALLY IN ACCOUNTING	6	5	50@	50@	100	20	40
			2.INCOME TAX LAW &PRACTICE I							
			3.LOGISTICS MANAGEMENT							
IV	Common Skill Based (Any One)	1.EFFECTIVE COMMUNICATION / 2.PERSONALITY DEVELOPMENT	4	4	25	75	100	30	40	
SUBTOTAL				30	25					

**\* Internal 25 marks for Theory and External 75 marks for Practical**

**@: Award of marks for practical component is as per the 45<sup>th</sup> SCAA resolution [no.: 45.7.2.1(45.T4) –refer [www.msuniv.ac.in](http://www.msuniv.ac.in)]**

**MANONMANIAM SUNDARANAR UNIVERSITY**  
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**B.Com**  
 (Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

<b>Sem.</b> <b>(1)</b>	<b>Pt.</b> <b>I/II/ III/ IV/V</b> <b>(2)</b>	<b>Sub.</b> <b>No.</b> <b>(3)</b>	<b>Subject</b> <b>Status</b> <b>(4)</b>	<b>Subject Title</b>  <b>(5)</b>	<b>Contact</b> <b>Hrs/ Weeks</b> <b>(6)</b>	<b>C</b> <b>Credits</b> <b>(7)</b>
III	III	13	Core 5	Advanced Financial Accounting I	6	4
	III	14	Core 6	Business Statistics	5	4
	III	15	Core 7	Banking	5	4
	III	16	Core 8	Human Resource Management	5	4
	III	17	Allied III	Company Organisation	3	3
	IV	18	Non Major Elective 1 (Any one )	1. Introduction to Accountancy 2. Consumer Awareness	2	2
	III	19	Skill Based I - Core	Business Communication	4	4
	IV	20	Common	Yoga	2	2
				<b>Sub total</b>	<b>30*</b>	<b>25*</b>

**\*Excluding the hours and credit for Yoga.**

IV	III	21	Core 9	Advanced Financial Accounting - II	6	4
	III	22	Core 10	Business Mathematics	5	4
	III	23	Core 11	Capital Market	5	4
	III	24	Core 12	Import & Export Procedures	5	4
	III	25	Allied IV	Computer Applications in Business	3	3
	IV	26	Non Major Elective II (Any one )	1. Financial Accounting 2. Human Rights	2	2
	III	27	Skill Based II - Core	Entrepreneurship Development	4	4
	V	28	Extension Activity	NCC/ NSS/ YRC/ YWF	-	1
	IV	29	Common	Computer for Digital Era	2	2
				<b>Sub total</b>	<b>30*</b>	<b>26*</b>

**\*Excluding the hours and credit for Computer for Digital Era.**

**Manonmaniam Sundaranar University**  
**Tirunelveli**  
**Choice Based Credit System**  
**Course Structure for B.Com – Affiliated Colleges**  
**(For those who joined 2020-2021 onwards)**  
**II B.Com Semester - III**

Semester	Part I/II/ III/ IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
III	III	15	Major Core 5	Advanced Financial Accounting- I	6	4
	III	16	Major Core 6	Business Statistics	5	4
	III	17	Major Core 7	Banking	5	4
	III	18	Major Core 8	Human Resource Management	5	4
	III	19	Allied- III	Company Organisation	3	3
	IV	20	Non Major Elective I (Any one)	1. Introduction to Accountancy 2. Consumer Awareness	2	2
	III	21	Skill Based I – Core	Business Communication	4	4
	IV	22	Common	Yoga	2	2
				Sub Total	30*	25*

\* Excluding the hours and Credit for Yoga

II

**B.Com Semester - IV**

Semester	Part I/II/ III/ IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
IV	III	23	Major Core 9	Advanced Financial Accounting – II	6	4
	III	24	Major Core 10	Business Mathematics	5	4
	III	25	Major Core 11	Capital Market	5	4
	III	26	Major Core 12	Import & Export Procedures	5	4
	III	27	Allied- IV	Computer Applications in Business	3	3
	IV	28	Non Major Elective II (Any one)	1. Financial Accounting 2. Human Rights	2	2
	III	29	Skill Based II – Core	Entrepreneurship Development	4	4
	V	30	Extension Activity	NCC/NSS/YRC/YWF	-	1
	IV	31	Common	Computer for Digital Era	2	2
				Sub Total	30*	26*

\*Excluding the hours and Credit for Computer for Digital Era

**Manonmaniam Sundaranar University**  
**Tirunelveli**  
**Choice Based Credit System**  
**Course Structure for B.Com – Affiliated Colleges**  
**(With effect from the Academic Year 2021-2022 onwards)**  
**II B.Com Semester - III**

Semester	Part I/II/ III/ IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
III	III	15	Language	Tamil-III/Other Language	6	4
	III	16	Language	English-III	6	4
	III	17	Major Core 5	Advanced Financial Accounting	5	4
	III	18	Major Core 6	Banking Theory Law & Practice	4	4
	III	19	Allied- III	Computer Applications in Business	3	3
	IV	20	Non Major Elective I (Any one)	1. Introduction to Accountancy 2. Consumer Protection	2	2
	III	21	Skill Based I – Core	Business Communication	4	4
	IV	22	Common	Yoga	2	2
				Sub Total	30*	25*

\* Excluding the hours and Credit for Yoga

**II B.Com Semester - IV**

Semester	Part I/II/ III/ IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
IV	III	23	Language	Tamil-IV/Other Language	6	4
	III	24	Language	English-IV	6	4
	III	25	Major Core 7	Quantitative Techniques	5	4
	III	26	Major Core 8	Logistic Management	4	4
	III	27	Allied- IV	Application of Tally in Accounting	3	3
	IV	28	Non Major Elective II (Any one)	1. Financial Accounting 2. Human Rights	2	2
	III	29	Skill Based II – Core	Entrepreneurship Development	4	4
	V	30	Extension Activity	NCC/NSS/YRC/YWF	-	1
	IV	31	Common	Computer for Digital Era	2	2
				Sub Total	30*	26*

\*Excluding the hours and Credit for Computer for Digital Era

**MANONMANIAM SUNDARANAR UNIVERSITY**  
**TIRUNELVELI**  
 UG COURSES – AFFILIATED COLLEGES

**B.A. English**

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

(45<sup>th</sup> SCAA meeting held on 09.02.2017)

Sem.	Part I/II/ III/IV	Sub. No	Subject Status	SUBJECT TITLE	Hrs./ Week	Cre- dits	Marks				
							Maximum			Passing Minimum	
							Int.	Ext.	Tot	Ext.	Tot.
III	I	13	Language	TAMIL/OTHER LANGUAGE	6	3	25	75	100	30	40
	II	14	Language	ENGLISH	6	3	25	7	100	30	40
	III	15	Core- 5	BRITISH POETRY	6	5	25	5	100	30	40
	III	16	Allied - III	HISTORY OF ENGLISH LITERATURE-I	6	5	25	75	100	30	40
	IV	17	Skilled Based Subject -I	PHONETICS AND SPOKEN ENGLISH	4	4	25	75	100	30	40
	IV	18	Non- Major Elective -I	ENGLISH FOR EMPLOYABILITY	2	2	25	75	100	30	40
	SUB TOTAL					30	22				
IV	I	19	Language	TAMIL/OTHER LANGUAGE	6	3	25	75	100	30	40
	II	20	Language	ENGLISH	6	3	25	7	100	30	40
	III	21	Core- 6	BRITISH DRAMA	6	5	25	5	100	30	40
	III	22	Allied - IV	HISTORY OF ENGLISH LITERATURE-II	6	5	25	75	100	30	40
	IV	23	Skilled-Based Subject-II	ECO ENGLISH	4	4	25	75	100	30	40
	IV	24	Non Major Elective-II	<b>BUSINESS COMMUNICATION</b>	2	2	25	75	100	30	40
	V	-	Extension Activity	NCC, NSS, YRC, YWF		1					
SUBTOTAL					30	23					

	III	5	Allied – 4	Chicano and Caribbean Literature	3	3
	III	6	Skilled-Based Core – 2	Eco English	4	4
	IV	7	Non-Major Elective – 2	Business English	2	2
	IV	8	Common	Computer for Digital Era	2	2
	V	9	Extension Activity	NCC, NSS, YRC, YWF	-	1
<b>Sub. Total</b>					<b>30*</b>	<b>25*</b>
<b>*Excluding Computer for Digital Era</b>						
<b>Sem.</b>	<b>Part I/II/III/IV</b>	<b>Sub. No.</b>	<b>Subject Status</b>	<b>Subject Title</b>	<b>Hrs.</b>	<b>Credits</b>
V	III	1	Core – 9	Non-Fiction	5	4
	III	2	Core – 10	Literary Critics and Approaches	5	4
	III	3	Core – 11	World Literature in Translation	5	4
	III	4	Core – 12	Canadian Literature	5	4
	III	5 6	Major Electives (select 2 courses out of 3)	Women’s Writing	4	4
				Journalism and Mass Communication	+	+
				Creative Writing in English	4	4

**MANONMANIAM SUNDARANAR UNIVERSITY,  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**B.Com.**

**(Choice Based Credit System)**

**(with effect from the academic year 2016-2017 onwards)**

**( 44<sup>th</sup> SCAA meeting held on 30.05.2016)**

Sem.	Pt. I / II/ III/ IV/V	Sub. No.	Subject Status	Subject Title	Hrs. per week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
III	III	13	Core – 5	ADVANCED FINANCIAL ACCOUNTING - I	6	4	25	75	100	30	40
	III	14	Core - 6	BUSINESS STATISTICS	6	4	25	75	100	30	40
	III	15	Core -7	BANKING	6	4	25	75	100	30	40
	III	16	Allied -III	COMPANY ORGANISATION	6	5	25	75	100	30	40
	IV	17	<b>Skill Based -I (Any One)</b>	(A) <b>BUSINESS COMMUNICATION</b> (B) OFFICE MANAGEMENT	4	4	25	75	100	30	40
	IV	18	Non – Major Elective – I (Any One)	(A) INTRODUCTION TO ACCOUNTANCY (B) CONSUMER AWARENESS	2	2	25	75	100	30	40
				<b>SUBTOTAL</b>			30	23			

**MANONMANIAM SUNDARANAR UNIVERSITY**  
**TIRUNELVELI**  
**UG COURSES – AFFILIATED COLLEGES**  
**B.Com**  
(Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

<b>Sem.</b> <b>(1)</b>	<b>Pt.</b> <b>I/II/ III/ IV/V</b> <b>(2)</b>	<b>Sub.</b> <b>No.</b> <b>(3)</b>	<b>Subject</b> <b>Status</b> <b>(4)</b>	<b>Subject Title</b> <b>(5)</b>	<b>Contact</b> <b>Hrs/ Weeks</b> <b>(6)</b>	<b>C</b> <b>Credits</b> <b>(7)</b>
III	III	13	Core 5	Advanced Financial Accounting I	6	4
	III	14	Core 6	Business Statistics	5	4
	III	15	Core 7	Banking	5	4
	III	16	Core 8	Human Resource Management	5	4
	III	17	Allied III	Company Organisation	3	3
	IV	18	Non Major Elective 1 (Any one )	1. Introduction to Accountancy 2. Consumer Awareness	2	2
	III	19	Skill Based I - Core	Business Communication	4	4
	IV	20	Common	Yoga	2	2
				<b>Sub total</b>	<b>30*</b>	<b>25*</b>

**\*Excluding the hours and credit for Yoga.**

IV	III	21	Core 9	Advanced Financial Accounting - II	6	4
	III	22	Core 10	Business Mathematics	5	4
	III	23	Core 11	Capital Market	5	4
	III	24	Core 12	Import & Export Procedures	5	4
	III	25	Allied IV	Computer Applications in Business	3	3
	IV	26	Non Major Elective II (Any one )	1. Financial Accounting 2. Human Rights	2	2
	III	27	Skill Based II - Core	Entrepreneurship Development	4	4
	V	28	Extension Activity	NCC/ NSS/ YRC/ YWF	-	1
	IV	29	Common	Computer for Digital Era	2	2
				<b>Sub total</b>	<b>30*</b>	<b>26*</b>

**\*Excluding the hours and credit for Computer for Digital Era.**

**Manonmaniam Sundaranar University**  
**Tirunelveli**  
**Choice Based Credit System**  
**Course Structure for B.Com – Affiliated Colleges**  
**(For those who joined 2020-2021 onwards)**  
**II B.Com Semester - III**

Semester	Part I/II/ III/ IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
III	III	15	Major Core 5	Advanced Financial Accounting- I	6	4
	III	16	Major Core 6	Business Statistics	5	4
	III	17	Major Core 7	Banking	5	4
	III	18	Major Core 8	Human Resource Management	5	4
	III	19	Allied- III	Company Organisation	3	3
	IV	20	Non Major Elective I (Any one)	1. Introduction to Accountancy 2. Consumer Awareness	2	2
	III	21	Skill Based I – Core	Business Communication	4	4
	IV	22	Common	Yoga	2	2
				Sub Total	30*	25*

\* Excluding the hours and Credit for Yoga

II

**B.Com Semester - IV**

Semester	Part I/II/ III/ IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
IV	III	23	Major Core 9	Advanced Financial Accounting – II	6	4
	III	24	Major Core 10	Business Mathematics	5	4
	III	25	Major Core 11	Capital Market	5	4
	III	26	Major Core 12	Import & Export Procedures	5	4
	III	27	Allied- IV	Computer Applications in Business	3	3
	IV	28	Non Major Elective II (Any one)	1. Financial Accounting 2. Human Rights	2	2
	III	29	Skill Based II – Core	Entrepreneurship Development	4	4
	V	30	Extension Activity	NCC/NSS/YRC/YWF	-	1
	IV	31	Common	Computer for Digital Era	2	2
				Sub Total	30*	26*

\*Excluding the hours and Credit for Computer for Digital Era

**Manonmaniam Sundaranar University**  
**Tirunelveli**  
**Choice Based Credit System**  
**Course Structure for B.Com – Affiliated Colleges**  
**(With effect from the Academic Year 2021-2022 onwards)**  
**II B.Com Semester - III**

Semester	Part I/II/III/IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
III	III	15	Language	Tamil-III/Other Language	6	4
	III	16	Language	English-III	6	4
	III	17	Major Core 5	Advanced Financial Accounting	5	4
	III	18	Major Core 6	Banking Theory Law & Practice	4	4
	III	19	Allied- III	Computer Applications in Business	3	3
	IV	20	Non Major Elective I (Any one)	1. Introduction to Accountancy 2. Consumer Protection	2	2
	III	21	Skill Based I – Core	Business Communication	4	4
	IV	22	Common	Yoga	2	2
				Sub Total	30*	25*

\* Excluding the hours and Credit for Yoga

**II B.Com Semester - IV**

Semester	Part I/II/III/IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
IV	III	23	Language	Tamil-IV/Other Language	6	4
	III	24	Language	English-IV	6	4
	III	25	Major Core 7	Quantitative Techniques	5	4
	III	26	Major Core 8	Logistic Management	4	4
	III	27	Allied- IV	Application of Tally in Accounting	3	3
	IV	28	Non Major Elective II (Any one)	1. Financial Accounting 2. Human Rights	2	2
	III	29	Skill Based II – Core	Entrepreneurship Development	4	4
	V	30	Extension Activity	NCC/NSS/YRC/YWF	-	1
	IV	31	Common	Computer for Digital Era	2	2
				Sub Total	30*	26*

\*Excluding the hours and Credit for Computer for Digital Era

Sem.	Pt. I/ II/ III/ IV/V	Sub. No.	Subject Status	Subject Title	Hrs per week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
IV	III	19	Core - 8	ADVANCED FINANCIAL ACCOUNTING - II	6	4	25	75	100	30	40
	III	20	Core - 9	BUSINESS MATHEMATICS	6	4	25	75	100	30	40
	III	21	Major Elective-I (Any One)	(A). BUSINESS TAXATION	6	5	25	75	100	30	40
				(B). STOCK MARKET							
				(C). INVESTMENT MANAGEMENT							
				(D). OFFICE AUTOMATION (Theory- 4Hrs, *Practical – 2 Hrs) Internal : Theory- 20 marks Practical and Record Works-5marks							
	III	22	Allied-IV	COMPUTER APPLICATIONS IN BUSINESS	6	5	25	75	100	30	40
	IV	23	Skill Based -II (Any One)	(A) BUSINESS MODELS	4	4	25	75	100	30	40
(B). CAREER PLANNING											
(C). ENTREPRENEURSHIP DEVELOPMENT											
IV	24	Non – Major Elective –II (Any One)	(A). FINANCIAL ACCOUNTING	2	2	25	75	100	30	40	
			(B).HUMAN RIGHTS								
V		Extension Activity	NSS/NCC/YRC/YWF	-	1	-	-	-	-	-	
		SUBTOTAL			30	25					

**\*There is no external examination for practical**

**MANONMANIAM SUNDARANAR UNIVERSITY**  
**TIRUNELVELI**  
 UG COURSES – AFFILIATED COLLEGES

**B.A. English**

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

(45<sup>th</sup> SCAA meeting held on 09.02.2017)

Sem.	Part I/II/ III/IV	Sub. No	Subject Status	SUBJECT TITLE	Hrs./ Week	Cre- dits	Marks				
							Maximum			Passing Minimum	
							Int.	Ext.	Tot	Ext.	Tot.
III	I	13	Language	TAMIL/OTHER LANGUAGE	6	3	25	75	100	30	40
	II	14	Language	ENGLISH	6	3	25	7	100	30	40
	III	15	Core- 5	BRITISH POETRY	6	5	25	5	100	30	40
	III	16	Allied - III	HISTORY OF ENGLISH LITERATURE-I	6	5	25	75	100	30	40
	IV	17	Skilled Based Subject -I	PHONETICS AND SPOKEN ENGLISH	4	4	25	75	100	30	40
	IV	18	Non- Major Elective -I	ENGLISH FOR EMPLOYABILITY	2	2	25	75	100	30	40
	SUB TOTAL					30	22				
IV	I	19	Language	TAMIL/OTHER LANGUAGE	6	3	25	75	100	30	40
	II	20	Language	ENGLISH	6	3	25	7	100	30	40
	III	21	Core- 6	BRITISH DRAMA	6	5	25	5	100	30	40
	III	22	Allied - IV	HISTORY OF ENGLISH LITERATURE-II	6	5	25	75	100	30	40
	IV	23	Skilled-Based Subject-II	ECO ENGLISH	4	4	25	75	100	30	40
	IV	24	Non Major Elective-II	BUSINESS COMMUNICATION	2	2	25	75	100	30	40
	V	-	Extension Activity	NCC, NSS, YRC, YWF		1					
SUBTOTAL					30	23					

**MANONMANIAM SUNDARANAR UNIVERSITY**  
**TIRUNELVELI**  
 UG COURSES – AFFILIATED COLLEGES

**B.A. English**

(Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

Sem	Part I/II/ III/IV	Sub. No	Subject Status	SUBJECT TITLE	Hrs/ Week	Cre dits	Marks				
							Maximum			Passing Minimum	
							Int.	Ext.	Tot	Ext.	Tot.
III	I	1	Language	TAMIL/OTHER LANGUAGE	6	4	25	75	100	30	40
	II	2	Language	ENGLISH	6	4	25	75	100	30	40
	III	3	Core- 7	HISTORY OF ENGLISH LITERATURE-I	5	4	25	75	100	30	40
	III	4	Core - 8	BRITISH POETRY	4	4	25	75	100	30	40
	III	5	Allied – 3	CARIBBEAN LITERATURE	3	3	25	75	100	30	40
	III	6	Skilled-Based Core-1	PHONETICS AND SPOKEN ENGLISH	4	4	25	75	100	30	40
	IV	7	Non Major Elective - 1	ENGLISH FOR EMPLOYABILITY	2	2	25	75	100	30	40
	IV	8	Common	YOGA	2	2					
SUB TOTAL					30*	25*					

\* Excluding Yoga

**Manonmaniam Sundaranar University, Tirunelveli**

**UG Courses - Affiliated Colleges**

**B.A. English**

**(Choice Based Credit System)**

**(with effect from the academic year 2020 – 2021 onwards)**

<b>Sem.</b>	<b>Part I/II/III/IV</b>	<b>Sub. No.</b>	<b>Subject Status</b>	<b>Subject Title</b>	<b>Hrs.</b>	<b>Credits</b>
III	I	1	Language	Tamil / Other Language	6	4
	II	2	Language	English	6	4
	III	3	Core – 5	History of English Literature - I	5	4
	III	4	Core – 6	British Poetry	4	4
	III	5	Allied – 3	English Grammar and Usage	3	3
	III	6	Skilled-Based Core – 1	Phonetics and Spoken English	4	4
	IV	7	Non-Major Elective – 1	English for Employability	2	2
	IV	8	Common	Yoga	2	2
	<b>Sub. Total</b>					<b>30*</b>
<b>*Excluding Yoga</b>						
<b>Sem.</b>	<b>Part I/II/III/IV</b>	<b>Sub. No.</b>	<b>Subject Status</b>	<b>Subject Title</b>	<b>Hrs.</b>	<b>Credits</b>
IV	I	1	Language	Tamil / Other Language	6	4
	II	2	Language	English	6	4
	III	3	Core – 7	History of English Literature - II	5	4
	III	4	Core – 8	British Drama	4	4

**MANONMANIAM SUNDARANAR UNIVERSITY**  
**TIRUNELVELI**  
**UG COURSES – AFFILIATED COLLEGES**

**B.A. English**

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

Sem.	Pt. I/II/ III/ IV/V	Sub. No.	Subject status	Subject Title	Hrs. per week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
V	III	25	Core - 7	NON-FICTION	7	5	25	75	100	30	40
	III	26	Core - 8	LITERARY CRITICS AND APPROACHES	7	5	25	75	100	30	40
	III	27	Major Electives (select 2 courses out of 3)	A) CANADIAN LITERATURE	6	5	25	75	100	30	40
	III	28		B) JOURNALISM AND MASS COMMUNICATION	6	5	25	75	100	30	40
				C) WOMEN'S WRITING							
IV	29	Skilled Based subject (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40	
SUBTOTAL					30	24					

Sem	Part III/ IV	Sub. No	Subject Status	SUBJECT TITLE	Hrs/ week	Cre dits	Marks				
							Maximum			Passing Minimum	
							Int.	Ext	Tot	Ext.	Tot
V	III	1	Core - 11	NON-FICTION	5	4	25	75	100	30	40
	III	2	Core - 12	LITERARY CRITICS AND APPROACHES	5	4	25	75	100	30	40
	III	3	Core - 13	WORLD LITERATURE IN TRANSLATION	5	4	25	75	100	30	40
	III	4	Core - 14	CANADIAN LITERATURE	5	4	25	75	100	30	40
	III	5	Major Electives (select 2 courses out of 3)	WOMEN'S WRITING	4	4	25	75	100	30	40
	III	6		JOURNALISM AND MASS COMMUNICATION	+	+					
				CREATIVE WRITING IN ENGLISH	4	4					
	IV	7	Skilled-Based Subject-(Common)	PERSONALITY DEVELOPMENT / EFFECTIVE COMMUNICATION / YOUTH LEADERSHIP	2	2	25	75	100	30	40
SUB TOTAL					30	26					

	IV	7	Skill Based Subject (Common)	Personality Development / Effective Communication / Youth Leadership	2	2
<b>Sub. Total</b>					<b>30*</b>	<b>26</b>
<b>Sem.</b>	<b>Part I/II/III/IV</b>	<b>Sub. No.</b>	<b>Subject Status</b>	<b>Subject Title</b>	<b>Hrs.</b>	<b>Credits</b>
VI	III	1	Core – 13	Shakespeare	6	4
	III	2	Core – 14	Australasian Literature	6	4
	III	3	Core – 15	Short-stories and One-act Plays	5	4
	III	4	Core – 16	Regional Literature in Translation	5	4
	III	5	Major Electives (select 2 courses out of 3)	African Literature	4	4
				Writing for the Media	+	+
				Comparative Literature	4	4
<b>Sub. Total</b>					<b>30*</b>	<b>24</b>

**\*140 credits (excluding Part IV and Part V)**

SEMESTER III									
Part I / II/III/IV	Sub. No.	Subject Status	Subject Title	Hours	Credits	Internal	External	Total	Duration in hours
I	1	Language	Tamil / Other Language	6	4	25	75	100	3
II	2	Language	English – III	6	4	25	75	100	3
III	3	Core – 7	British Prose	4	4	25	75	100	3
III	4	Core – 8	Indian English Literature - I	4	4	25	75	100	3
III	5	Core - 9	American Literature – I	5	4	25	75	100	3
III	6	Allied – 3	African Literature	3	3	25	75	100	3
IV	7	Non-Major Elective – 1	English for Competitive Examinations	2	2	25	75	100	3
IV	8	Common	Yoga	2	2	-	-	-	-
<b>Sub. Total</b>				<b>30*</b>	<b>27</b>				

**\*Excluding Yoga**

SEMESTER IV									
Part I / II/III/IV	Sub. No.	Subject Status	Subject Title	Hours	Credits	Internal	External	Total	Duration in hours
I	1	Language	Tamil / Other Language	6	4	25	75	100	3
II	2	Language	English – IV	6	4	25	75	100	3
III	3	Core – 10	British Fiction	4	4	25	75	100	3
III	4	Core – 11	Indian English Literature - II	4	4	25	75	100	3
III	5	Core - 12	American Literature - II	5	4	25	75	100	3
III	6	Allied – 4	Language and Linguistics	3	3	25	75	100	3
IV	7	Non-Major Elective – 2	Content Writing	2	2	25	75	100	3
IV	8	Common	Computer for Digital Era	2	2	-	-	-	-
V	9	Extension Activity	NCC, NSS, YRC, YWF	-	1	-	-	-	-
<b>Sub. Total</b>				<b>30*</b>	<b>28</b>				

**\*Computer for Digital Era**

SEMESTER III									
Part I / II/III/IV	Sub. No.	Subject Status	Subject Title	Hours	Credits	Internal	External	Total	Duration in hours
I	1	Language	Tamil / Other Language	6	4	25	75	100	3
II	2	Language	English – III	6	4	25	75	100	3
III	3	Core – 7	British Prose	4	4	25	75	100	3
III	4	Core – 8	Indian English Literature - I	4	4	25	75	100	3
III	5	Core - 9	American Literature – I	5	4	25	75	100	3
III	6	Allied – 3	African Literature	3	3	25	75	100	3
IV	7	Non-Major Elective – 1	English for Competitive Examinations	2	2	25	75	100	3
IV	8	Common	Yoga	2	2	-	-	-	-
<b>Sub. Total</b>				<b>30*</b>	<b>27</b>				

**\*Excluding Yoga**

SEMESTER IV									
Part I / II/III/IV	Sub. No.	Subject Status	Subject Title	Hours	Credits	Internal	External	Total	Duration in hours
I	1	Language	Tamil / Other Language	6	4	25	75	100	3
II	2	Language	English – IV	6	4	25	75	100	3
III	3	Core – 10	British Fiction	4	4	25	75	100	3
III	4	Core – 11	Indian English Literature - II	4	4	25	75	100	3
III	5	Core - 12	American Literature - II	5	4	25	75	100	3
III	6	Allied – 4	Language and Linguistics	3	3	25	75	100	3
IV	7	Non-Major Elective – 2	Content Writing	2	2	25	75	100	3
IV	8	Common	Computer for Digital Era	2	2	-	-	-	-
V	9	Extension Activity	NCC, NSS, YRC, YWF	-	1	-	-	-	-
<b>Sub. Total</b>				<b>30*</b>	<b>28</b>				

**\*Computer for Digital Era**

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**B.Sc. Physics**

**(Choice Based Credit System)**

**(with effect from the academic year 2016-2017 onwards)**

**(44<sup>th</sup> SCAA meeting held on 30.05.2016)**

Sem.	Pt. I/II/ III/ IV/ V	Sub No.	Subject status	Subject Title	Hrs./ week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
III	I	17	Language	Tamil/Other Language	6	3	25	75	100	30	40
	II	18	Language	English	6	3	25	75	100	30	40
	III	19	Core - 5	ELECTRICITY AND MAGNETISM	4	4	25	75	100	30	40
		20	Practical – III	(Practical List enclosed) ( No examination in the third Semester)	2	-	50	50	100	20	40
		21	Allied -III	ALLIED PHYSICS – I	4	4	25	75	100	30	40
		22	Allied Practical-III ( No examination in the third Semester )	ALLIED PRACTICALS I & II/III & IV SEMESTERS)	2	-	50	50	100	20	40
	IV	23	Skilled Based subject-I	(A)MAINTANACE OF ELECTRICAL APPLICANCES (or) (B) ASTROPHYSICS	4	4	25	75	100	30	40
	IV	24	Non-Major Elective-I	(A)BASIC PHYSICS - I (OR) (B) ENERGY PHYSICS	2	2	25	75	100	30	40
Sub-total					30	20					

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES  
B.Sc. Physics**

**(Choice Based Credit System)**

**(With effect from the academic year 2017 -2018)**

<b>S e m e s t e r - I I I</b>	<b>Part I</b>	Tamil/Other Languages	6	4	3	25	75	100	30	40	
	<b>Part II</b>	English	6	4	3	25	75	100	30	40	
	<b>Part III</b>	<b>Core subjects</b> 5.Electricity		4	4	3	25	75	100	30	40
		Practical-III		2	1	3	50	50	100	20	40
		<b>Allied Subject-II</b> (for allied subjects with theory and practicals) 1.Theory- Paper-I		4	3	3	25	75	100	30	40
		2.Practicals-1		2	1	3	50	50	100	20	40
		<b>Allied Subject-II</b> (for allied subjects with theory alone) 1.Theory- Paper-I		6	3	3	25	75	100	30	40
		<b>Skill based subject</b> Any one a. Maintenance of Electrical appliances b. Astrophysics		4	4	3	25	75	100	30	40
		<b>Non-Major Elective</b> Paper-I		2	2	3	25	75	100	30	40
	<b>Part IV</b>	Common-Yoga *	2	2							
	<b>Total</b>		<b>30</b>	<b>23</b>							

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES  
B.Sc. Physics  
(Choice Based Credit System with effect from 2020 - 2021)**

(With effect from the academic year 2020-2021)

	Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
						Int	Ext	Total
<b>Semester - III</b>	Part I	Tamil / Other Languages	6	4	3	25	75	100
	Part II	English	6	4	3	25	75	100
	Part III	<u>Core subject</u> 3. Electricity	4	4	3	25	75	100
		Practical-III	2	2	3	50	50	100
		<u>Allied Subject-I</u> (for allied subjects With theory and practical) 1.Theory-Paper-I	4	3	3	25	75	100
		2.Practical-1	2	2	3	50	50	100
		<u>Skill based subject</u> (Any one) a. Maintenance of Electrical appliances b. Instrumentation Physics - I	4	4	3	25	75	100
		Part IV	<u>Non – Major Elective</u> (Any one) a. Basic Physics – I b. Applied Physics	2	2	3	25	75
		Common-Yoga*	2	2				
		<b>Total</b>	32	27				

**Semester – III**

Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
					Int	Ext	Total
Part I	Tamil / Other Languages	6	4	3	25	75	100
Part II	English	6	4	3	25	75	100
Part III	<u>Core subject</u> 3. Electricity & Electromagnetism	4	4	3	25	75	100
	Practical-III	2	2	3	50	50	100
	<u>Allied Subject-I</u> (for allied subjects With theory and practical) 1.Theory-Paper-I	4	3	3	25	75	100
	2.Practical-1	2	2	3	50	50	100
	<u>Skill based subject</u> (Any one) a. Maintenance of <u>Electrical appliances</u> b. Instrumentation Physics – I	4	4	3	25	75	100
	<u>Non – Major Elective</u> (Any one) a. Basic Physics – I b. Applied Physics	2	2	3	25	75	100
	Common-Yoga*	2	2				
	Total	32	27				

Sem.	Pt. I/II/ III/ IV/V	Sub. No.	Subject status	Subject Title	Hrs. / week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
IV	I	25	Language	Tamil/Other Language	6	3	25	75	100	30	40
	II	26	Language	English	6	3	25	75	100	30	40
	III	27	Core - 6	COMPUTER PROGRAMMING IN C++	4	4	25	75	100	30	40
		28	Major Practical- IV	PRACTICAL - II	2	2	50	50	100	20	40
		29	Allied -IV	ALLIED PHYSICS - II	4	4	25	75	100	30	40
		30	Allied Practical- IV	ALLIED PRACTICALS I & II/III & IV SEMESTERS)	2	2	50	50	100	20	40
	IV	31	Skill Based Subject -II	(A)MAINTANACE OF ELECTRONIC APPLIANCES  (or) (B)PHYSICS OF HUMAN ANATOMY	4	4	25	75	100	30	40
	IV	32	Non-Major Elective-II	(A)BASIC PHYSICS - II  (OR) (B) SPACE PHYSICS	2	2	25	75	100	30	40
	V		Extension Activity	NCC,NSS, YRC, YWF		1					
Subtotal					30	25					

Semester IV

Semester IV	Part I	Tamil/Other Languages	6	4	3	25	75	100	30	40	
	Part I	English	6	4	3	25	75	100	30	40	
	Part III	<b><u>Core subjects</u></b>		4	4	3	25	75	100	30	40
		6. Electromagnetism Practical-IV		2	1	3	50	50	100	20	40
		<b><u>Allied Subject-II</u></b> (for allied subjects with theory and practicals)		4	3	3	25	75	100	30	40
		1.Theory- Paper-II									
		2.Practicals-II		2	1	3	50	50	100	20	40
		<b><u>Allied Subject-II</u></b> (for allied subjects with theory alone)		6	3	3	25	75	100	30	40
		1.Theory- Paper-II									
	<b><u>Skill based subject</u></b> <b>Any one</b> a. Maintanance of Electronic appliances b. Physics of Human Anatomy		4	4	3	25	75	100	30	40	
	Part IV	<b>Non-Major Elective - Paper-II</b>		2	2	3	25	75	100	30	40
		Common-Computer for Digital Era *		2	2						
	Part V	<b>Extension activity</b>		-	1	-	-	-	-	-	-
		<b>Total</b>		<b>30</b>	<b>24</b>						

	Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
						Int	Ext	Total
<b>Semester – IV</b>	Part I	Tamil / Other Languages	6	4	3	25	75	100
	Part II	English	6	4	3	25	75	100
	Part III	<u>Core subject</u> 4. Electromagnetism	4	4	3	25	75	100
		Practical-IV	2	2	3	50	50	100
		<u>Allied Subject-II</u> (for allied subjects with theory and practical) 1.Theory-Paper-II	4	3	3	25	75	100
		2.Practical-II	2	2	3	50	50	100
		<u>Skill based subject</u> (Anyone) a. Maintenance of Electronic appliances b. Instrumentation Physics – II	4	4	3	25	75	100
		Part IV	<u>Non – Major Elective - Paper - II</u> (Any One) a. Basic Physics – II b. Space Physics	2	2	3	25	75
		Common - Computer For Digital Era*	2	2	-	-	-	-
	Part V	Extension activity	-	1	-	-	-	-
		Total	32	28				

## Semester – IV

Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
					Int	Ext	Total
Part I	Tamil / Other Languages	6	4	3	25	75	100
Part II	English	6	4	3	25	75	100
Part III	<u>Core subject</u> 4. Heat & Thermodynamics	4	4	3	25	75	100
	Practical-IV	2	2	3	50	50	100
	<u>Allied Subject-II</u> (for allied subjects with theory and practical) 1.Theory-Paper-II	4	3	3	25	75	100
	2.Practical-II	2	2	3	50	50	100
	<u>Skill based subject</u> (Anyone) a. Maintenance of Electronic appliances b. Instrumentation Physics – II	4	4	3	25	75	100
Part IV	<u>Non – Major Elective - Paper - II</u> (Any One) a. Basic Physics – II b. Space Physics	2	2	3	25	75	100
	Common - Computer For Digital Era*	2	2	-	-	-	-
Part V	Extension activity	-	1	-	-	-	-
	Total	32	28				

Sem.	Pt. I/II/ III/ IV/V	Sub. No.	Subject status	Subject Title	Hrs. / week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
IV	I	25	Language	Tamil/Other Language	6	3	25	75	100	30	40
	II	26	Language	English	6	3	25	75	100	30	40
	III	27	Core - 6	COMPUTER PROGRAMMING IN C++	4	4	25	75	100	30	40
		28	Major Practical- IV	PRACTICAL - II	2	2	50	50	100	20	40
		29	Allied -IV	ALLIED PHYSICS - II	4	4	25	75	100	30	40
		30	Allied Practical- IV	ALLIED PRACTICALS I & II/III & IV SEMESTERS)	2	2	50	50	100	20	40
	IV	31	Skill Based Subject -II	(A)MAINTANACE OF ELECTRONIC APPLIANCES (or) (B)PHYSICS OF HUMAN ANATOMY	4	4	25	75	100	30	40
	IV	32	Non-Major Elective-II	(A)BASIC PHYSICS - II (OR) (B) SPACE PHYSICS	2	2	25	75	100	30	40
	V		Extension Activity	NCC,NSS, YRC, YWF		1					
Subtotal					30	25					

<b>Semester IV</b>	<b>Part I</b>	Tamil/Other Languages	6	4	3	25	75	100	30	40	
	<b>Part I</b>	English	6	4	3	25	75	100	30	40	
	<b>Part III</b>	<b><u>Core subjects</u></b>		4	4	3	25	75	100	30	40
		6. Electromagnetism Practical-IV		2	1	3	50	50	100	20	40
		<b><u>Allied Subject-II</u></b> (for allied subjects with theory and practicals)		4	3	3	25	75	100	30	40
		1.Theory- Paper-II									
		2.Practicals-II		2	1	3	50	50	100	20	40
		<b><u>Allied Subject-II</u></b> (for allied subjects with theory alone)		6	3	3	25	75	100	30	40
		1.Theory- Paper-II									
	<b><u>Skill based subject</u></b> <b>Any one</b> a. Maintenance of Electronic appliances <b>b. Physics of Human Anatomy</b>		4	4	3	25	75	100	30	40	
	<b>Part IV</b>	<b>Non-Major Elective</b> - Paper-II		2	2	3	25	75	100	30	40
		Common-Computer for Digital Era *		2	2						
	<b>Part V</b>	<b>Extension activity</b>		-	1	-	-	-	-	-	-
		<b>Total</b>		<b>30</b>	<b>24</b>						

MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI  
PG - COURSES – AFFILIATED COLLEGES  
Course Structure for M. Com.  
(Choice Based Credit System)  
(With effect from the academic year 2017-2018 onwards)

Sem.	Sub. No.	Subject status	Subject Title	Contact Hrs./ Week	Credits
(1)	(2)	(4)	(4)	(5)	(6)
I	1	Core-1	Management Accounting	6	4
	2	Core-2	Advanced Business Statistics	6	4
	3	Core-3	Management Concepts and Organizational Behaviour	6	4
	4	Core-4	Office Automation	6	4
	5	Core-5	Modern Marketing Management	6	4
II	6	Core-6	Financial Management	6	4
	7	Core-7	Quantitative Techniques for Decision Making	6	4
	8	Core-8	Legal Frame work of business	5	4
	9	Core-9	Business Environment	5	4
	10	Core-10	Retail Management	4	4
	11	Elective - 1	Entrepreneurship Development	4	3

MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI  
PG - COURSES – AFFILIATED COLLEGES  
Course Structure for M. Com.  
(Choice Based Credit System)  
(With effect from the academic year 2017-2018 onwards)

Sem.	Sub. No.	Subject status	Subject Title	Contact Hrs./ Week	Credits
(1)	(2)	(4)	(4)	(5)	(6)
I	1	Core-1	Management Accounting	6	4
	2	Core-2	Advanced Business Statistics	6	4
	3	Core-3	Management Concepts and Organizational Behaviour	6	4
	4	Core-4	Office Automation	6	4
	5	Core-5	Modern Marketing Management	6	4
II	6	Core-6	Financial Management	6	4
	7	Core-7	Quantitative Techniques for Decision Making	6	4
	8	Core-8	Legal Frame work of business	5	4
	9	Core-9	Business Environment	5	4
	10	Core-10	Retail Management	4	4
	11	Elective - 1	Entrepreneurship Development	4	3

MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI  
PG - COURSES – AFFILIATED COLLEGES  
Course Structure for M. Com.  
(Choice Based Credit System)  
(With effect from the academic year 2017-2018 onwards)

Sem.	Sub. No.	Subject status	Subject Title	Contact Hrs./ Week	Credits
(1)	(2)	(4)	(4)	(5)	(6)
I	1	Core-1	Management Accounting	6	4
	2	Core-2	Advanced Business Statistics	6	4
	3	Core-3	Management Concepts and Organizational Behaviour	6	4
	4	Core-4	Office Automation	6	4
	5	Core-5	Modern Marketing Management	6	4
II	6	Core-6	Financial Management	6	4
	7	Core-7	Quantitative Techniques for Decision Making	6	4
	8	Core-8	Legal Frame work of business	5	4
	9	Core-9	Business Environment	5	4
	10	Core-10	Retail Management	4	4
	11	Elective - 1	Entrepreneurship Development	4	3

**MANONMANIAM SUNDARANAR UNIVERSITY**  
**TIRUNELVELI**  
**UG COURSES – AFFILIATED COLLEGES**

**B.A. English**

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

Sem.	Pt. I/II/ III/ IV/V	Sub. No.	Subject status	Subject Title	Hrs. per week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
V	III	25	Core - 7	NON-FICTION	7	5	25	75	100	30	40
	III	26	Core - 8	LITERARY CRITICS AND APPROACHES	7	5	25	75	100	30	40
	III	27	Major Electives (select 2 courses out of 3)	A) CANADIAN LITERATURE	6	5	25	75	100	30	40
	III	28		B) JOURNALISM AND MASS COMMUNICATION	6	5	25	75	100	30	40
				C) WOMEN'S WRITING							
IV	29	Skilled Based subject (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40	
SUBTOTAL					30	24					

Sem	Part III/ IV	Sub. No	Subject Status	SUBJECT TITLE	Hrs/ week	Cre dits	Marks				
							Maximum			Passing Minimum	
							Int.	Ext	Tot	Ext.	Tot
V	III	1	Core - 11	NON-FICTION	5	4	25	75	100	30	40
	III	2	Core - 12	LITERARY CRITICS AND APPROACHES	5	4	25	75	100	30	40
	III	3	Core - 13	WORLD LITERATURE IN TRANSLATION	5	4	25	75	100	30	40
	III	4	Core - 14	CANADIAN LITERATURE	5	4	25	75	100	30	40
	III	5	Major Electives (select 2 courses out of 3)	WOMEN'S WRITING	4	4	25	75	100	30	40
	III	6		JOURNALISM AND MASS COMMUNICATION	+	+					
				CREATIVE WRITING IN ENGLISH	4	4					
	IV	7	Skilled- Based Subject- (Common)	PERSONALITY DEVELOPMENT / EFFECTIVE COMMUNICATION / YOUTH LEADERSHIP	2	2	25	75	100	30	40
SUB TOTAL					30	26					

	III	5	Allied – 4	Chicano and Caribbean Literature	3	3
	III	6	Skilled-Based Core – 2	Eco English	4	4
	IV	7	Non-Major Elective – 2	Business English	2	2
	IV	8	Common	Computer for Digital Era	2	2
	V	9	Extension Activity	NCC, NSS, YRC, YWF	-	1
<b>Sub. Total</b>					<b>30*</b>	<b>25*</b>
<b>*Excluding Computer for Digital Era</b>						
<b>Sem.</b>	<b>Part I/II/III/IV</b>	<b>Sub. No.</b>	<b>Subject Status</b>	<b>Subject Title</b>	<b>Hrs.</b>	<b>Credits</b>
V	III	1	Core – 9	Non-Fiction	5	4
	III	2	Core – 10	Literary Critics and Approaches	5	4
	III	3	Core – 11	World Literature in Translation	5	4
	III	4	Core – 12	Canadian Literature	5	4
	III	5	Major Electives (select 2 courses out of 3)	Women's Writing	4	4
		6		Journalism and Mass Communication	+	+
				Creative Writing in English	4	4

Sem	Pt. I/ II/ III/ IV /V	Sub. / Ppr. No.	Subject status	Subject Title	Hrs. per week	Cre dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
VI	III	30	Core - 9	SHAKESPEARE	6	5	25	75	100	30	40
	III	31	Core - 10	SOUTH-ASIA LITERATURE IN ENGLISH	6	5	25	75	100	30	40
	III	32	Core - 11	SHORT-STORIES AND ONE-ACT PLAYS	6	5	25	75	100	30	40
	III	33	Core - 12	REGIONAL LITERATURE IN TRANSLATION	6	5	25	75	100	30	40
	III	34	Major Electives-III (Select 1 out of 2)	(A) AFRICAN LITERATURE	6	5	25	75	100	30	40
	(B) WRITING FOR THE MEDIA										
SUBTOTAL					30	25					

Sem	Part III/IV	Sub. No	Subject Status	SUBJECT TITLE	Hr We ek	Cre dits	Marks				
							Maximum			Passing Minimum	
							Int.	Ext.	Tot	Ext.	Tot.
VI	III	1	Core - 15	SHAKESPEARE	6	4	25	75	100	30	40
	III	2	Core - 16	SOUTH-ASIA LITERATURE IN ENGLISH	6	4	25	7	100	30	40
	III	3	Core - 17	SHORT-STORIES AND ONE-ACT PLAYS	5	4	25	75	100	30	40
	III	4	Core - 18	REGIONAL LITERATURE IN TRANSLATION	5	4	25	75	100	30	40
	IV	5	Major Electives (Select 2 out of 3)	AFRICAN LITERATURE	4	4	25	75	100	30	40
				WRITING FOR THE MEDIA	+	+					
COMPARATIVE LITERATURE				4	4						
SUB TOTAL					30	24					

	IV	7	Skill Based Subject (Common)	Personality Development / Effective Communication / Youth Leadership	2	2	
<b>Sub. Total</b>					<b>30*</b>	<b>26</b>	
<b>Sem.</b>	<b>Part I/II/III/IV</b>	<b>Sub. No.</b>	<b>Subject Status</b>	<b>Subject Title</b>	<b>Hrs.</b>	<b>Credits</b>	
VI	III	1	Core – 13	Shakespeare	6	4	
	III	2	Core – 14	Australasian Literature	6	4	
	III	3	Core – 15	Short-stories and One-act Plays	5	4	
	III	4	Core – 16	Regional Literature in Translation	5	4	
	III	5	6	Major Electives (select 2 courses out of 3)	African Literature	4	4
				Writing for the Media	+	+	
				Comparative Literature	4	4	
<b>Sub. Total</b>					<b>30*</b>	<b>24</b>	

**\*140 credits (excluding Part IV and Part V)**

Sem.	Pt. I/II/ III/ IV/V	Su b No.	Subject status	Subject Title	Hrs/ week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
IV	III	22	Core - 5	DATA STRUCTURES	6	4	25	75	100	30	40
		23	Major Practical - IV	DATA STRUCTURES LAB	6	5	50	50	100	20	40
		24	Major Elective-I (Select any one)	1. MULTIMEDIA APPLICATIONS / 2. EMBEDDED SYSTEM / 3. OPEN SOURCE TECHNOLOGIES	6	4	25	75	100	30	40
		25	Allied - IV	E-COMMERCE	4	4	25	75	100	30	40
		26	Practical - IV	SCRIPTING LANGUAGES	2	4	50	50	100	20	40
		IV	27	Skilled Based subject - II	PHP / XML	4 (1T+3P)	2	25	75	100	30
IV	28	Non Major Elective – II	(A) BASIC PROGRAMMING DESIGN (B)FUNDAMENTALS OF INTERNET	2	2	25	75	100	30	40	
V		Extension Activity	NCC,NSS, YRC, YWF		1						
			SUB- TOTAL		30	26					

	III	18	Allied -III	Scripting Languages	4	3
	III	19	Allied Practical - III	Scripting Languages	4	2
	III	20	Skill Based I Core	Fundamentals of Operating System	4	4
	IV	21	Non-Major Elective	1. Fundamentals of Internet 2. Basic Programming Design	2	2
	<b>Subtotal</b>				<b>30</b>	<b>22</b>
IV	III	22	Core	Computer Architecture	5	4
	III	23	Major Practical - IV	Data Structure	6	3
	III	24	Major Elective - I	1. Multimedia Applications 2. Embedded System 3. Open Source Technologies	5	4
	III	25	Allied -IV	E-Commerce	4	3
	III	26	Allied Practical - IV	PYTHON	4	2
	IV	27	Skill Based II Common	Personality Development & Yoga	4	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	1
<b>Subtotal</b>				<b>30</b>	<b>23</b>	
V	III	29	Core	Software Engineering and Testing	5	4
	III	30	Core	Data communication and Computer Network	5	4
	III	31	Core	Dot NET Technologies	5	4
	III	32	Major Practical - V	Dot NET	4	2
	III	33	Mini Project		4	4
	III	34	Major Elective - II	1. Mobile Computing 2. Cryptography 3. Cloud Computing	5	4
	III	35	Skill Based Common	Computers for Digital Era	2	2
	<b>Subtotal</b>				<b>30</b>	<b>24</b>
VI	III	36	Core	Operating Systems	4	4
	III	37	Core	Relational Database Management System	4	4
	III	38	Core	Computer Graphics and Visualization	4	4
	III	39	Core	Data Mining	4	4
	III	40	Major Practical -VII	Oracle	4	2
	III	41	Major Project		6	7
	III	42	Major Elective - III	1. Network Security 2. Big Data Analytics 3. Neural Networks	4	4
	<b>Subtotal</b>				<b>30</b>	<b>29</b>
	<b>Total credits</b>				<b>140</b>	

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**B.Sc . COMPUTER SCIENCE**

(Choice Based Credit System)

(with effect from the academic year 2020-2021 onwards)

Se m	Par t I/ II/ III/ IV/ V	Subject No.	Subject Status	Subject Title	Contact Hrs/ Week	L	T	P	Credits
<b>III</b>	III	15	Core	Java Programming	5	4	1	0	4
	III	16	Core	Digital Design	4	4	0	0	4
	III	17	Major Practical - III	Java Programming Lab	6	0	0	6	2
	III	18	Allied -III	Scripting Languages	4	4	0	0	3
	III	19	Allied Practical - II	Scripting Languages Lab	4	0	0	4	2
	III	20	Skill Based Core-I	Introduction to Big Data analytics	5	5	0	0	4
	IV	21	Non-Major Elective	1. Fundamentals of Internet and Emerging Technologies 2. Basic Programming Design	2	2	0	0	2
			Common	Yoga*	2	2	0	0	2
<b>Subtotal (excluding Yoga)</b>					<b>30</b>	<b>19</b>	<b>1</b>	<b>10</b>	<b>21</b>
<b>IV</b>	III	22	Core	Data Structures	5	4	1	0	4
	III	23	Core	Computer Architecture	5	5	0	0	4
	III	24	Major Practical - IV	Data Structure lab	5	0	0	5	2
	III	25	Allied -IV	Machine Learning	4	4	0	0	3
	IV	26	Allied Practicals	PYTHON	4	4	0	0	2

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

UG COURSES – AFFILIATED COLLEGE

**B.Sc., Computer Science**

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

(44<sup>th</sup> SCAA meeting held on 30.05.2016)

V	I	29	Core - 6	Software Engineering and Testing	4	4	25	75	100	30	40
	II	30	Core - 7	Data Communication and Computer Network	4	4	25	75	100	30	40
	III	31	Core - 8	Dot NET Technologies	4	4	25	75	100	30	40
		32	Major Practical -V	Dot NET	8	4	50	50	100	20	40
		33	Major Elective – II (Select any one )	A) Mobile Computing B)Cryptography and Network Security C) Cloud Computing	6	5	25	75	100	30	40
	IV	34	Skill Based subject (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40
				Subtotal	30	25					
VI	III	35	Core - 9	Operating System	4	4	25	75	100	30	40
	III	36	Core - 10	Relational Database Management System	4	4	25	75	100	30	40
	III	37	Core - 11	Computer Graphics and Visualization	4	4	25	75	100	30	40
	III	38	Core - 12	Data Mining	4	4	25	75	100	30	40
		39	Major Practical -VI	RDBMS with Oracle Lab	8	4	50	50	100	20	40
		40	Major Elective - III (Select any one )	Big Data Analytics / Artificial Neural Network/ <b>Internet of Things</b>	6	5	25	75	100	30	40
				Subtotal	30	25					

V	III	31	Core	Software Engineering and Testing	4	4	0	0	4
	III	32	Core	Data communication and Computer Network	4	4	0	0	4
	III	33	Core	Dot NET Technologies	4	4	0	0	4
	III	34	Major Practical - V	Dot NET ✓	4	0	0	4	2
	III	35	Major Practical - VI	Data Structures ✓	4	0	0	4	2
			Mini Project	✓	4	0	0	4	3
	III	36	Major Elective - II	1. Mobile Computing 2. Multimedia Applications 3. Cloud Computing	4	4	0		4
	III		Skill Based Common	Personality Development /Effective Communication / Youth Leadership	2	2	0	*	2
				<b>Subtotal</b>	<b>30</b>	<b>21</b>	<b>0</b>	<b>9</b>	<b>25</b>

	III	37	Core	Operating Systems	5	4	1	0	4
VI	III	38	Core	Computer Graphics and Visualization	4	4	0	0	4
	III	39	Core	Data Warehousing and Data Mining	4	4	0	0	4
	III	40	Major Practical - VII	Computer Graphics ✓	4	0	0	4	2
	III	41	Major Practical - VIII	Oracle ✓	4	0	0	4	2
	III	42	Major Practical - IX	Android Programming ✓	4	0	0	4	2
	III	43	Major Elective - III	1. Internet of Things 2. Big Data Analytics 3. Neural Networks	4	4	0	0	4
				<b>Subtotal</b>	<b>30</b>	<b>20</b>	<b>1</b>	<b>13</b>	<b>22</b>
							<b>Total</b>	<b>140**</b>	

	III	40	Major Practical - VII	Computer Graphics Lab	4	0	0	4	2
	III	42	Major Elective - II	1. Internet of Things(IoT) 2. Information Technology Service Management (ITSM) 3. Neural Networks	4	4	0	0	4
	III	41	Project	Digital Image Processing using SciLab/MathLab	4	0	0	4	4
<b>Subtotal</b>					<b>30</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>26</b>
<b>Total credits(including Yoga &amp; Computers for Digital Era)</b>									<b>141</b>

➤ L-Lecture T-Tutorial P-Practical

**Distribution of marks between External and Internal Assessment is**

For Theory 75 : 25

For Practical 50 : 50

**Internal Marks for Practical shall be allotted in the following manner**

**Continuous Assessment:**25 marks “N” number of practical’s being conducted based on the practical prescribed in the syllabus and the marks should be distributed equally for each practical.

**Test:** 25 marks Two tests should be conducted and average of tests be taken.

**Calculation of marks:** Sum of marks awarded to number of practicals + the average marks of two tests

**Total-50 marks**

	III	18	Allied -III	Scripting Languages	4	3
	III	19	Allied Practical - III	Scripting Languages	4	2
	III	20	Skill Based I Core	Fundamentals of Operating System	4	4
	IV	21	Non-Major Elective	1. Fundamentals of Internet 2. Basic Programming Design	2	2
	<b>Subtotal</b>				<b>30</b>	<b>22</b>
IV	III	22	Core	Computer Architecture	5	4
	III	23	Major Practical - IV	Data Structure	6	3
	III	24	Major Elective - I	1. Multimedia Applications 2. Embedded System 3. Open Source Technologies	5	4
	III	25	Allied -IV	E-Commerce	4	3
	III	26	Allied Practical - IV	PYTHON	4	2
	IV	27	Skill Based II Common	Personality Development & Yoga	4	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	1
<b>Subtotal</b>				<b>30</b>	<b>23</b>	
V	III	29	Core	Software Engineering and Testing	5	4
	III	30	Core	Data communication and Computer Network	5	4
	III	31	Core	Dot NET Technologies	5	4
	III	32	Major Practical - V	Dot NET	4	2
	III	33	Mini Project		4	4
	III	34	Major Elective - II	1. Mobile Computing 2. Cryptography 3. Cloud Computing	5	4
	III	35	Skill Based Common	Computers for Digital Era	2	2
	<b>Subtotal</b>				<b>30</b>	<b>24</b>
VI	III	36	Core	Operating Systems	4	4
	III	37	Core	Relational Database Management System	4	4
	III	38	Core	Computer Graphics and Visualization	4	4
	III	39	Core	Data Mining	4	4
	III	40	Major Practical -VII	Oracle	4	2
	III	41	Major Project		6	7
	III	42	Major Elective - III	1. Network Security 2. Big Data Analytics 3. Neural Networks	4	4
	<b>Subtotal</b>				<b>30</b>	<b>29</b>
	<b>Total credits</b>				<b>140</b>	

	III	27	Skill Based – Core II	Multimedia Applications	5	5	0	0	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2	0	0	2
			Common	Computers for Digital Era *	2	2	0	0	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	0	0	0	1
	<b>Subtotal (Excluding Computer for Digital Era)</b>				<b>30</b>	<b>24</b>	<b>1</b>	<b>5</b>	<b>23</b>
<b>V</b>	III	29	Core	Relational Database Management System	4	4	0	0	4
	III	30	Core	Data Communication and Computer Networks	5	5	0	0	4
	III	31	Core	PHP and mySQL	5	4	1	0	4
	III	32	Major Practical - V	PHP and mySQL Lab	4	0	0	4	2
	III	33	Major Practical - VI	Machine learning practicals	5	0	0	5	2
	III	34	Major Elective – I (Anyone)	1. Mobile application Development 2. Introduction to Security in Computing 3. Cloud Computing	5	5	0	0	4
	III	35	Skill Based Common	Personality Development/ Effective Communication/ Youth Development	2	2	0	*	2
	<b>Subtotal</b>				<b>30</b>	<b>20</b>	<b>1</b>	<b>9</b>	<b>22</b>
<b>VI</b>	III	36	Core	Operating System	5	5	0	0	4
	III	37	Core	Software Engineering and Testing	4	4	0	0	4
	III	38	Core	Computer Graphics and Visualization	5	4	1	0	4
	III	39	Core	Introduction to Digital Image Processing	4	4	0	0	4

	III	27	Skill Based – Core II	Multimedia Applications	5	5	0	0	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2	0	0	2
			Common	Computers for Digital Era *	2	2	0	0	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	0	0	0	1
	<b>Subtotal (Excluding Computer for Digital Era)</b>				<b>30</b>	<b>24</b>	<b>1</b>	<b>5</b>	<b>23</b>
<b>V</b>	III	29	Core	Relational Database Management System	4	4	0	0	4
	III	30	Core	Data Communication and Computer Networks	5	5	0	0	4
	III	31	Core	PHP and mySQL	5	4	1	0	4
	III	32	Major Practical - V	PHP and mySQL Lab	4	0	0	4	2
	III	33	Major Practical - VI	Machine learning practicals	5	0	0	5	2
	III	34	Major Elective – I (Anyone)	1. Mobile application Development 2. Introduction to Security in Computing 3. Cloud Computing	5	5	0	0	4
	III	35	Skill Based Common	Personality Development/ Effective Communication/ Youth Development	2	2	0	*	2
	<b>Subtotal</b>				<b>30</b>	<b>20</b>	<b>1</b>	<b>9</b>	<b>22</b>
<b>VI</b>	III	36	Core	Operating System	5	5	0	0	4
	III	37	Core	Software Engineering and Testing	4	4	0	0	4
	III	38	Core	Computer Graphics and Visualization	5	4	1	0	4
	III	39	Core	Introduction to Digital Image Processing	4	4	0	0	4

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(44<sup>th</sup> SCAA meeting held on 30.05.2016)

V	I	29	Core - 6	Software Engineering and Testing	4	4	25	75	100	30	40
	II	30	Core - 7	Data Communication and Computer Network	4	4	25	75	100	30	40
	III	31	Core - 8	Dot NET Technologies	4	4	25	75	100	30	40
		32	Major Practical -V	Dot NET	8	4	50	50	100	20	40
		33	Major Elective – II (Select any one )	A) Mobile Computing B)Cryptography and Network Security C) Cloud Computing	6	5	25	75	100	30	40
	IV	34	Skill Based subject (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40
				Subtotal	30	25					
VI	III	35	Core - 9	Operating System	4	4	25	75	100	30	40
	III	36	Core - 10	Relational Database Management System	4	4	25	75	100	30	40
	III	37	Core - 11	Computer Graphics and Visualization	4	4	25	75	100	30	40
	III	38	Core - 12	Data Mining	4	4	25	75	100	30	40
		39	Major Practical -VI	RDBMS with Oracle Lab	8	4	50	50	100	20	40
		40	Major Elective - III (Select any one )	Big Data Analytics / Artificial Neural Network/Internet of Things	6	5	25	75	100	30	40
				Subtotal	30	25					

	III	18	Allied -III	Scripting Languages	4	3
	III	19	Allied Practical - III	Scripting Languages	4	2
	III	20	Skill Based I Core	Fundamentals of Operating System	4	4
	IV	21	Non-Major Elective	1. Fundamentals of Internet 2. Basic Programming Design	2	2
	<b>Subtotal</b>				<b>30</b>	<b>22</b>
IV	III	22	Core	Computer Architecture	5	4
	III	23	Major Practical - IV	Data Structure	6	3
	III	24	Major Elective - I	1. Multimedia Applications 2. Embedded System 3. Open Source Technologies	5	4
	III	25	Allied -IV	E-Commerce	4	3
	III	26	Allied Practical - IV	PYTHON	4	2
	IV	27	Skill Based II Common	Personality Development & Yoga	4	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	1
<b>Subtotal</b>				<b>30</b>	<b>23</b>	
V	III	29	Core	Software Engineering and Testing	5	4
	III	30	Core	Data communication and Computer Network	5	4
	III	31	Core	Dot NET Technologies	5	4
	III	32	Major Practical - V	Dot NET	4	2
	III	33	Mini Project		4	4
	III	34	Major Elective - II	1. Mobile Computing 2. Cryptography 3. Cloud Computing	5	4
	III	35	Skill Based Common	Computers for Digital Era	2	2
	<b>Subtotal</b>				<b>30</b>	<b>24</b>
VI	III	36	Core	Operating Systems	4	4
	III	37	Core	Relational Database Management System	4	4
	III	38	Core	Computer Graphics and Visualization	4	4
	III	39	Core	Data Mining	4	4
	III	40	Major Practical -VII	Oracle	4	2
	III	41	Major Project		6	7
	III	42	Major Elective - III	1. Network Security 2. Big Data Analytics 3. Neural Networks	4	4
	<b>Subtotal</b>				<b>30</b>	<b>29</b>
	<b>Total credits</b>				<b>140</b>	

	III	27	Skill Based – Core II	Multimedia Applications	5	5	0	0	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2	0	0	2
			Common	Computers for Digital Era *	2	2	0	0	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	0	0	0	1
	<b>Subtotal (Excluding Computer for Digital Era)</b>				<b>30</b>	<b>24</b>	<b>1</b>	<b>5</b>	<b>23</b>
<b>V</b>	III	29	Core	Relational Database Management System	4	4	0	0	4
	III	30	Core	Data Communication and Computer Networks	5	5	0	0	4
	III	31	Core	PHP and mySQL	5	4	1	0	4
	III	32	Major Practical - V	PHP and mySQL Lab	4	0	0	4	2
	III	33	Major Practical - VI	Machine learning practicals	5	0	0	5	2
	III	34	Major Elective – I (Anyone)	1. Mobile application Development 2. Introduction to Security in Computing 3. Cloud Computing	5	5	0	0	4
	III	35	Skill Based Common	Personality Development/ Effective Communication/ Youth Development	2	2	0	*	2
	<b>Subtotal</b>				<b>30</b>	<b>20</b>	<b>1</b>	<b>9</b>	<b>22</b>
<b>VI</b>	III	36	Core	Operating System	5	5	0	0	4
	III	37	Core	Software Engineering and Testing	4	4	0	0	4
	III	38	Core	Computer Graphics and Visualization	5	4	1	0	4
	III	39	Core	Introduction to Digital Image Processing	4	4	0	0	4

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V	I	29	Core - 6	Software Engineering and Testing	4	4	25	75	100	30	40
	II	30	Core - 7	Data Communication and Computer Network	4	4	25	75	100	30	40
	III	31	Core - 8	Dot NET Technologies	4	4	25	75	100	30	40
		32	Major Practical -V	Dot NET	8	4	50	50	100	20	40
		33	Major Elective – II (Select any one )	A) Mobile Computing B)Cryptography and Network Security C) Cloud Computing	6	5	25	75	100	30	40
	IV	34	Skill Based subject (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40
				Subtotal	30	25					
VI	III	35	Core - 9	Operating System	4	4	25	75	100	30	40
	III	36	Core - 10	Relational Database Management System	4	4	25	75	100	30	40
	III	37	Core - 11	Computer Graphics and Visualization	4	4	25	75	100	30	40
	III	38	Core - 12	Data Mining	4	4	25	75	100	30	40
		39	Major Practical -VI	RDBMS with Oracle Lab	8	4	50	50	100	20	40
		40	Major Elective - III (Select any one )	Big Data Analytics / Artificial Neural Network/Internet of Things	6	5	25	75	100	30	40
				Subtotal	30	25					

	III	18	Allied -III	Scripting Languages	4	3
	III	19	Allied Practical - III	Scripting Languages	4	2
	III	20	Skill Based I Core	Fundamentals of Operating System	4	4
	IV	21	Non-Major Elective	1. Fundamentals of Internet 2. Basic Programming Design	2	2
	<b>Subtotal</b>				<b>30</b>	<b>22</b>
IV	III	22	Core	Computer Architecture	5	4
	III	23	Major Practical - IV	Data Structure	6	3
	III	24	Major Elective - I	1. Multimedia Applications 2. Embedded System 3. Open Source Technologies	5	4
	III	25	Allied -IV	E-Commerce	4	3
	III	26	Allied Practical - IV	PYTHON	4	2
	IV	27	Skill Based II Common	Personality Development & Yoga	4	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	1
<b>Subtotal</b>				<b>30</b>	<b>23</b>	
V	III	29	Core	Software Engineering and Testing	5	4
	III	30	Core	Data communication and Computer Network	5	4
	III	31	Core	Dot NET Technologies	5	4
	III	32	Major Practical - V	Dot NET	4	2
	III	33	Mini Project		4	4
	III	34	Major Elective - II	1. Mobile Computing 2. Cryptography 3. Cloud Computing	5	4
	III	35	Skill Based Common	Computers for Digital Era	2	2
	<b>Subtotal</b>				<b>30</b>	<b>24</b>
VI	III	36	Core	Operating Systems	4	4
	III	37	Core	Relational Database Management System	4	4
	III	38	Core	Computer Graphics and Visualization	4	4
	III	39	Core	Data Mining	4	4
	III	40	Major Practical -VII	Oracle	4	2
	III	41	Major Project		6	7
	III	42	Major Elective - III	1. Network Security 2. Big Data Analytics 3. Neural Networks	4	4
	<b>Subtotal</b>				<b>30</b>	<b>29</b>
<b>Total credits</b>				<b>30</b>	<b>140</b>	

	III	27	Skill Based – Core II	Multimedia Applications	5	5	0	0	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2	0	0	2
			Common	Computers for Digital Era *	2	2	0	0	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	0	0	0	1
	<b>Subtotal (Excluding Computer for Digital Era)</b>				<b>30</b>	<b>24</b>	<b>1</b>	<b>5</b>	<b>23</b>
<b>V</b>	III	29	Core	Relational Database Management System	4	4	0	0	4
	III	30	Core	Data Communication and Computer Networks	5	5	0	0	4
	III	31	Core	PHP and mySQL	5	4	1	0	4
	III	32	Major Practical - V	PHP and mySQL Lab	4	0	0	4	2
	III	33	Major Practical - VI	Machine learning practicals	5	0	0	5	2
	III	34	Major Elective – I (Anyone)	1. Mobile application Development 2. Introduction to Security in Computing 3. Cloud Computing	5	5	0	0	4
	III	35	Skill Based Common	Personality Development/ Effective Communication/ Youth Development	2	2	0	*	2
	<b>Subtotal</b>				<b>30</b>	<b>20</b>	<b>1</b>	<b>9</b>	<b>22</b>
<b>VI</b>	III	36	<b>Core</b>	<b>Operating System</b>	5	5	0	0	4
	III	37	Core	Software Engineering and Testing	4	4	0	0	4
	III	38	Core	Computer Graphics and Visualization	5	4	1	0	4
	III	39	Core	Introduction to Digital Image Processing	4	4	0	0	4

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V	I	29	Core - 6	Software Engineering and Testing	4	4	25	75	100	30	40
	II	30	Core - 7	Data Communication and Computer Network	4	4	25	75	100	30	40
	III	31	Core - 8	Dot NET Technologies	4	4	25	75	100	30	40
		32	Major Practical -V	Dot NET	8	4	50	50	100	20	40
		33	Major Elective – II (Select any one )	A) Mobile Computing B)Cryptography and Network Security C) Cloud Computing	6	5	25	75	100	30	40
	IV	34	Skill Based subject (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40
				Subtotal	30	25					
VI	III	35	Core - 9	Operating System	4	4	25	75	100	30	40
	III	36	Core - 10	Relational Database Management System	4	4	25	75	100	30	40
	III	37	Core - 11	Computer Graphics and Visualization	4	4	25	75	100	30	40
	III	38	Core - 12	Data Mining	4	4	25	75	100	30	40
		39	Major Practical -VI	RDBMS with Oracle Lab	8	4	50	50	100	20	40
		40	Major Elective - III (Select any one )	Big Data Analytics / Artificial Neural Network/Internet of Things	6	5	25	75	100	30	40
				Subtotal	30	25					

	III	18	Allied -III	Scripting Languages	4	3
	III	19	Allied Practical - III	Scripting Languages	4	2
	III	20	Skill Based I Core	Fundamentals of Operating System	4	4
	IV	21	Non-Major Elective	1. Fundamentals of Internet 2. Basic Programming Design	2	2
	<b>Subtotal</b>				<b>30</b>	<b>22</b>
IV	III	22	Core	Computer Architecture	5	4
	III	23	Major Practical - IV	Data Structure	6	3
	III	24	Major Elective - I	1. Multimedia Applications 2. Embedded System 3. Open Source Technologies	5	4
	III	25	Allied -IV	E-Commerce	4	3
	III	26	Allied Practical - IV	PYTHON	4	2
	IV	27	Skill Based II Common	Personality Development & Yoga	4	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	1
<b>Subtotal</b>				<b>30</b>	<b>23</b>	
V	III	29	Core	Software Engineering and Testing	5	4
	III	30	Core	Data communication and Computer Network	5	4
	III	31	Core	Dot NET Technologies	5	4
	III	32	Major Practical - V	Dot NET	4	2
	III	33	Mini Project		4	4
	III	34	Major Elective - II	1. Mobile Computing 2. Cryptography 3. Cloud Computing	5	4
	III	35	Skill Based Common	Computers for Digital Era	2	2
	<b>Subtotal</b>				<b>30</b>	<b>24</b>
VI	III	36	Core	Operating Systems	4	4
	III	37	Core	Relational Database Management System	4	4
	III	38	Core	Computer Graphics and Visualization	4	4
	III	39	Core	Data Mining	4	4
	III	40	Major Practical -VII	Oracle	4	2
	III	41	Major Project		6	7
	III	42	Major Elective - III	1. Network Security 2. Big Data Analytics 3. Neural Networks	4	4
	<b>Subtotal</b>				<b>30</b>	<b>29</b>
	<b>Total credits</b>				<b>140</b>	

	III	27	Skill Based – Core II	Multimedia Applications	5	5	0	0	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2	0	0	2
			Common	Computers for Digital Era *	2	2	0	0	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	0	0	0	1
	<b>Subtotal (Excluding Computer for Digital Era)</b>				<b>30</b>	<b>24</b>	<b>1</b>	<b>5</b>	<b>23</b>
<b>V</b>	III	29	Core	Relational Database Management System	4	4	0	0	4
	III	30	Core	Data Communication and Computer Networks	5	5	0	0	4
	III	31	Core	PHP and mySQL	5	4	1	0	4
	III	32	Major Practical - V	PHP and mySQL Lab	4	0	0	4	2
	III	33	Major Practical - VI	Machine learning practicals	5	0	0	5	2
	III	34	Major Elective – I (Anyone)	1. Mobile application Development 2. Introduction to Security in Computing 3. Cloud Computing	5	5	0	0	4
	III	35	Skill Based Common	Personality Development/ Effective Communication/ Youth Development	2	2	0	*	2
	<b>Subtotal</b>				<b>30</b>	<b>20</b>	<b>1</b>	<b>9</b>	<b>22</b>
<b>VI</b>	III	36	Core	Operating System	5	5	0	0	4
	III	37	Core	Software Engineering and Testing	4	4	0	0	4
	III	38	Core	Computer Graphics and Visualization	5	4	1	0	4
	III	39	Core	Introduction to Digital Image Processing	4	4	0	0	4

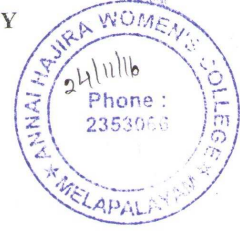
MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI

UG COURSES – AFFILIATED COLLEGES

B.Sc. Computer Science

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)



Sem.	Pt. I/II/III/IV	Sub. No.	Subject status	Subject Title	Hrs./week	Cre. dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
II	I	8	Language	TAMIL/OTHER LANGUAGE	6	3	25	75	100	30	40
	II	9	Language	ENGLISH	6	3	25	75	100	30	40
	III	10	Core - 3	OBJECT ORIENTED PROGRAMMING IN C++	6	4	25	75	100	30	40
	III	11	Major Practical - II	OBJECT ORIENTED PROGRAMMING WITH C++ - PRACTICAL LIST	4	4	25	75	100	30	40
	III	12	Allied - II	DIGITAL DESIGN	4	4	25	75	100	30	40
	III	13	Allied Practical-II	PRACTICAL LIST – COMPUTER BASIS	2	4	25	75	100	30	40
	IV	14	Common	VALUE BASED EDUCATION/ சமூக ஒழுக்கங்களும் பண்பாட்டு வீழுமியங்களும்/ SOCIAL HARMONY	2	2	25	75	100	30	40
Subtotal					30	24					

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

UG COURSES – AFFILIATED COLLEGES

**B.Sc COMPUTER SCIENCE**

(Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

Sem	Part I/ II/ III/ IV/V	Sub No.	Subject Status	Subject Title	Contact Hrs/ week	Credits
<b>I</b>	I	1	Language	Tamil/Other Language	6	4
	II	2	Language	English	6	4
	III	3	Core	Programming in C	5	4
	III	4	Major Practical - I	Programming in C	4	2
	III	5	<b>Allied - I</b> a) For the B.Sc.(CS) Programme	a)Discrete Mathematics	3	3
				b) For other U.G. Programme		
	III	6	<b>Allied Practical – I</b> a) For the B.Sc.(CS) Programmes	a) Computer Basics	4	2
				b) For other U.G. Programmes		
	IV	7	Common	Environmental Studies	2	2
<b>Subtotal</b>					<b>30</b>	<b>21</b>
<b>II</b>	I	8	Language	Tamil/Other Language	6	4
	II	9	Language	English	6	4
	III	10	Core	Programming in C++	5	4
	III	11	Major Practical - II	Programming in C++	4	2
	III	12	<b>Allied –II</b> a)For the B.Sc.(CS) Programmes	a)Digital Design	3	3
				b) For other U.G. Programmes		
	III	13	<b>Allied Practical – II</b> a)For the B.Sc.(CS) Programmes	a) Linux	4	2
				b) For other U.G. Programmes		
	IV	14	Common	Value Based Education	2	2
<b>Subtotal</b>					<b>30</b>	<b>21</b>
<b>III</b>	III	15	Core	Java Programming	5	4
	III	16	Core	Data Structures	5	4
	III	17	Major Practical - III	Java Programming	6	3

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**B.Sc . COMPUTER SCIENCE**

(Choice Based Credit System)

(with effect from the academic year 2020-2021 onwards)

Se m	Par t I/ II/ III/ IV/ V	Subject No.	Subject Status	Subject Title	Contact Hrs/ Week	L	T	P	Credits
<b>III</b>	III	15	Core	Java Programming	5	4	1	0	4
	III	16	Core	Digital Design	4	4	0	0	4
	III	17	Major Practical - III	Java Programming Lab	6	0	0	6	2
	III	18	Allied -III	Scripting Languages	4	4	0	0	3
	III	19	Allied Practical - II	Scripting Languages Lab	4	0	0	4	2
	III	20	Skill Based Core-I	Introduction to Big Data analytics	5	5	0	0	4
	IV	21	Non-Major Elective	1. Fundamentals of Internet and Emerging Technologies 2. Basic Programming Design	2	2	0	0	2
			Common	Yoga*	2	2	0	0	2
<b>Subtotal (excluding Yoga)</b>					<b>30</b>	<b>19</b>	<b>1</b>	<b>10</b>	<b>21</b>
<b>IV</b>	III	22	Core	Data Structures	5	4	1	0	4
	III	23	Core	Computer Architecture	5	5	0	0	4
	III	24	Major Practical - IV	Data Structure lab	5	0	0	5	2
	III	25	Allied -IV	Machine Learning	4	4	0	0	3
	IV	26	Allied Practicals	PYTHON	4	4	0	0	2

II	III	13	<b>Allied Practical – I</b> a) For the B.Sc.(CS) Programme	a) Linux	4	0	0	4	2
			b) For other U.G. Programme*	b) C Programming C programming lab Lab	4 2	4 0	0 0	0 2	3 2
	IV	14	Common	Value Based Education	2	2	0	0	2
<b>Subtotal</b>					<b>30</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>22</b>
III	I	15	Language	Tamil/Other Language	6	6	0	0	4
	II	16	Language	English	6	6	0	0	4
	III	17	Core-3	Java Programming	4	4	0	0	4
	III	18	Major Practical -3	Java Programming Lab	3	0	0	3	2
	III	19	Allied II	Scripting Languages	3	3	0	0	3
	III	20	Allied Practical - II	Scripting Languages Lab	2	0	0	2	2
	III	21	<b>Skill Based Core-I</b>	<b>Digital Design</b>	4	4	0	0	4
	IV	22	Non-Major Elective	1. Fundamentals of Internet and Emerging Technologies 2. Basic Programming Design	2	2	0	0	2
		23	Common	Yoga*	2	2	0	0	2
<b>Subtotal (excluding Yoga)</b>					<b>30</b>	<b>25</b>	<b>0</b>	<b>5</b>	<b>25</b>
IV	I	24	Language	Tamil/Other Language	6	6	0	0	4
	II	25	Language	English	6	6	0	0	4
	III	26	Core-4	Data Structures	4	4	0	0	4
	III	27	Major Practical - IV	Data Structures lab	3	0	0	3	2
	III	28	Allied -II	Machine Learning Techniques	3	3	0	0	3
	IV	29	Allied II Practicals	PYTHON	2	0	0	2	2
	III	30	Skill Based – Core II	Computer Architecture	4	4	0	0	4

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**B.Sc. Computer Science  
(Choice Based Credit System)**

**(with effect from the academic year 2016-2017 onwards)  
(44<sup>th</sup> SCAA meeting held on 30.05.2016)**

Sem.	Pt. I/II / III/ IV/ V	Sub No.	Subject status	Subject Title	Hrs/ week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
III	III	15	Core – 3	WEB TECHNOLOGY	6	4	25	75	100	30	40
		16	Core – 4	JAVA PROGRAMMING	6	4	25	75	100	30	40
		17	Major Practical – III	JAVA PROGRAMMING	6	4	50	50	100	20	40
		18	Allied - III	COMPUTER ARCHITECTURE	4	4	25	75	100	30	40
		19	Allied Practical – III	SCRIPTING LANGUAGES	2	2	50	50	100	20	40
	IV	20	Skilled Based Practical	PYTHON / SCILAB	4 (1T+ 3P)	<b>(Continue to the next Semester)</b>					
IV	21	Non-Major Elective - I	(A) INTRODUCTION TO COMPUTERS (OR) (B) PROGRAMMING IN C	2	2	25	75	100	30	40	
SUB- TOTAL					30	20					



**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES  
B.Sc Computer Scienc**

(Choice Based Credit System)  
(with effect from the academic year 2017-2018 onwards)

Sem	Part I/ II/ III/ IV/V	Sub No	Subject Status	Subject Title	Contact Hrs / week	L Hrs/ week	T Hrs/ week	P Hrs/ week	C Credits
III	III	15	Core	Java Programming	4	4	0	0	4
	III	16	Core	Computer Architecture	5	4	1	0	4
	III	17	Core	Data Structures	4	4	0	0	4
	III	18	Major Practical - III	Java Programming	4	0	0	4	2
	III	19	Allied -III	Web Technology	3	3	0	0	3
	III	20	Allied Practical - III	Web Design using HTML	4	0	0	4	2
	III	21	Skill Based I Core	Programming with PHP & MySQL	4	4	0	0	4
	IV	22	Non-Major Elective	1. Fundamentals of Internet 2. Basic Programming Design	2	2	0	0	2
	IV		Common - Yoga		2	2	0	0	2
<b>Subtotal (Excluding Yoga)</b>					<b>30</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>25</b>

IV	III	23	Core	Visual Basic	4	4	0	0	4
	III	24	Core	Information Security	4	4	0	0	4
	III	25	Core	Relational Database Management System	5	4	1	0	4
	III	26	Major Practical - IV	Visual Basic	4	0	0	4	2
	III	27	Allied -IV	E-Commerce	3	3	0	0	3
	III	28	Allied Practical - IV	PYTHON	4	0	0	4	2
	III	29	Skill Based II Core	Android Programming	4	4	0	0	4
	IV	30	Non-Major Elective	1. HTML 2. Programming in C	2	2	0	0	2
	IV		Skill Based Common	Computers for Digital Era	2	2	0	*	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	0	0	0	1
<b>Subtotal(Excluding Computers for Digital Era)</b>					<b>30</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>26</b>

**MANONMANIAM SUNDARANAR UNIVERSITY  
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**UG COURSES – AFFILIATED COLLEGES**

**B.Sc. Computer Science  
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**(with effect from the academic year 2016-2017 onwards)  
(44<sup>th</sup> SCAA meeting held on 30.05.2016)**

Sem.	Pt. I/II / III/ IV/ V	Sub No.	Subject status	Subject Title	Hrs/ week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
III	III	15	Core – 3	WEB TECHNOLOGY	6	4	25	75	100	30	40
		16	Core – 4	JAVA PROGRAMMING	6	4	25	75	100	30	40
		17	Major Practical – III	JAVA PROGRAMMING	6	4	50	50	100	20	40
		18	Allied - III	<b>COMPUTER ARCHITECTURE</b>	4	4	25	75	100	30	40
		19	Allied Practical – III	SCRIPTING LANGUAGES	2	2	50	50	100	20	40
IV	20	Skilled Based Practical	PYTHON / SCILAB	4 (1T+ 3P)	<b>(Continue to the next Semester)</b>						
IV	21	Non-Major Elective - I	(A) INTRODUCTION TO COMPUTERS (OR) (B) PROGRAMMING IN C	2	2	25	75	100	30	40	
SUB- TOTAL					30	20					

	III	18	Allied -III	Scripting Languages	4	3
	III	19	Allied Practical - III	Scripting Languages	4	2
	III	20	Skill Based I Core	Fundamentals of Operating System	4	4
	IV	21	Non-Major Elective	1. Fundamentals of Internet 2. Basic Programming Design	2	2
	<b>Subtotal</b>				<b>30</b>	<b>22</b>
IV	III	22	Core	Computer Architecture	5	4
	III	23	Major Practical - IV	Data Structure	6	3
	III	24	Major Elective - I	1. Multimedia Applications 2. Embedded System 3. Open Source Technologies	5	4
	III	25	Allied -IV	E-Commerce	4	3
	III	26	Allied Practical - IV	PYTHON	4	2
	IV	27	Skill Based II Common	Personality Development & Yoga	4	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	1
<b>Subtotal</b>				<b>30</b>	<b>23</b>	
V	III	29	Core	Software Engineering and Testing	5	4
	III	30	Core	Data communication and Computer Network	5	4
	III	31	Core	Dot NET Technologies	5	4
	III	32	Major Practical - V	Dot NET	4	2
	III	33	Mini Project		4	4
	III	34	Major Elective - II	1. Mobile Computing 2. Cryptography 3. Cloud Computing	5	4
	III	35	Skill Based Common	Computers for Digital Era	2	2
<b>Subtotal</b>				<b>30</b>	<b>24</b>	
VI	III	36	Core	Operating Systems	4	4
	III	37	Core	Relational Database Management System	4	4
	III	38	Core	Computer Graphics and Visualization	4	4
	III	39	Core	Data Mining	4	4
	III	40	Major Practical -VII	Oracle	4	2
	III	41	Major Project		6	7
	III	42	Major Elective - III	1. Network Security 2. Big Data Analytics 3. Neural Networks	4	4
	<b>Subtotal</b>				<b>30</b>	<b>29</b>
<b>Total credits</b>				<b>30</b>	<b>140</b>	

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**B.Sc . COMPUTER SCIENCE**

(Choice Based Credit System)

(with effect from the academic year 2020-2021 onwards)

Se m	Par t I/ II/ III/ IV/ V	Subject No.	Subject Status	Subject Title	Contact Hrs/ Week	L	T	P	Credits
<b>III</b>	III	15	Core	Java Programming	5	4	1	0	4
	III	16	Core	Digital Design	4	4	0	0	4
	III	17	Major Practical - III	Java Programming Lab	6	0	0	6	2
	III	18	Allied -III	Scripting Languages	4	4	0	0	3
	III	19	Allied Practical - II	Scripting Languages Lab	4	0	0	4	2
	III	20	Skill Based Core-I	Introduction to Big Data analytics	5	5	0	0	4
	IV	21	Non-Major Elective	1. Fundamentals of Internet and Emerging Technologies 2. Basic Programming Design	2	2	0	0	2
			Common	Yoga*	2	2	0	0	2
<b>Subtotal (excluding Yoga)</b>					<b>30</b>	<b>19</b>	<b>1</b>	<b>10</b>	<b>21</b>
<b>IV</b>	III	22	Core	Data Structures	5	4	1	0	4
	III	23	<b>Core</b>	<b>Computer Architecture</b>	5	5	0	0	4
	III	24	Major Practical - IV	Data Structure lab	5	0	0	5	2
	III	25	Allied -IV	Machine Learning	4	4	0	0	3
	IV	26	Allied Practicals	PYTHON	4	4	0	0	2

II	III	13	<b>Allied Practical – I</b> a) For the B.Sc.(CS) Programme	a) Linux	4	0	0	4	2
			b) For other U.G. Programme*	b) C Programming C programming lab Lab	4 2	4 0	0 0	0 2	3 2
	IV	14	Common	Value Based Education	2	2	0	0	2
<b>Subtotal</b>					<b>30</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>22</b>
III	I	15	Language	Tamil/Other Language	6	6	0	0	4
	II	16	Language	English	6	6	0	0	4
	III	17	Core-3	Java Programming	4	4	0	0	4
	III	18	Major Practical -3	Java Programming Lab	3	0	0	3	2
	III	19	Allied II	Scripting Languages	3	3	0	0	3
	III	20	Allied Practical - II	Scripting Languages Lab	2	0	0	2	2
	III	21	Skill Based Core-I	Digital Design	4	4	0	0	4
	IV	22	Non-Major Elective	1. Fundamentals of Internet and Emerging Technologies 2. Basic Programming Design	2	2	0	0	2
		23	Common	Yoga*	2	2	0	0	2
<b>Subtotal (excluding Yoga)</b>					<b>30</b>	<b>25</b>	<b>0</b>	<b>5</b>	<b>25</b>
IV	I	24	Language	Tamil/Other Language	6	6	0	0	4
	II	25	Language	English	6	6	0	0	4
	III	26	Core-4	Data Structures	4	4	0	0	4
	III	27	Major Practical - IV	Data Structures lab	3	0	0	3	2
	III	28	Allied -II	Machine Learning Techniques	3	3	0	0	3
	IV	29	Allied II Practicals	PYTHON	2	0	0	2	2
	III	30	<b>Skill Based – Core II</b>	<b>Computer Architecture</b>	4	4	0	0	4

Sem.	Pt. I/II/III/IV/V	Su b No.	Subject status	Subject Title	Hrs/ week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
IV	III	22	Core - 5	DATA STRUCTURES	6	4	25	75	100	30	40
		23	Major Practical - IV	DATA STRUCTURES LAB	6	5	50	50	100	20	40
		24	Major Elective-I (Select any one)	1. MULTIMEDIA APPLICATIONS / 2. EMBEDDED SYSTEM / 3. OPEN SOURCE TECHNOLOGIES	6	4	25	75	100	30	40
		25	Allied - IV	E-COMMERCE	4	4	25	75	100	30	40
		26	Practical - IV	SCRIPTING LANGUAGES	2	4	50	50	100	20	40
		IV	27	Skilled Based subject - II	PHP / XML	4 (1T+ 3P)	2	25	75	100	30
IV	28	Non Major Elective – II	(A) BASIC PROGRAMMING DESIGN (B) FUNDAMENTALS OF INTERNET	2	2	25	75	100	30	40	
V		Extension Activity	NCC, NSS, YRC, YWF		1						
		SUB- TOTAL			30	26					

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

UG COURSES – AFFILIATED COLLEGE

**B.Sc., Computer Science**

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

(44<sup>th</sup> SCAA meeting held on 30.05.2016)

V	I	29	Core - 6	Software Engineering and Testing	4	4	25	75	100	30	40
	II	30	Core - 7	Data Communication and Computer Network	4	4	25	75	100	30	40
	III	31	Core - 8	Dot NET Technologies	4	4	25	75	100	30	40
		32	Major Practical -V	Dot NET	8	4	50	50	100	20	40
		33	Major Elective - II (Select any one )	A) Mobile Computing B)Cryptography and Network Security C) Cloud Computing	6	5	25	75	100	30	40
	IV	34	Skill Based subject (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40
				Subtotal	30	25					
VI	III	35	Core - 9	Operating System	4	4	25	75	100	30	40
	III	36	Core - 10	Relational Database Management System	4	4	25	75	100	30	40
	III	37	Core - 11	Computer Graphics and Visualization	4	4	25	75	100	30	40
	III	38	Core - 12	Data Mining	4	4	25	75	100	30	40
		39	Major Practical -VI	RDBMS with Oracle Lab	8	4	50	50	100	20	40
		40	Major Elective - III (Select any one )	Big Data Analytics / Artificial Neural Network/Internet of Things	6	5	25	75	100	30	40
				Subtotal	30	25					

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

UG COURSES – AFFILIATED COLLEGE

**B.Sc., Computer Science**

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

(44<sup>th</sup> SCAA meeting held on 30.05.2016)

V	I	29	Core - 6	Software Engineering and Testing	4	4	25	75	100	30	40
	II	30	Core - 7	Data Communication and Computer Network	4	4	25	75	100	30	40
	III	31	Core - 8	Dot NET Technologies	4	4	25	75	100	30	40
		32	Major Practical -V	Dot NET	8	4	50	50	100	20	40
		33	Major Elective – II (Select any one )	A) Mobile Computing B)Cryptography and Network Security C) Cloud Computing	6	5	25	75	100	30	40
	IV	34	Skill Based subject (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40
				Subtotal	30	25					
VI	III	35	Core - 9	Operating System	4	4	25	75	100	30	40
	III	36	Core - 10	Relational Database Management System	4	4	25	75	100	30	40
	III	37	Core - 11	Computer Graphics and Visualization	4	4	25	75	100	30	40
	III	38	Core - 12	Data Mining	4	4	25	75	100	30	40
		39	Major Practical -VI	RDBMS with Oracle Lab	8	4	50	50	100	20	40
		40	Major Elective - III (Select any one )	Big Data Analytics / Artificial Neural Network/Internet of Things	6	5	25	75	100	30	40
				Subtotal	30	25					

V	III	31	Core	Software Engineering and Testing	4	4	0	0	4
	III	32	Core	Data communication and Computer Network	4	4	0	0	4
	III	33	Core	Dot NET Technologies	4	4	0	0	4
	III	34	Major Practical - V	Dot NET ✓	4	0	0	4	2
	III	35	Major Practical - VI	Data Structures ✓	4	0	0	4	2
			Mini Project	✓	4	0	0	4	3
	III	36	Major Elective - II	1. Mobile Computing 2. Multimedia Applications 3. Cloud Computing	4	4	0		4
	III		Skill Based Common	Personality Development /Effective Communication / Youth Leadership	2	2	0	*	2
				<b>Subtotal</b>	<b>30</b>	<b>21</b>	<b>0</b>	<b>9</b>	<b>25</b>

	III	37	Core	Operating Systems	5	4	1	0	4
VI	III	38	Core	Computer Graphics and Visualization	4	4	0	0	4
	III	39	Core	Data Warehousing and Data Mining	4	4	0	0	4
	III	40	Major Practical - VII	Computer Graphics ✓	4	0	0	4	2
	III	41	Major Practical - VIII	Oracle ✓	4	0	0	4	2
	III	42	Major Practical - IX	Android Programming ✓	4	0	0	4	2
	III	43	Major Elective - III	1. Internet of Things 2. Big Data Analytics 3. Neural Networks	4	4	0	0	4
				<b>Subtotal</b>	<b>30</b>	<b>20</b>	<b>1</b>	<b>13</b>	<b>22</b>
							<b>Total</b>	<b>140**</b>	



**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES  
B.Sc Computer Scienc**

(Choice Based Credit System)  
(with effect from the academic year 2017-2018 onwards)

Sem	Part I/ II/ III/ IV/V	Sub No	Subject Status	Subject Title	Contact Hrs / week	L Hrs/ week	T Hrs/ week	P Hrs/ week	C Credits
III	III	15	Core	Java Programming	4	4	0	0	4
	III	16	Core	Computer Architecture	5	4	1	0	4
	III	17	Core	Data Structures	4	4	0	0	4
	III	18	Major Practical - III	Java Programming	4	0	0	4	2
	III	19	Allied -III	Web Technology	3	3	0	0	3
	III	20	Allied Practical - III	Web Design using HTML	4	0	0	4	2
	III	21	Skill Based I Core	Programming with PHP & MySQL	4	4	0	0	4
	IV	22	Non-Major Elective	1. Fundamentals of Internet 2. Basic Programming Design	2	2	0	0	2
	IV		Common - Yoga		2	2	0	0	2
<b>Subtotal (Excluding Yoga)</b>					<b>30</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>25</b>

IV	III	23	Core	Visual Basic	4	4	0	0	4
	III	24	Core	Information Security	4	4	0	0	4
	III	25	Core	Relational Database Management System	5	4	1	0	4
	III	26	Major Practical - IV	Visual Basic	4	0	0	4	2
	III	27	Allied -IV	E-Commerce	3	3	0	0	3
	III	28	Allied Practical - IV	PYTHON	4	0	0	4	2
	III	29	Skill Based II Core	Android Programming	4	4	0	0	4
	IV	30	Non-Major Elective	1. HTML 2. Programming in C	2	2	0	0	2
	IV		Skill Based Common	Computers for Digital Era	2	2	0	*	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	0	0	0	1
<b>Subtotal(Excluding Computers for Digital Era)</b>					<b>30</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>26</b>



**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES  
B.Sc Computer Scienc**

(Choice Based Credit System)  
(with effect from the academic year 2017-2018 onwards)

Sem	Part I/ II/ III/ IV/V	Sub No	Subject Status	Subject Title	Contact Hrs / week	L Hrs/ week	T Hrs/ week	P Hrs/ week	C Credits
III	III	15	Core	Java Programming	4	4	0	0	4
	III	16	Core	Computer Architecture	5	4	1	0	4
	III	17	Core	Data Structures	4	4	0	0	4
	III	18	Major Practical - III	Java Programming	4	0	0	4	2
	III	19	Allied -III	Web Technology	3	3	0	0	3
	III	20	Allied Practical - III	Web Design using HTML	4	0	0	4	2
	III	21	Skill Based I Core	Programming with PHP & MySQL	4	4	0	0	4
	IV	22	Non-Major Elective	1. Fundamentals of Internet 2. Basic Programming Design	2	2	0	0	2
	IV		Common - Yoga		2	2	0	0	2
<b>Subtotal (Excluding Yoga)</b>					<b>30</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>25</b>

IV	III	23	Core	Visual Basic	4	4	0	0	4
	III	24	Core	Information Security	4	4	0	0	4
	III	25	Core	Relational Database Management System	5	4	1	0	4
	III	26	Major Practical - IV	Visual Basic	4	0	0	4	2
	III	27	Allied -IV	E-Commerce	3	3	0	0	3
	III	28	Allied Practical - IV	PYTHON	4	0	0	4	2
	III	29	Skill Based II Core	Android Programming	4	4	0	0	4
	IV	30	Non-Major Elective	1. HTML 2. Programming in C	2	2	0	0	2
	IV		Skill Based Common	Computers for Digital Era	2	2	0	*	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	0	0	0	1
<b>Subtotal(Excluding Computers for Digital Era)</b>					<b>30</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>26</b>

**MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**B.Sc . COMPUTER SCIENCE**

(Choice Based Credit System)

(with effect from the academic year 2020-2021 onwards)

Se m	Par t I/ II/ III/ IV/ V	Subject No.	Subject Status	Subject Title	Contact Hrs/ Week	L	T	P	Credits
<b>III</b>	III	15	Core	Java Programming	5	4	1	0	4
	III	16	Core	Digital Design	4	4	0	0	4
	III	17	Major Practical - III	Java Programming Lab	6	0	0	6	2
	III	18	Allied -III	Scripting Languages	4	4	0	0	3
	III	19	Allied Practical - II	Scripting Languages Lab	4	0	0	4	2
	III	20	<b>Skill Based Core-I</b>	<b>Introduction to Big Data analytics</b>	5	5	0	0	4
	IV	21	Non-Major Elective	1. Fundamentals of Internet and Emerging Technologies 2. Basic Programming Design	2	2	0	0	2
			Common	Yoga*	2	2	0	0	2
<b>Subtotal (excluding Yoga)</b>					<b>30</b>	<b>19</b>	<b>1</b>	<b>10</b>	<b>21</b>
<b>IV</b>	III	22	Core	Data Structures	5	4	1	0	4
	III	23	Core	Computer Architecture	5	5	0	0	4
	III	24	Major Practical - IV	Data Structure lab	5	0	0	5	2
	III	25	Allied -IV	Machine Learning	4	4	0	0	3
	IV	26	Allied Practicals	PYTHON	4	4	0	0	2

	III	27	Skill Based – Core II	Multimedia Applications	5	5	0	0	4
	IV	28	Non-Major Elective	1. HTML 2. Programming in C	2	2	0	0	2
			Common	Computers for Digital Era *	2	2	0	0	2
	V		Extension Activity	NCC, NSS, YRC, YWF	0	0	0	0	1
	<b>Subtotal (Excluding Computer for Digital Era)</b>				<b>30</b>	<b>24</b>	<b>1</b>	<b>5</b>	<b>23</b>
<b>V</b>	III	29	Core	Relational Database Management System	4	4	0	0	4
	III	30	Core	Data Communication and Computer Networks	5	5	0	0	4
	III	31	Core	PHP and mySQL	5	4	1	0	4
	III	32	Major Practical - V	PHP and mySQL Lab	4	0	0	4	2
	III	33	Major Practical - VI	Machine learning practicals	5	0	0	5	2
	III	34	Major Elective – I (Anyone)	1. Mobile application Development 2. Introduction to Security in Computing 3. Cloud Computing	5	5	0	0	4
	III	35	Skill Based Common	Personality Development/ Effective Communication/ Youth Development	2	2	0	*	2
	<b>Subtotal</b>				<b>30</b>	<b>20</b>	<b>1</b>	<b>9</b>	<b>22</b>
<b>VI</b>	III	36	Core	Operating System	5	5	0	0	4
	III	37	Core	Software Engineering and Testing	4	4	0	0	4
	III	38	Core	Computer Graphics and Visualization	5	4	1	0	4
	III	39	Core	Introduction to Digital Image Processing	4	4	0	0	4

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES**

**B.Sc. Physics**

**(Choice Based Credit System)**

**(with effect from the academic year 2016-2017 onwards)**

**(44<sup>th</sup> SCAA meeting held on 30.05.2016)**

Sem.	Pt. I/II/ III/ IV/ V	Sub No.	Subject status	Subject Title	Hrs./ week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
III	I	17	Language	Tamil/Other Language	6	3	25	75	100	30	40
	II	18	Language	English	6	3	25	75	100	30	40
	III	19	Core - 5	ELECTRICITY AND MAGNETISM	4	4	25	75	100	30	40
		20	Practical – III	(Practical List enclosed) ( No examination in the third Semester)	2	-	50	50	100	20	40
		21	Allied -III	ALLIED PHYSICS – I	4	4	25	75	100	30	40
		22	Allied Practical-III ( No examination in the third Semester )	ALLIED PRACTICALS I & II/III & IV SEMESTERS)	2	-	50	50	100	20	40
	IV	23	<b>Skilled Based subject-I</b>	(A)MAINTANACE OF ELECTRICAL APPLICANCES (or) <b>(B) ASTROPHYSICS</b>	4	4	25	75	100	30	40
	IV	24	Non-Major Elective-I	(A)BASIC PHYSICS - I (OR) (B) ENERGY PHYSICS	2	2	25	75	100	30	40
Sub-total					30	20					

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**UG COURSES – AFFILIATED COLLEGES  
B.Sc. Physics**

**(Choice Based Credit System)**

**(With effect from the academic year 2017 -2018)**

<b>S e m e s t e r - I I I</b>	<b>Part I</b>	Tamil/Other Languages	6	4	3	25	75	100	30	40	
	<b>Part II</b>	English	6	4	3	25	75	100	30	40	
	<b>Part III</b>	<b>Core subjects</b> 5.Electricity		4	4	3	25	75	100	30	40
		Practical-III		2	1	3	50	50	100	20	40
		<b>Allied Subject-II</b> (for allied subjects with theory and practicals) 1.Theory- Paper-I		4	3	3	25	75	100	30	40
		2.Practicals-1		2	1	3	50	50	100	20	40
		<b>Allied Subject-II</b> (for allied subjects with theory alone) 1.Theory- Paper-I		6	3	3	25	75	100	30	40
		<b>Skill based subject</b> Any one a. Maintenance of Electrical appliances <b>b. Astrophysics</b>		4	4	3	25	75	100	30	40
		<b>Non-Major Elective</b> Paper-I		2	2	3	25	75	100	30	40
	<b>Part IV</b>	Common-Yoga *	2	2							
	<b>Total</b>		<b>30</b>	<b>23</b>							

	Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
						Int	Ext	Total
<b>Semester – V</b>	Part III	<u>Core subject</u> 5.Basic Electronics	6	4	3	25	75	100
		6. Spectroscopy	5	4	3	25	75	100
		7.Atomic and Nuclear Physics	6	4	3	25	75	100
		<u>Major Elective</u> (any one) a.Programming in C++ b.Communication Electronics	5	4	3	25	75	100
		Practical – V - General Practical	3	3	3	50	50	100
		Practical-VI Electronics	3	3	3	50	50	100
	Part IV	<u>Skill based subject</u> (Common) Personality development / Effective Communication / Youth Leadership	2	2	3	25	75	100
		Total	30	24				
<b>Semester – VI</b>		<u>Core Subject</u> 9. Quantum Mechanics	5	4	3	25	75	100
		10. Digital Electronics	5	4	3	25	75	100
		11. Solid State Physics	5	4	3	25	75	100
		<u>Major Elective</u> (any one) a.Energy Physics b.Medical Physics	5	4	3	25	75	100
		Project	4	4	3	50	50	100
		Practical-VII General Practical	3	3	3	50	50	100
		Practical-VIII Electronics	3	3	3	50	50	100
		Total	30	26				

	Subject Part	Subject Title	Contact Hr / Week	Credit	Exam Hrs	Marks		
						Int	Ext	Total
<b>Semester V</b>	Part III	<u>Core subject</u> 5.Basic Electronics	6	4	3	25	75	100
		6. Spectroscopy	5	4	3	25	75	100
		7.Atomic and Nuclear Physics	6	4	3	25	75	100
		<u>Major Elective</u> (any one) a.Programming in C++ b.Communication Electronics	5	4	3	25	75	100
		Practical – V - General Practical	3	3	3	50	50	100
		Practical-VI Electronics	3	3	3	50	50	100
	Part IV	<u>Skill based subject</u> (Common) Personality development / Effective Communication / Youth Leadership	2	2	3	25	75	100
		Total	30	24				
<b>Semester VI</b>	Subject Part	<u>Core Subject</u> 9. Quantum Mechanics	5	4	3	25	75	100
		10. Digital Electronics	5	4	3	25	75	100
		11. Solid State Physics	5	4	3	25	75	100
		<u>Major Elective</u> (any one) a.Energy Physics b.Medical Physics	5	4	3	25	75	100
		Project	4	4	3	50	50	100
		Practical-VII General Practical	3	3	3	50	50	100
		Practical-VIII Electronics	3	3	3	50	50	100
		Total	30	26				

**MANONMANIAM SUNDARANAR UNIVERSITY**  
**TIRUNELVELI**  
**UG COURSES – AFFILIATED COLLEGES**

**B.A. English**

(Choice Based Credit System)

(with effect from the academic year 2016-2017 onwards)

Sem.	Pt. I/II/ III/ IV/V	Sub. No.	Subject status	Subject Title	Hrs. per week	Cre- dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
V	III	25	Core - 7	NON-FICTION	7	5	25	75	100	30	40
	III	26	Core - 8	LITERARY CRITICS AND APPROACHES	7	5	25	75	100	30	40
	III	27	Major Electives (select 2 courses out of 3)	A) CANADIAN LITERATURE	6	5	25	75	100	30	40
	III	28		B) JOURNALISM AND MASS COMMUNICATION	6	5	25	75	100	30	40
				C) WOMEN'S WRITING							
IV	29	Skilled Based subject (Common)	Personality Development/ Effective Communication/ Youth Leadership	4	4	25	75	100	30	40	
SUBTOTAL					30	24					

Sem	Part III/ IV	Sub. No	Subject Status	SUBJECT TITLE	Hrs/ week	Cre dits	Marks				
							Maximum			Passing Minimum	
							Int.	Ext	Tot	Ext.	Tot
V	III	1	Core - 11	NON-FICTION	5	4	25	75	100	30	40
	III	2	Core - 12	LITERARY CRITICS AND APPROACHES	5	4	25	75	100	30	40
	III	3	Core - 13	WORLD LITERATURE IN TRANSLATION	5	4	25	75	100	30	40
	III	4	Core - 14	CANADIAN LITERATURE	5	4	25	75	100	30	40
	III	5	Major Electives (select 2 courses out of 3)	WOMEN'S WRITING	4	4	25	75	100	30	40
	III	6		JOURNALISM AND MASS COMMUNICATION	+	+					
				CREATIVE WRITING IN ENGLISH	4	4					
	IV	7	Skilled-Based Subject-(Common)	PERSONALITY DEVELOPMENT / EFFECTIVE COMMUNICATION / YOUTH LEADERSHIP	2	2	25	75	100	30	40
SUB TOTAL					30	26					

	III	5	Allied – 4	Chicano and Caribbean Literature	3	3
	III	6	Skilled-Based Core – 2	Eco English	4	4
	IV	7	Non-Major Elective – 2	Business English	2	2
	IV	8	Common	Computer for Digital Era	2	2
	V	9	Extension Activity	NCC, NSS, YRC, YWF	-	1
<b>Sub. Total</b>					<b>30*</b>	<b>25*</b>
<b>*Excluding Computer for Digital Era</b>						

Sem.	Part I/II/III/IV	Sub. No.	Subject Status	Subject Title	Hrs.	Credits
V	III	1	Core – 9	Non-Fiction	5	4
	III	2	Core – 10	Literary Critics and Approaches	5	4
	III	3	Core – 11	World Literature in Translation	5	4
	III	4	Core – 12	Canadian Literature	5	4
	III	5	Major Electives (select 2 courses out of 3)	Women's Writing	4	4
				Journalism and Mass Communication		
				Creative Writing in English	4	4

  
**PRINCIPAL**  
**ANNAI HAJIRA WOMEN'S COLLEGE**  
**MELAPALAYAM - 627 005.**