

DEPARTMENT OF B. VOC. (HEALTH CARE)

GUIDELINES AND COURSE REGULATIONS (2022 - 2025)

Introduction

Jayaraj Annapackiam College for Women Periyakulam, was conferred Autonomous Status in Oct. 2004 since then it has been following Choice Based Credit System. It was accredited at “A+” Grade (4th Cycle) by NAAC in May 2021 with 3.46 as CGPA. As per the UGC guidelines of B. Voc and Mother Teresa Women’s University, the College has structured the Choice Based Credit System (CBCS) in view of the vision and mission of the Institution. The course regulations of the current formation of syllabi are given below:

Objectives of B. Voc

- To provide judicious mix of skills relating to a profession and appropriate content of General Education.
- To ensure that the students have adequate knowledge and skills.
- To provide flexibility to the students by means of pre-defined entry and multiple exit points.
- To provide vertical mobility to students coming out of 10+2 with vocational subjects.
- To provide vertical mobility to student with qualitatively framed professional course syllabus.

Credit System

Weightage to a Course/Paper is given in relation to the teaching hours assigned and the amount of time invested by the students to learn the course. Generally, one contact hour per week has one credit and one credit would mean equivalent of 15 periods of 60 minutes each, for theory, workshop/labs and tutorials. In conformity with the UGC guidelines of B.voc given... Students should earn a minimum of 180 credits for an Undergraduate Degree programme.

Academic Programmes

The college follows the semester pattern requiring three years of study for a bachelor’s degree.

1. UNDERGRADUATE PROGRAMME

Program	UGC FUND
B.Voc Degree	Health care
	Beauty wellness
Total	2

2. COURSE PATTERN: (B. VOC DEGREE PROGRAMME)

PART-I	Tamil
PART-II	English
PART- III	Major Core
	Allied Core
	Internship Training
PART-IV	General paper
	Ability Enhancement course
PART-V	Self Study Paper

3. THE CREDIT BREAK-UP TABLE FOR B.VOC

3.1. Core Courses

A core course is either a major core or an allied core, totally related to major subject.

3.2. Self Study Paper

The students appear for the semester examinations on Self Study Papers on their own efforts without undergoing any regular classes, but the syllabus and course Materials are supplied by the department concerned. It has only external examination for 100 marks.

3.3. Ability Enhancement courses

“Computer” is offered to all students in I-IV semester as for ability enhancement.

3.4. Value Education*

This course is offered in the first semester of UG Degree Programme.

3.5. Environmental Studies*

A paper on Environmental Studies is offered to all the second year UG Students in the third semester.

* It has CIA only.

3.6. Testing and Evaluation (B.Voc)

Evaluation of students is based on both Continuous Internal Assessment (CIA) and the Semester Examination (SE) held at the end of each Semester. The distribution of marks is indicated below:

Course	CIA	Semester Examination
Theory	40%	60%
Practical	50%	50%
EVS &VE	100%	-----
Project	50%	50%

3.7. CIA for Foundation Course (Value Education)

The Value Education Course has no external Semester Examination. Every student has to undergo one course under Value Education. The course is evaluated as shown below and the credit is awarded at the end of the first semester.

Components	Marks
Mid Semester	30
End Semester	30
Case Study Report	20
Book/Film Review	20
Total	100

3.8. CIA for Environmental Studies

The components of internal assessment for **Environmental Studies** are as follows:

Components	Marks
Test I	40
Test II	40
Environment Trip Report	10
Assignment	10
Total	100

3.9. CIA for Foundation Course (Office Automation)

Components	Marks
Practical Test -1	30
Practical Test - 2	30
Component 1 (Quiz)	10
Component 2 (Lab Attendance)	10
Component 3 (Lab performance)	10
Component 4 (Lab Record)	10
Total	100

3.10. CIA for Foundation Course (Life Scoping)

The Value Education Course has no external Semester Examination. Every student has to undergo one course under Value Education. The course is evaluated as shown below and the credit is awarded at the end of the first semester.

Components	Marks
Mid Semester	30
End Semester	30
Component 1 (Seminar)	10
Component 2 (Quiz)	10
Component 3 (Assignment)	10
Component 4 (Attendance)	10
Total	100

3.11. Continuous Internal Assessment (Theory)

Continuous Assessment will be carried out by the Course Teachers. The components of CIA are as follows:

Components	Marks
Test -I	30
Test -II	30
Seminar/Quiz	10
Assignment	5
Attendance	5
Total	80

The total internal marks obtained for 80 will be converted into 40 marks.

INTERNSHIP

Internal marks	External marks
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Performance	40	Record	10
Attendance	10	Viva voce	40
Total	50	Total	50

A student has to complete 60 hours / semester to earn 2 credits for the internship. 60 hours could be adjusted on non-working days / holidays. At the end of 60 hours, they have to submit a report and attend Viva voce.

3.12. Re-tests of CIA

There is no minimum mark for continuous assessment. There will be no provision for additional tests on grounds of poor performance. However, students, who are unable to take tests as they have to participate in college sponsored activities during the test days, would be permitted to complete the course requirements before the commencement of the Semester Examinations, provided they have obtained a written permission from the principal, stating clearly the reason for the absence, a week before the commencement of Retest schedule. A student who could not get the minimum pass mark in the aggregate of CIA and semester exams due to very low marks in CIA, shall be given a chance to take up CIA improvement exam, provided the student has appeared twice for the external exam in the particular paper and failed.

3.13. Duration of the Course

The total duration of the B.Voc. Programme will be of three Years. This period will be considered from the date of the allotment of Permanent Registration number.

3.14. Subject Code (B.Voc)

- The following Code system (maximum of 9 Characters) is adopted for UG Program.
- The year of revision (two digits indicating the year of revision of Syllabus)
- The Discipline name (two letters indicating the Department)
- The Semester number (1 or 2 or 3 or 4 or 5 or 6)
- Specification of nature of paper (two letters indicating the specification)
 - a. Major core MC
 - b. Allied Core AC
 - c. Core Practical CP
 - d. General Studies GS
 - e. Ability Enhancement Courses AE
(Computer)

(The Courses namely Value Education and sociology, Environmental studies and life scoping come under Common Courses).

4. The Composition of Code

Year of Revision (2 Characters)	Department Code (2 Characters)	Semester No. (1 Character)	Specification of Nature of Paper (2 Characters)	Running Number of Paper (2 characters)
XX	XX	X	XX	XX

4.1. Department Code

S. No.	Department	Two letters Indicating Department
1.	B.Voc	
	a. Health Care	HC
	b. Beauty Wellness	BW

a. B.Voc (Health Care):

S. NO	TITLE PAPER	CODE
1.	Tamil - I - ,e;jpa %ypiffs;	22HC1GT01
2.	Language through Literature - I	22HC1GE01
3.	Nursing Foundation - I	22HC1MC01
4.	Nursing Foundation - I - Lab	22HC1CP01
5.	Anatomy and Physiology - I	22HC1AC01
6.	Life Coping Skills	22HC1GS01
7.	Office Automation	22HC1AE01
8.	Tamil - II - goe;jkpopy; mwptpay;	22HC2GT02
9.	Language through Literature - II	22HC2GE02
10.	Nursing Foundation - II	22HC2MC02
11.	Nursing Foundation - II - Lab	22HC2CP02
12.	Anatomy and Physiology - II	22HC2AC02
13.	Internship	22HC2IP01
14.	Value Education	22HC2GS02
15.	Internet Technology	22HC2AE02
16.	Tamil - III - Rw;Wyhtpay;	22HC3GT03
17.	Language through Literature - III	22HC3GE03
18.	Medical Nursing - I	22HC3MC03
19.	Medical Nursing - I - Lab	22HC3CP03
20.	Maternity Child Health	22HC3AC03
21.	Environmental Studies	22HC3GS03

22.	Data Analysis using Excel	22HC3AE03
23.	Tamil - IV - ehl;Lg;Gwtpay;	22HC4GT04
24.	English for Communication	22HC4GE04
25.	Medical Nursing - II	22HC4MC04
26.	Medical Nursing - II - Lab	22HC4CP04
27.	Mental Health Nursing	22HC4AC04
28.	Internship	22HC4IP02
29.	Medical IoT	22HC4AE04
30.	Child Health Nursing - I	22HC5MC05
31.	Community Health Nursing - I	22HC5MC06
32.	Child Health Nursing - I - Lab	22HC5CP05
33.	Nutrition - I	22HC5GS04
34.	Basics of Accounting	22HC5GS05
35.	Sociology	22HC5GS06
36.	Self Study - Clinical lab technology - I	22HC5SS01
37.	Child Health Nursing - II	22HC6MC07
38.	Community Health Nursing - II	22HC6MC08
39.	Child Health Nursing - II - Lab	22HC6CP06
40.	Internship	22HC6IP03
41.	Geriatric Nursing	22HC6GS07
42.	Nutrition - II	22HC6GS08
43.	Business Communication	22HC6GS09
44.	Self Study - Yoga and Rhythmic Activity	22HC6SS02

4.2. Overall Performance

The GPA (Grade Point Average) is calculated as below.

$$\text{GPA} = \frac{\text{Sum of the multiplication of Grade Points by the Credits of the Courses}}{\text{Sum of the Credits of the Courses in a Semester}}$$

The Cumulative Grade Point Average (CGPA) is calculated as below:

$$\text{CGPA} = \frac{\text{Sum of the multiplication of Grade Points by the Credits of the entire Programme}}{\text{Sum of the Credits of the Courses of the entire Programme}}$$

5. The Scheme of Awarding Grade

Range of Percentage of OPM	Grade Points	Letter Grade	Description
90-100	9.0-10.0	O	Outstanding
80-90	8.0 - 8.9	D+	Excellent
75-79	7.5-7.9	D	Distinction
70-74	7.0-7.4	A+	Very Good
60-69	6.0-6.9	A	Good
50-59	5.0-5.9	B	Average
40-49	4.0-4.9	C	Satisfactory
00-39	0.0	U	Re-Appeal
Absent	0.0	AAA	ABSENT

5.1. Declaration of Result (B.Voc)

Ms. _____ has successfully completed Undergraduate Programme in_____.
The student's Overall Performance is

PART	GPA	Grade	Grade Legend
I			
II			
III			
IV			
V			

and has earned the mandatory minimum 180 Credits.

DEPARTMENT OF B.VOC. (HEALTH CARE)

PROGRAMME OUTCOMES - B.Voc.

PO. NO.	UPON COMPLETION OF THIS PROGRAMME THE STUDENTS WILL BE ABLE TO
1.	Think critically, evaluate analytically and apply the acquired Knowledge of their discipline in related scenario.
2.	Formulate hypothesis, design experiments, use appropriate tools and interpret the results.
3.	Demonstrate the precise understanding of the principles and theories of their discipline through experiments.
4.	Enhance the communicative skills and gain confidence to disseminate knowledge through oral/verbal communications effectively at various situations.
5.	Identify the different roles in an organizational structure of the work place and carry out multiple roles in social responsibilities.
6.	Increase self-awareness, set and pursue meaningful goals, and develop positive personal qualities.

PROGRAM SPECIFIC OUTCOMES - B.Voc.

PSO	UPON COMPLETION OF THIS PROGRAMME THE STUDENTS WILL BE ABLE TO	PO MAPPED
PSO-1	Able to handle the patients Individually with hospitality. Apply critical & theoretical approaches to the nursing intervention in the hospital & community setup.	PO -1 PO -2 PO -3
PSO-2	Process & Apply knowledge of medical disorders and preventive Manage the children with behavioral problems provide Pre & Post operative Care.	PO - 1 PO - 2 PO - 3
PSO-3	Acquire the basics fundamentals domain knowledge for developing effective computing solutions.	PO - 1 PO - 2
PSO-4	Inculcate the values of life like personal, social and mental and thereby make them a good personality who copes with the issues of life .	PO - 1 PO - 4
PSO-5	Acquire the basics fundamentals domain knowledge for developing effecting computing solution and cultivate communicative competency and writing skills required in job market.	PO - 5 PO - 6

B.VOC (HEALTH CARE)

COURSE PATTERN (2022 - 2025)

Sem.	Part	Code	Title of the Paper	Hours	Credits
I	I	22HC1GT01	Tamil - I - ,e;jpa %ypiffs;	2	2
	II	22HC1GE01	Language through Literature - I	2	2
	III	22HC1MC01	Nursing Foundation - I	4	4
	III	22HC1CP01	Nursing Foundation - I - Lab	14	14
	III	22HC1AC01	Anatomy and Physiology - I	2	2
	IV	22HC1GS01	Life Coping Skills	2	2
		22HC1AE01	Office Automation	4	4
			TOTAL	30	30
II	I	22HC2GT02	Tamil - II - goe;jkpopy; mwptpay;	2	2
	II	22HC2GE02	Language through Literature - II	2	2
	III	22HC2MC02	Nursing Foundation - II	6	6
	III	22HC2CP02	Nursing Foundation - II - Lab	12	10
	III	22HC2AC02	Anatomy and Physiology - II	3	3
	III	22HC2IP01	Internship	-	2
	IV	22HC2GS02	Value Education	2	2
		22HC2AE02	Internet Technology	3	3
			TOTAL	30	30
III	I	22HC3GT03	Tamil - III - Rw;Wyhtpay;	2	2
	II	22HC3GE03	Language through Literature - III	2	2
	III	22HC3MC03	Medical Nursing - I	4	4
	III	22HC3CP03	Medical Nursing - I - Lab	14	14
	III	22HC3AC03	Maternity Child Health	3	3
	IV	22HC3GS03	Environmental Studies	2	2
		22HC3AE03	Data Analysis using Excel	3	3
			TOTAL	30	30

IV	I	22HC4GT04	Tamil - IV - ehl;lg;Gwtpay;	2	2
	II	22HC4GE04	English for Communication	2	2
	III	22HC4MC04	Medical Nursing - II	6	6
	III	22HC4CP04	Medical Nursing - II - Lab	12	10
	III	22HC4AC04	Mental Health Nursing	4	4
	III	22HC4IP02	Internship	-	2
	IV	22HC4AE04	Medical IoT	4	4
			TOTAL	30	30
V	III	22HC5MC05	Child Health Nursing - I	4	4
	III	22HC5MC06	Community Health Nursing - I	4	4
	III	22HC5CP05	Child Health Nursing - I - Lab	10	10
	IV	22HC5GS04	Nutrition - I	5	4
		22HC5GS05	Basics of Accounting	4	4
		22HC5GS06	Sociology	3	2
		22HC5SS01	Self Study - Clinical lab technology - I	-	2
			TOTAL	30	30
	III	22HC6MC07	Child Health Nursing - II	4	4
VI	III	22HC6MC08	Community Health Nursing - II	4	4
	III	22HC6CP06	Child Health Nursing - II -Lab	10	8
	III	22HC6IP03	Internship	-	2
	IV	22HC6GS07	Geriatric Nursing	4	4
		22HC6GS08	Nutrition - II	5	3
		22HC6GS09	Business Communication	3	3
		22HC6SS02	Self Study - Yoga and Rhythmic Activity	-	2
			TOTAL	30	30

PATTERN OF EVALUATION

For this Course there will be Continuous Internal Assessment (CIA) and Semester Examination (SE). The weight age ratio is

Paper	Internal marks	External marks	Total marks
Theory	40	60	100
Practical	50	50	100

CIA Components:

Theory marks			Practical marks		
Test - I	:	30	Lab Work	:	20
Test - II	:	30	Record	:	10
Seminar / Quiz	:	10	Test / Viva	:	15
Assignment	:	5	Attendance		5
Attendance		5			
Total	:	80*	Total	:	50

Internship

Internal marks		External marks	
Performance	40	Record	10
Attendance	10	Viva voce	40
Total	50	Total	50

A student has to complete 60 hours / semester to earn 2 credits for the internship. 60 hours could be adjusted on non-working days / holidays. At the end of 60 hours they have to submit a report and attend Viva voce.

Pass Criteria:

Theory - 40% (Internal & External)

Practical Lab - 40% (Internal & External)

INTERNAL QUESTION PATTERN

Time: 2 Hours

Maximum Marks: 30

PART A

- I. Answer **ANY FIVE** out of Eight Questions (5 X 2 = 10)

PART B

- II. Answer **ANY THREE** out of Six Questions. (3 X 4 = 12)

PART C

- III. Answer the following **ANY ONE** out of Three Questions. (1 X 8 = 8)

ENVIRONMENTAL STUDIES – 22HC3GS03

INTERNAL QUESTION PATTERN

Time: 2 Hours

Maximum Marks: 40

PART A

- I. Answer **ALL THE** out of Eight Questions (10 X 1 = 10)

PART B

- II. Answer **ANY FOUR** out of Six Questions. (4 X 5 = 20)

PART C

- III. Answer the following **ANY ONE** out of Three Questions. (1X10=10)

EXTERNAL QUESTION PATTERN

Time: 3 Hours

Maximum Marks: 60

PART A

- I. Answer **ANY FIVE** out of Eight Questions. (5 X 2 = 10)

PART B

- II. Answer **ANY FIVE** out of Eight Questions. (5 X 4 = 20)

PART C

- III. Answer **ANY THREE** out of five Questions. (3 X 10 = 30)

EXTERNAL QUESTION PATTERN (SELF STUDY PAPER)

Time: 3 Hours

Maximum Marks: 100

PART A

- I. Answer **ANY TEN** out of Fifteen Questions. (10 X 2 = 20)

PART B

- II. Answer **ANY SEVEN** out of Ten Questions. (7 X 5 = 35)

PART C

- III. Answer **ANY THREE** out of five Questions. (3 X 15 = 45)

LANGUAGE THROUGH LITERATURE-I,II,III - 22HC1GE01,22HC2GE02,22HC3GE03

INTERNAL QUESTION PATTERN

Time: 2 Hours

Maximum Marks: 30

PART-A

- I.Fill in the blanks** (5 X 1=5)

(From All Units)

- II.True or False** (5 X 1=5)

(From All Units)

- III.Match the Expressions** (5 X 1=5)

(From Unit-IV)

PART-B

- IV.Paragraph(any 1 out of 3)** (1 X 5=5)

(From Unit-I,II,III)

PART-C

- V.Essay(any 1 out of 3)** (1 X 10=10)

(From Unit-I,II,III)

EXTERNAL QUESTION PATTERN

Time: 3Hours

Maximum Marks: 60

PART-A

I.Fill in the blanks (10 X 1=10)

(From All Units)

II.True or False (5 X 1=5)

(From All Units)

III.Match the Expressions (5 X 1=5)

(From Unit-IV)

PART-B

IV.Paragraph(any 4 out of 7) (4 X 5=20)

(From Unit-I,II,III)

PART-C

V.Essay(any 2 out of 4) (2 X 10=20)

(From Unit-I,II,III)

INTERNAL QUESTION PATTERN-ENGLISH FOR COMMUNICATION - 22HC4GE04

PART-A

I.Fill in the blanks using appropriate Tense Forms (5 × 1=5)

From Unit-V

II.Match the expressions (introducing self/others) (5 × 1=5)

From Unit-I

PART-B

III.Giving Directions to a place (1 × 5=5)

From Unit-II

IV.Read the following passage and write the point of view of the writer (1 × 5=5)

From Unit-III

PART-C

V.Write a descriptive essay/poem/Welcome Speech/Vote of Thanks (1×10=10)

From Unit-IV&V

EXTERNAL QUESTION PATTERN-ENGLISH FOR COMMUNICATION - 22HC4GE04

PART-A

I.Fill in the blanks using appropriate Tense Forms (5 × 1=5)

From Unit-V

II.Match the expressions (introducing self/others)5 × 1=5

From Unit-I

III.True or False (5 × 1=5)

From Unit-V

PART-B

IV.Giving Directions to a place (1×10=10)

From Unit-II

V.Read the following passage and write the point of view of the writer (1×10=10)

From Unit-III

PART-C

VI.Write a descriptive essay/poem (1×15=15)

From Unit-IV

VII.Write a Welcome Speech/Vote of Thanks (1×10=10)

From Unit-V

Tamil - I - ,e;jpa %ypiffs;

gUtk;:xd;W

Neuk;: 2

FwpaPL:22HC1GT01

Gs;sp: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Jhkiuapd; ed;ikfisg; gw;wp mwpe;J nfhs;th;.	PSO - 5	mwpT
CO - 2	Rf;Ftpd; Kf;fpaj;Jtj;ijj; njhpe;J nfhs;th;.	PSO - 5	Ghpjy;
CO - 3	kpsFfpd; kUj;Jt Fzq;fisj; njhpe;Jnfhs;th;.	PSO - 5	mwpT
CO - 4	jpg;gypapd; gad;fisg; gw;wp Ghpe;J nfhs;th;.	PSO - 5	Ghpjy;
CO - 5	Vyf;fhapd; tUif> Kf;fpaj;Jtk; gw;wp Ghpe;J nfhs;th;.	PSO - 5	mwpT>Ghpjy;

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: xd;W		Tamil - I - ,e;jpa %ypiffs;										Hours: 2
Code : 22HC1GT01												Credits:2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	2	4	3	4	3	5	3	4	2	2	3	3.18
CO - 2	3	4	3	3	3	4	4	4	3	2	2	3.18
CO - 3	4	4	3	2	4	2	5	4	3	3	2	3.27
CO - 4	3	4	2	4	4	4	4	3	3	3	3	3.36
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.22

Result: The Score for this Course is: **3.22** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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myF 1

	jhkiu - Kd;Njhd;wpa KJ %ypif.	Neuk;: 6
myF 2		
	Rf;F - nrsghf;fpa %ypif.	Neuk;: 6
myF 3		
	kpsF - eWkz %ypiffspd; murd;.	Neuk;: 6
myF 4		
	jpg;gpyp - gpzpjPh;f;Fk; khkUe;J.	Neuk;: 6
myF 5		
	Vyf;fha; - rpWePufg; ghJfhg;G.	Neuk;: 6
ghIE}y;:		
	Mh;.v];. ehuhazd; - njhy; rpwg;Gs;s ,e;jpa %ypiffs; Jhkiu gg;spNf\d;]; (gp) ypl; mk;gj;J}h;> nrd;id - 98. ,uz;lhk; gjpg;G - 2013.	
ghh;it E}y;:		
	Kidth;.e.fNzrd; - nfhy;yp kiyapy; rpj;j kUj;Jtj;jpd; gad;ghLfs; epA+ nrQ;Rhp Gf;`T];>nrd;id - 98 Kjw;gjpg;G - etk;gh; 2009.	

LANGUAGE THROUGH LITERATURE - I

Semester: I

Hours: 2

Sub. Code: 22HC1GE01

Credits:2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Imbibe cognitive and affective aspects in students.	PSO - 5	AN
CO - 2	Inculcate the expressional and imagination power of the students.	PSO - 5	AP
CO - 3	Improves narrative ability and vocabulary learning.	PSO - 5	U
CO - 4	Makes them to respond using varied expression.	PSO - 5	AP
CO - 5	Help the students to know about basics of grammar in order to read, understand and frame on their own.	PSO -5	K

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: I		LANGUAGE THROUGH LITERATURE - I										Hours: 2
Code : 22HC1GE01												Credits:2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	2	4	3	4	3	5	3	4	2	2	3	3.18
CO - 2	3	4	3	3	3	4	4	4	3	2	2	3.18
CO - 3	4	4	3	2	4	2	5	4	3	3	2	3.27
CO - 4	3	4	2	4	4	4	4	3	3	3	3	3.36
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.22

Result: The Score for this Course is: **3.22** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I:

Prose:The Lost Child-Mulk Raj Anand - My London Days-Mohandas Karamchand Gandhi - Mercy and Justice from Merchant of Venice-William Shakespeare.

(6 Hours)

UNIT II:

Poetry :Women's Rights-Annie Lousia Walker - A Psalm of Life-H.W.Longfellow - Our Casuarina Tree-Toru Dutt.

(6 Hours)

UNIT III:

Short Story:The Selfish Giant-Oscar Wilde -The Last Leaf-O'Henry - A Snake in the Grass-R.K.Narayanan.

(6 Hours)

UNIT IV:

Situational language:Greetings - Introductions - Invitations-Making Requests - Seeking Permissions-Taking Leave.

(6 Hours)

UNIT V:

Grammar:Parts of Speech - Noun - Verb - Adjective - Present Tense - Simple present tense - Present Continuous Tense - Present Perfect Tense - Present Perfect Continuous Tense-Question Tag-Negative Sentence.

(6 Hours)

BOOKS FOR STUDY :

Prepared by Parent Department

BOOKS FOR REFERENCES:

1. "Living English Grammar & Composition" Tickoo M.L. & Subramaniam A.E, Oriental Longman, New Delhi.
2. "English Grammar & Composition" Wren & Martin, S.Chand Publications-2005, Delhi.
3. "A Galaxy of English" Essayists - From Bacon to Beerbohm.

NURSING FOUNDATION - I

Semester: I

Hours: 4

Sub. Code: 22HC1MC01

Credit: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Gain the knowledge on the concept of health, health illness, health care delivery system.	PSO - 1	K
CO - 2	Knowledge on hospital admission and discharge.	PO -2, PSO - 3	AP
CO - 3	Skill in documentation and reporting in hospital.	PSO - 4	U
CO - 4	Gain the knowledge about the interpersonal relationships.	PSO -3, PSO - 4	S
CO - 5	Skill in health assessment and monitoring of patients.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: I		NURSING FOUNDATION - I										Hours: 4
Code : 22HC1MC01												Credits:4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	2	3	4	4	4	3	2	2	3.09
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.18

Result: The Score for this Course is: **3.18**(High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = <u>Total of Values</u>	Mean Overall Score for Cos= <u>Total of Mean Scores</u>
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Total No. of Pos & PSOs	Total No. of Cos
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UNIT I

Introduction of health : Definition of Health-Concept of health-Immunity & immunization-Health care services-Primary health care- diagnosis & treatment-rehabilitation- Health care teams- Health promotion and level of disease prevention
- Role of nurses. **(12 Hours)**

UNIT II

Hospital Admission & Discharge: Admission to the hospital- Unit & its preparation (Types of bed)- Admission procedure- Roles & responsibilities of the nurse- Discharge from the hospital- Discharge planning- Roles & responsibilities of the nurse - Care of the unit after discharge. **(12 Hours)**

UNIT III

Documentation & reporting : Purpose of recording & reporting - Types of records & it maintaining - Ward records - Medical / nursing records - Reporting - Change of shift reports - Transfer reports - Incident reports. **(12 Hours)**

UNIT IV

Communication : Levels, elements, types, modes, process - Factors influencing communication - Nurse patient relationships. **(12 Hours)**

UNIT V

Vital signs : Guidelines for taking vital signs - Assessment of body temperature - Assessment of pulse - Assessment of respiration - Assessment of Blood pressure & Reporting & documentation. **(12 Hours)**

BOOKS FOR STUDY:

1. Potter A.P., Perry A.G., "Fundamentals of nursing", C.V. Mosby company, Louis 6th ed 2005.
2. Kozier B et al, "Fundamentals of Nursing concepts, process and practice, Person education", Inc 2nd Indian print 2004
3. Dugas B.W, "Introduction to patient care", Saunders, 4th ed 1983.
4. Brunner and sudharth, "Test book of Medical surgical nursing", 10th ed 2002.

NURSING FOUNDATION - I - LAB

Semester: I

Hours: 14

Sub. Code: 22HC1CP01

Credit: 14

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Understanding of the process of nursing in various clinical settings.	PSO - 1	U
CO - 2	Skills in techniques of clinical practices.	PSO - 1, PSO -2	AP
CO - 3	Gain the knowledge about the first aid.	PSO - 1	K
CO - 4	Skill in vital signs.	PSO - 2	AP
CO - 5	Gain the knowledge about care of patient.	PSO -2	K

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: I		NURSING FOUNDATION - I - LAB										Hours:14
Code : 22HC1CP01												Credits:14
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	4	4	5	5	4	5	3	4	5	2	3	4.00
CO - 2	4	4	3	5	3	5	4	4	3	2	4	3.72
CO - 3	4	4	5	4	4	4	5	4	3	3	5	4.09
CO - 4	3	4	2	3	4	4	4	3	4	3	5	3.54
CO - 5	4	2	3	5	4	4	3	4	3	4	3	3.54
Overall Mean Score												3.77

Result: The Score for this Course is: **3.77** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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PRATACALS:

❖ Vital Signs

- Temperature
- Pulse
- Respiration
- Blood pressure

❖ Bed making

- Definition
- Purpose
- Articles
- Types

❖ Oral care

- Definition
- Purpose
- Articles
- Procedure

❖ Hair care

- Definition
- Purpose
- Articles
- Procedure

❖ Nail care

- Definition
- Purpose
- Articles
- Procedure

❖ Comfort Devices

- Pillow
- Back rest
- Knee rest
- Rolls
- Air cushion
- Sand bags

❖ **Position & gait**

- Supine position
- Prone position
- Dorsal recumbent position
- Lateral position
- Sims position

❖ **Hand Washing Technique**

- Definition
- Purpose
- Types
- Indications
- Articles
- procedure

❖ **First aid**

- Fainting
- Nose bleeds
- Cardiac arrest
- Snake bite
- Insect bite

BOOKS FOR STUDY:

1. Potter A.P., Perry A.G, “Fundamentals of nursing”, C.V. Mosby company, Louis 6th ed 2005.
2. Annama Jacob Rekha.R, “Clinical Nursing procedure”, Jaypee Brothers medical publishers, 3rd Ed 2015.

ANATOMY AND PHYSIOLOGY - I

Semester: I

Hours: 2

Sub. Code: 22HC1AC01

Credit: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To know the general and microscopic structure and functions of the body.	PSO - 1	K
CO - 2	Apply the knowledge of anatomy and physiology in the practice of nursing.	PSO - 2	K
CO - 3	Understanding the effects of alterations in structure and functions.	PSO - 4	U
CO - 4	Gain the knowledge about the circulatory system.	PSO - 3, PSO - 4	K
CO - 5	Gain the knowledge about the respiratory system.	PSO - 1	K

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: I		ANATOMY AND PHYSIOLOGY - I										Hours: 2
Code : 22HC1AC01												Credits:2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	2	2	3	4	4	4	4	2	2	3.09
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	4	4	2	3	3	5	4	2	3.27
CO - 5	4	2	3	2	5	2	3	4	3	4	5	3.36
Overall Mean Score												3.27

Result: The Score for this Course is: **3.27** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Introduction : Definition of Anatomy & Physiology -Organization of human body -
Cell structure & Functions - Types of Tissues- Membranes. **(6 Hours)**

UNIT II

The skeletal system : Structure of the bone - Types-Functions. **(6 Hours)**

UNIT III

Circulatory system : Structure of the heart - Cardiac cycle - Cardiac output
(6 Hours)

UNIT IV

The respiratory system : Organs of the respiratory system - Structure of the lungs
-Mechanism of the respiration - Muscles of respiration. **(6 Hours)**

UNIT V

The Nervous system : Central nervous system - Peripheral system. **(6 Hours)**

BOOKS FOR STUDY:

1. Waugh, Anne (2003), "Ross & wilson's Anatomy & physiology in health & illness", 10th ed, Churchill livingstone.
2. Anthony & thibodcon(2000), "Anatomy & physiology for nurses" 11thed,C.V.Mosby co., London.
3. Greig, Rhind , "Riddle's Anatomy & physiology",7th ed., Churchill Livingst.

LIFE COPING SKILLS

Semester : I

Hours : 2

Sub. Code : 22HC1GS01

Credits: 2

COURSE OUTCOME:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To attain coping skills to face problems in life.	PSO - 5	C
CO - 2	To gain knowledge to think positive in all situations.	PSO -5	K
CO - 3	To be able to understand about goal and steps to achieve a goal.	PSO - 5	U
CO - 4	To know about time management.	PSO - 5	E
CO - 5	Learn the techniques to overcome	PSO - 5	AN

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: I		LIFE COPING SKILLS										Hours: 2
Code : 22HC1GS01												Credits:2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	2	2	3	4	4	4	4	2	2	3.09
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	4	4	2	3	3	5	4	2	3.27
CO - 5	4	2	3	2	5	2	3	4	3	4	5	3.36
Overall Mean Score												3.27

Result: The Score for this Course is: **3.27** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Coping and self-esteem : Coping- Definition- Positive, Negative, Two kinds of coping, Problem focused coping, Emotion Focused Coping. Self - Esteem - Definition- Factors Influencing Self Esteem-Qualities of People with High and Low Self Esteem. **(6 Hours)**

UNIT II

Positive thinking and motivation : Positive Thinking - Meaning- Nine simple workable rules to Practice Faith- The profile of a positive thinker - Motivation- Meaning- Motivation Leads to Self - Actualization by Abraham Maslow - Push and Pull Motives. **(6 Hours)**

UNIT III

Goal setting and stress management : Goal - Definition - Obstacles to set Goal - Types - "SMART" Goal - Stress - Meaning- Kinds and Types of Stress- Effects of Stress on Body - Sources of Stress and Tips to Manage Stress. **(6 Hours)**

UNIT IV

Time management and coping with study problem : Time management- Meaning - Tips to Correct Lateness Problem- Factors of Time Management (Time Factor) - Tips for Time Management. Coping with Study - Introduction -Coping with your study patterns - Steps to Better Study. **(6 Hours)**

UNIT V

Career guidance : Meaning and Objectives of Career Guidance - Sources for Career Placement - Career Planning - Preparation for Employment - Preparing own Biodata - Looking for Opportunities - Preparing for the Interview. **(6 Hours)**

BOOKS FOR STUDY:

❖ Course Text prepared by Parent Department.

REFERENCE BOOK:

1. "WE SHALL OVERCOME", a textbook on Life Coping Skills, Dr. Xavier Alphonse S.J.
2. RavikanthRao .K .Life Skills Education, 2016.
3. Shiv Kera, "You Can Win" , Macmillan India Ltd: New Delhi : 1998.

OFFICE AUTOMATION

Semester : I

Hours : 4

Sub. Code: 22HC1AE01

Credits: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To provide an in-depth knowledge about the use of office automation packages.	PSO -5	K
CO - 2	To provide training about the usage of modern office for day-to-day office management and e-governance.	PSO -5	C
CO - 3	Work comfortably with the InDesign screen, workspace, tools and text formatting using many techniques.	PSO -5	AP
CO - 4	To develop a create document that demonstrate proficiency in the use of word processing, and presentation application.	PSO - 5	E
CO - 5	Use creativity to design and create publications independently.	PSO - 5	K

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: I		OFFICE AUTOMATION										Hours: 4
Code : 22HC1AE01												Credits:4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	3	3	3	3	4	3	3	3	4	4	3.27
CO - 2	3	3	3	3	3	3	4	2	3	4	4	3.18
CO - 3	4	3	3	2	3	3	2	4	3	3	3	3.00
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	2	3	2	3	2	3	3	3	4	3	2.90
Overall Mean Score												3.10

Result: The Score for this Course is: **3.10**(High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos\& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Fundamentals of Computer : Definition of Computer System - Classification Of Computer - Computer Hardware - Basic Operations Performed By A Computer System - Basic Components Of Computer System - Central Processing Unit - Primary Memory - Arithmetic Logic Unit (Alu) - Control Unit - Peripherals - Input Devices- Output Device - Types Of Software - Utilities. **(12 Hours)**

UNIT II

Microsoft Word:Word Processor Basics - Menus - Creating A New Blank Document - Tool Bars - Changing The Size Of A Document - Closing The Document And Quitting Word. - Typing Your First Document:Starting Microsoft Word - Saving the Document - Previewing the Document - Printing the Document Closing the Word Document. **(12 Hours)**

UNIT III

Manipulating Data :Formulas And Functions - Excel Calculation Mode - Opening Microsoft Excel And Entering Data - Using Formula To Calculate The Workbook Data.- Functions - Common Excel Functions - Editing Data In Excel Workbook - Copying A Formula In A Sheet - Copying Values, Not Formula Or Function- Deleting Rows And Columns.- Inserting Rows And Columns - Automatic Filling Of Entries. **(12 Hours)**

UNIT IV

Working In Microsoft PowerPoint- Starting PowerPoint - Creating a Presentation Using Auto Content Wizard - Saving the Presentation. - Working with Text in Slides - Formatting the Text - Closing the Presentation. Downloading a PowerPoint Design Template. **(12 Hours)**

UNIT V

Adding Animation in Slides :Creating a Presentation Using Design Template - Adding Transition Effects to Slides - Animating Individual Slide Elements with Custom Animation. - Previewing Animation Effects in The Slide- Saving The Presentation.Set Up Show - Closing Presentation And Quitting PowerPoint. **(12 Hours)**

MS - WORD

1. Text formatting with shortcuts.
2. Applying Page Borders and Numbering and Bulleting
3. Table creation and formatting
4. Designing advertisement using shapes
5. Working with Images
6. Working with Charts
7. Exercise for implementing a Mail Merge Concept

MS - ACCESS

8. Create a Table and database

MS - EXCEL

9. Working with Mathematical Functions
10. Working with Statistical Functions
11. Working with Filtering Concept in Excel
12. Exercise by implementing different kinds of Charts.

MS - POWERPOINT

13. Graphical Output to introduce yourself
14. Graphical Output to introduce your College.
15. Adding sounds to the Presentation

BOOKS FOR STUDY:

1. Dr. Xavier Alphose S.J. "Computer Made Easy A Textbook On Basic Computer Skills", 2005 Edition.
2. Microsoft Office 2007 Bible - John Walkenbach, Herb Tyson, Faithe Wempen, Cary N. Prague, Michael R. Groh, Peter G. Aitken, And Lisa A. Bucki -Wiley India Pvt.Ltd.

gUtk;: ,uz;L

Neuk;: 2

FwpaPL: 22HC2GT02

Gs;sp: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	jkpoh;fspd; mwptpay; rpe;jid gw;wp mwpe;Jnfhs;th;.	PSO - 5	mwpt
CO - 2	nfhy;yp - kdpjDf;F Vw;gLk; ed;ik jPikfisj; njhpe;J nfhs;th;.	PSO - 5	Ghpjy;
CO - 3	Mikapd; nray;fs; kdpjDf;F vt;thW gad;gLfpwJ vd;W njhpe;J nfhs;th;.	PSO - 5	mwpt
CO - 4	eWkzf;Nfhijapy; Kbpady; jahhpf;fg;gLk; nghUisAk; Ntjpg;ngHUs;fisAk; gw;wp Ghpe;J nfhs;th;.	PSO - 5	Ghpjy;
CO - 5	jpUthrfk; vd;Dk; mwptpay; fUT+yk;; gw;wp Ghpe;J nfhs;th;.	PSO - 5	mwpt>Ghpjy;

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: ,uz;L		Tamil - II - goe;jkpopy; mwptpay;										Hours: 2
Code : 22HC2GT02												Credits: 2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	2	4	3	4	3	5	3	4	2	2	3	3.18
CO - 2	3	4	3	3	3	4	4	4	3	2	2	3.18
CO - 3	4	4	3	2	4	2	5	4	3	3	2	3.27
CO - 4	3	4	2	4	4	4	4	3	3	3	3	3.36
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.22

Result: The Score for this Course is: **3.22** (High Relationship)**Note:**

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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myF 1

goe;jkpopy; mwptpay;	Neuk;; 6
myF 2	
nfh;y p	Neuk;; 6
myF 3	
Mik	Neuk;; 6
myF 4	
eWkzf;Nfhij	Neuk;; 6
myF 5	
jpUthrfk; vd;Dk; mwptpay; fUT+yk;.	Neuk;; 6

ghlE}y;:

Kidth; f.gyuhkd; -	goe;jopyf;fpaj;jpy; mwptpay;>
	cyfj;;;jkpohuha;r;rp epWtdk;>
	nrd;id - 13,
	Kjy; gjpg;G -2009.

ghh;it E}y;:

,uhk.Re;juk; -	jkpo; tsh;f;Fk; mwptpay;>
	epA+ nrQ;Rhp Gf; `T];>
	nrd;id> Kjy; gjpg;G -2009.

LANGUAGE THROUGH LITERATURE - II

Semester : II

Hours: 2

Sub. Code: 22HC2GE02

Credits: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Imbibe cognitive and affective aspects in students.	PSO -5	C
CO - 2	Inculcate the expressional and imagination power of the students.	PSO -5	S
CO - 3	Improves narrative ability and vocabulary learning.	PSO -5	E
CO - 4	Enriching in varied expressions of Everyday Communication.	PSO -5	U
CO - 5	Encouraging the students to write with proper understanding of the cue and also using different styles.	PSO -5	U

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: II		LANGUAGE THROUGH LITERATURE - II										Hours: 2
Code : 22HC2GE02												Credits: 2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	4	3	4	4	4	3	3	2	3.36
CO - 3	4	4	3	2	4	3	5	4	3	3	3	3.45
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	2	3	3	4	2	3	4	3	4	3	3.18
Overall Mean Score												3.27

Result: The Score for this Course is: **3.27** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Prose: I Have A Dream-Martin Luther King - An Astrologer's Day-R.K.Narayan - The Road to Success-Dale Carnegie. **(6 Hours)**

UNIT II

Poetry : The Road Not Taken-Robert Frost - A River-A.K. Ramanujan - Is Life But A Dream-Lewis Carroll. **(6 Hours)**

UNIT III

Short story : Two Friends-Guy De Maupassant - The Refugee-Pearl S Buck - The Necklace-Guy De Maupassant. **(6 Hours)**

UNIT IV

Situational language - II : Complimenting and Congratulating - Expressing Sympathy and Condolence - Apologizing - Making Suggestions-Expressing Gratitude. **(6 Hours)**

UNIT V

Composition : Formal Letter - Placing Orders of nursing things-Patient Complaints - Responding to Advertisements - Resume writing - Application for the job of a Healthcare Assistant. **(6 Hours)**

BOOKS FOR STUDY:

Prepared by Parent Department

REFERENCE BOOKS:

1. "Living English Grammar & Composition", Tickoo M.L. & Subramaniam A.E, Oriental Longman, New Delhi.
2. "English Grammar & Composition", Wren & Martin, S.Chand Publications-2005, Delhi.
3. A Galaxy of English Essayists-From Bacon to Beerbohm.

NURSING FOUNDATION - II

Semester: II

Hours: 6

Sub. Code: 22HC2MC02

Credit: 6

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To know about responsibility of a nurse in giving medication.	PSO - 1	S
CO - 2	To gain knowledge about health assessment	PSO - 1, PSO - 2	AP
CO - 3	To understand the patient psychosocial needs in hospital	PSO - 1	U
CO - 4	To gain knowledge about peri operative nursing	PSO - 2	K
CO - 5	To know about infection control in a hospital setup	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: II		NURSING FOUNDATION - II										Hours: 6
Code : 22HC2MC02												Credits:6
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	3	3	4	2	5	3	3.36
CO - 2	4	4	3	2	3	4	4	4	3	2	5	3.45
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	3	4	5	4	3	4	3	5	3.63
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.37

Result: The Score for this Course is: **3.37** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Administration of Medications: Principle - Rights of Drugs - Purposes of medication - Routes of Administration - Side Effects - Nurses Responsibilities.

(18 Hours)

UNIT II

Health assessment : Purpose - Process of health assessment - Health history - Physical examination - Inspection - Palpation - Percussion - Auscultation - Recording of health assessment.

(18 Hours)

UNIT III

Meeting needs of patient : Maslow's hierarchy of needs -Providing safe & clean environment -Physical environment - (Temperature, noise, ventilation, light, odors control) - Reduction of physical hazards - Fire accidents - Safety devices - (Restraints, side rails, air ways) - Role of nurse in providing safe & clean environment.

(18 Hours)

UNIT IV

Meeting needs of peri operative patient : Definition & concept of peri operative nursing - Preoperative phase - preparation patient for surgery - Changes of OT dress, mask cap -Intra operative phase - Operation theatre setup & environment - Role of nurse - Post operative care Wounds (types, classification, wound healing process wound complication) - care of wounds - Application of bandages (blinders, splint, slings) - Hot & cold application.

(18 Hours)

UNIT V

Infection control in Hospital setting : Control measures for different types of infection - Isolation precautions - Types, uses & technique of wearing the disposal- Sterilization.

(18 Hours)

BOOKS FOR STUDY:

1. Potter A.P., Perry A.G, "Fundamentals of nursing", C.V. Mosby company, Louis 6th ed 2005.
2. Kozier Betal, "Fundamentals of Nursing concepts, process and practice, Pearson education", Inc 2 nd Indian print 2004
3. Dugas B.W, "Introduction to patient care", Saunders, 4th ed 1983.

NURSING FOUNDATION - II - LAB

Semester: II

Hours: 12

Sub. Code: 22HC2CP02

Credit: 10

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Knowledge on process of nursing in varies clinical setting.	PSO - 1	K
CO - 2	Skill in techniques of nursing practices.	PSO - 2, PSO - 1	AP
CO - 3	Skill in administrations of medications.	PSO - 2	AP
CO - 4	To know the pre & post operative care.	PSO - 3	S
CO - 5	To gain knowledge about care of patient in varies conditions.	PSO - 2	K

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: II		NURSING FOUNDATION - II - LAB										Hours: 12
Code : 22HC2CP02												credits: 10
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	2	3	4	4	4	3	2	2	3.09
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.18

Result: The Score for this Course is: **3.18** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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PRATICALS:

1. Catheter care

- Definition
- Purpose
- Indications
- Articles
- Procedure

2. Administration of medication

- principle
- Purpose
- Rights of drugs
- Routes of administration
- Side effects
- Nurses responsibilities

3. Pre & Post operative care

- Definition
- Purpose
- Preparation
- Changes of OT dress
- Role of nurse

4. Sponge bath

- Definition
- Purpose
- Indications
- Articles
- procedure

5. Back Care

- Definition
- Purpose
- Indications
- Articles
- Procedure

6. Bandages (circular, spiral, spiral reverse figure of eight)

- Definition
- Purpose
- Indications
- Types
- Articles
- Procedure

7. Suppositories

- Definition
- Purpose
- Indications
- Articles
- Procedure

8. Hot water bag

- Definition
- Purpose
- Indications
- Uses

9. Wound care

- Definition
- Purpose
- Indications
- Articles
- Procedure

10. Perineal care

- Definition
- Purpose
- Indications
- Articles
- Procedure

BOOKS FOR STUDY:

1. Potter A.P., Perry A.G, "Fundamentals of nursing", C.V. Mosby company, Louis 6th ed 2005.
2. Annama Jacob Rekha.R, "Clinical Nursing procedure", Jaypee Brothers medical publishers, 3rd Ed 2015.

ANATOMY AND PHYSIOLOGY - II

Semester: II

Hours: 3

Sub. Code: 22HC2AC02

Credit: 3

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To know the general and microscopic structure and functions of each system of the body.	PSO - 1	K
CO - 2	To know the general structure and function of the body as a whole.	PSO -4, PSO - 3	AP
CO - 3	Apply the knowledge of anatomy and physiology in the practice of nursing.	PSO - 4	U
CO - 4	To gain knowledge about excretory system.	PSO - 3, PSO - 4	K
CO - 5	To gain knowledge about reproductive system.	PSO - 1	U

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: II		ANATOMY AND PHYSIOLOGY - II										Hours: 3
Code : 22HC2AC02												Credits: 3
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	2	3	4	4	4	3	2	2	3.09
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.18

Result: The Score for this Course is: **3.18** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

The Sensory System : Structure & functions of Sensory system - Eye - Ear - Skin - Tongue (9 Hours)

UNIT II

The Digestive System : Mouth (Tooth, Tongue & Salivary glands)-Esophagus-Stomach-Large intestine & Small intestine-Liver, biliary & pancreas. (9 Hours)

UNIT III

The Excretory system : Structure of the organs of urinary system & function - (Kidney, Ureter, Urinary bladder, Urethra). (9 Hours)

UNIT IV

The Endocrine system : Pituitary gland - Thyroid gland & parathyroid gland - pancreas gland - Adrenal gland - Thymus gland. (9 Hours)

UNIT V

The Reproductive system : Structure of the male & female reproductive organs & functions - Structure of the breast & function - Function of the reproductive organs. (9 Hours)

BOOKS FOR STUDY:

1. Waugh, Anne (2003), "Ross & Wilson's Anatomy & physiology in health & illness", 10th ed, Churchill Livingstone.
2. Anthony & Tibodcon (2000), "Anatomy & physiology for nurses", 11th ed, C.V. Mosby co., London.
3. Greig, Rhind, "Riddle's Anatomy & physiology", 7th ed., Churchill Livingstone.

VALUE EDUCATION

Semester: II

Hours: 2

Sub. Code: 22HC2GS02

Credit: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To gain knowledge about values in life.	PSO – 5	K
CO - 2	To be able to face challenges in life-oriented skills.	PSO - 5	AP
CO - 3	To gain knowledge about handling problem in entire life.	PSO - 5	E
CO - 4	Obtaining the ability to uphold the dignity of women.	PSO - 5	S
CO - 5	To understand about the women empowerment.	PSO -5	C

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: II		VALUE EDUCATION										Hours: 2
Code : 22HC2GS02												Credits:2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	2	4	3	4	3	5	3	4	4	2	3	3.36
CO - 2	3	2	3	4	3	4	4	4	3	2	3	3.18
CO - 3	4	3	3	2	5	3	5	4	3	3	2	3.36
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	2	3	2	3	2	3	4	3	4	3	3.00
Overall Mean Score												3.19

Result: The Score for this Course is: **3.19** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Values in Life : Personal, Social, Values in love and marriage, Spiritual and Professional - Life values - societal concerns and challenges. **(6 Hours)**

UNIT II

Life oriented skills : Self-identity - self - esteem, self - concept, self - acceptance - Positive thinking - Positive attitude - Time management. **(6 Hours)**

UNIT III

Motivation : Goal setting - Goal, its focus and importance - Success - obstacles to success - overcoming obstacles - Problem solving - Decision making - decision making process. **(6 Hours)**

UNIT IV

Women in society : Sex differences and sexual discrimination in society traditional bases of sexual identity - Actual Difference between the sexes - Social consequences of women's employment in modern society. **(6 Hours)**

UNIT V

Women in the Indian society : Status of women in independent India - problems of women in modern India - Rights and protection given to women by the constitution of India - Strategies for the Protection of women's rights and Rehabilitation of Women - Future Prospects. **(6 Hours)**

BOOKS FOR STUDY:

- ❖ Value Education: Course Material Prepared by the Department of Foundation Courses. JAC 18

BOOKS FOR REFERENCE:

1. Dr. Xavier Alphonse S.J., "We Shall Overcome" - A Text book on Life Coping Skills, ICRDCE Publication, Chennai, 2011
2. Dennis K. Kelly, "Achieving Unlimited Success", Indra Publishing House, Bhopal, 2009
3. Felix Koikara, SDB., "Live Your Values"-Teacher's Guide, Don Bosco Youth Animation Centre, Ennore, Madras, 1990
4. Elizabeth B. Hurlock, 'Personality Development, TMH Publications, New Delhi, 2004.

INTERNET TECHNOLOGY

Semester: II**Hours: 3****Sub. Code: 22HC2AE02****Credits: 3****COURSE OUTCOMES:**

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To understand the historical background and evolution of today's internet.	PSO -5	U
CO - 2	To understand client/server relationships in the context of the Internet and intranets.	PSO - 5	E
CO - 3	To analyze a web page and identify its element and attributes.	PSO -5	AN
CO - 4	Students gets the confidence to survive and get succeed in IT industry.	PSO - 5	K
CO - 5	The World Wide Web service is emphasized and basic web page creation with HTML is introduced.	PSO -5	S

**RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES**

Semester: II		INTERNET TECHNOLOGY										Hours: 3
Code : 22HC2AE02												Credits: 3
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	2	4	3	3	3	4	4	4	3	3	2	3.18
CO - 3	4	4	3	2	4	4	5	4	3	3	2	3.45
CO - 4	3	4	3	3	4	2	4	3	4	3	3	3.27
CO - 5	4	2	3	2	5	2	3	4	3	4	3	3.18
Overall Mean Score												3.27

Result: The Score for this Course is: **3.27** (High Relationship)**Note:**

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos\& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Introduction: What is Internet - LAN -WAN - Server and Client - The World Wide Web (WWW) - HTML - URL.. **(9 Hours)**

UNIT II

How is the Internet Used : Finding Information Online - Intelligent Personal Assistants Using the Internet to Communicate - Social Networking - Chat and Instant Messaging - VOIP - Blogs - Media on the Internet - Streaming Media - Media Player and Embedded Media - Online Media On Your TV - Using the Internet in the Future. **(9 Hours)**

UNIT III

Connecting To the Internet: How do I Connect to the Internet - Choosing an Internet Services - Choosing an I Internet Providers. Hardware needed: Modem - Router - Network card - Web Browser - Setting Your Internet Connection - Setting up a Home Network. **(9 Hours)**

UNIT IV

Browser basics: Introduction - Browser Basics - Common Web Browser - Nativigation to a Website - Adding Bookmarks - Browsing History - View Your History - Deleting Your History - Tabbed Browsing - Downloading Files - How to Download a File - Save Image - Plug-ins. **(9 Hours)**

UNIT V

INTERNET TO EMAIL: Introduction - Getting to know Email - Understanding Email Addresses - About Email Providers - Web Mail Providers - Other Mail Providers - Information Management Software - Understanding the Email Interface - Inbox - Message Pane - Compose Pane. **(9 Hours)**

INTERNET TECHNOLOGY - LAB

1. How to connect Internet through WIFI & Hotspot & LAN
2. Browse With URL
3. How to Download Image, audio
4. How to Download Video
5. Convert Video to Audio
6. Resize Image, Image resolution and Compose Image
7. Convert PNG Images & JPEG Image
8. How to Create E-Mail ID proof on Your Own
9. To Compose Mail Difference Between CC & BCC
10. Forward, Replaying E-mail.

BOOKS FOR STUDY:

- Information Technology An Introduction for Today's Digital World(2020), Richard Fox.
- Technological Deployment and Organizational Performance. Journal of Strategic Information Systems, vol. 10, 77-99.

Tamil - III - Rw;Wyhtpay;

gUtk;: %d;W

Neuk;: 2

FwpaPL: 22HC3GT03

Gs;sp: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Rw;Wyhtpd; tiffisAk;> Kf;fpaj;Jtj;ijAk; mwpe;Jnfhs;th;.	PSO - 5	mwpT
CO - 2	Rw;Wyhtpd; Nehf;fq;fisAk; mjd; fhuzpfisAk; njhpe;Jnfhs;th;.	PSO - 5	Ghpjy;
CO - 3	;Rw;Wyhtpd; mbg;gilf; \$Wfisg; Ghpe;Jnfhs;th;.	PSO - 5	mwpT
CO - 4	Rw;Wyhj; Jiwia vt;thW Nkk;gLj;JtJ vd;W Ghpe;Jnfhs;th;.	PSO - 5	Ghpjy;
CO - 5	Rw;Wyhtpdhy; Vw;gLk; ed;ik jPikfisg; Ghpe;Jnfhs;th;.	PSO - 5	mwpT>Ghpjy;

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: %d;W		Tamil - III - Rw;Wyhtpay;										Hours: 2
Code : 22HC3GT03												Credits: 2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	2	4	3	4	3	5	3	4	2	2	3	3.18
CO - 2	3	4	3	3	3	4	4	4	3	2	2	3.18
CO - 3	4	4	3	2	4	2	5	4	3	3	2	3.27
CO - 4	3	4	2	4	4	4	4	3	3	3	3	3.36
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.22

Result: The Score for this Course is: **3.22** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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myF 1

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myF 2-

Rw;Wyhtpd; Nehf;fq;fs; - Rw;Wyhitj; J}z;Lk; fhuzpfs;.

Neuk;; 6

myF 3

Rw;Wyhtpw;Fhpambg;gilf; \$Wfs;.

Neuk;; 6

myF 4

Rw;Wyhj; JiwiaNkk;gLj;Jjy;.

Neuk;; 6

myF 5

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LANGUAGE THROUGH LITERATURE - III

Semester: III

Hours: 2

Sub. Code: 22HC3GE03

Credits: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Imbibe cognitive and affective aspects in students.	PSO - 5	C
CO - 2	Inculcate the expressional and imagination power of the students.	PSO - 5	K
CO - 3	Improves narrative ability and vocabulary learning.	PSO - 5	AP
CO - 4	Introducing new vocabularies; knowing their meanings and its usage in a sentence.	PSO - 5	S
CO - 5	Helping the students to understand the basics of English grammar.	PSO - 5	K

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: III		LANGUAGE THROUGH LITERATURE - III										Hours: 2
Code : 22HC3GE03												Credits: 2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	4	3	4	2	2	3	3.18
CO - 2	2	5	3	2	3	4	2	3	4	2	3	3.00
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	3	3	3	4	2	4	3	3	3	3	3.09
CO - 5	4	2	3	2	3	2	3	4	3	4	3	3.00
Overall Mean Score												3.13

Result: The Score for this Course is: **3.13** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I:

Prose:To The Land Of Snow-AhtushiDeshpande - The Ganga-Jawaharlal Nehru -
The Helping Hand-E.M.Forster. **(6 Hours)**

UNIT II:

Poetry:Once Upon A Time-Gabriel Okara - Daddy-Sylvia Plath - Be The Best-
Douglas Malloch. **(6 Hours)**

UNIT III:

Short story :The Doll's House-Katherine Mansfield - Model Millionarie-Oscar Wilde
- The Gift of Magi-O.Henry. **(6 Hours)**

UNIT IV:

Vocabulary: Vocabulary: Synonyms-Antonyms-One Word Substitution-Prefix-
Suffix. **(6 Hours)**

UNIT V:

Grammar : Parts of Speech - Adverb - Conjunction - Preposition - Past Tense -
Simple Past tense -Past Continuous Tense -Past Perfect Tense -Past Perfect
Continuous Tense-Active and Passive Voice. **(6 Hours)**

BOOKS FOR STUDY:

Prepared by Parent Department

BOOKS FOR REFERENCE:

1. "Living English Grammar & Composition", Tickoo M.L. & Subramaniam A.E,
Oriental Longman, New Delhi.
2. "English Grammar & Composition", Wren & Martin, S.Chand Publications-2005,
Delhi.
3. A Galaxy of English Essayists-From Bacon to Beerbohm.

MEDICAL NURSING - I

Semester: III

Sub. Code: 22HC3MC03

Hours: 4

Credit: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Skill in health assessment and monitoring of patients.	PSO - 2	E
CO - 2	Skill in carrying out basic nursing care procedures.	PSO - 3	AN
CO - 3	Skill in identify the problem of the patient.	PSO - 4	E
CO - 4	Skill in identify the problem and management of respiratory system.	PSO - 3	AN
CO - 5	Skill in carrying out basic nursing care in digestive system.	PSO - 1	E

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: III		MEDICAL NURSING - I										Hours: 4
Code :22HC3MC03												Credits: 4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	2	3	4	4	4	4	2	2	3.18
CO - 3	4	4	3	2	5	3	5	4	3	3	2	3.45
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	3	3	2	4	2	3	4	5	4	3	3.36
Overall Mean Score												3.27

Result: The Score for this Course is: **3.27** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Introduction : Review of concepts of health & illness - Outpatient department - Inpatient unit - Infection control. **(12 Hours)**

UNIT II

Common signs & symptoms & management : Vomiting - Dyspnea - Cough- Fever- Shock-Pain. **(12 Hours)**

UNIT III

Nursing management of patients with Respiratory problems : Bronchitis - Asthma - Pulmonary tuberculosis -Pleural effusion - Chest Injury. **(12 Hours)**

UNIT IV

Nursing Management of patients with disorders of digestive system : Disorders of oral cavity - Gastritis - Peptic & duodenal ulcer -Hemorrhoids - Hernia. **(12 Hours)**

UNIT V

Nursing management of patients with Cardio Vascular problems : Hypertension - Angina -Myocardial Infarction-Anaemia **(12 Hours)**

BOOKS FOR REFERENCE

1. Potter A.P.,Perry A.G. "Fundamentals of nursing", C.V. Mosby company, Louis 6th ed 2005.
2. Kozier Betal, "Fundamentals of Nursing concepts, process and practice, Pearson education", Inc 2nd Indian print 2004.
3. Dugas B.W. "Introduction to patient care", Saunders, 4th ed 1982.

MEDICAL NURSING - I - LAB

Semester : III

Hours: 14

Sub.Code : 22HC3CP03

Credits: 14

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To develop an understanding of the philosophy, objectives, theories, and process of nursing in various clinical settings.	PSO -1	K
CO - 2	To acquire knowledge, understanding and skills in techniques of nursing and practice in clinical setting.	PSO -3	E
CO - 3	Skills in monitoring of patients in ICU.	PSO - 4	AP
CO - 4	Gain the knowledge about practice of medical asepsis.	PSO - 3	AP
CO - 5	Gain the knowledge about basic life support.	PSO -3	S

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: III		MEDICAL NURSING - I - LAB										Hours: 14
Code : 22HC3CP03												Credits:14
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	5	4	3	5	3	4	2	4	3	3.63
CO - 2	3	4	5	2	4	4	4	4	3	4	4	3.72
CO - 3	4	4	3	3	4	3	5	4	3	5	2	3.63
CO - 4	3	4	3	3	4	2	4	4	4	3	4	3.45
CO - 5	4	2	3	2	4	3	3	4	3	4	3	3.18
Overall Mean Score												3.52

Result: The Score for this Course is: **3.52** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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PRACTICALS:

1. Administration of medications

- Oral Administration
- IV Administration
- IM Administration
- Subcutaneous Administration
- Dermis Administration

2. Monitoring of patients in ICU

- Vital signs
- Physical examination
- Lab investigations
- I/O chart

3. Maintain flow sheet

- Purpose
- Indications
- Maintenance

4. Catheterization

- Articles
- Pre procedure
- Procedure
- After care

5. Collection of specimens

- Urine
- Blood
- Stool
- Biopsy
- Sputum
- pus

6. Pulse oximetry

- Definition
- Purpose
- Principle
- Functions

7. CPR

- Definition
- Indications
- Procedure
- complications

8. Deep breathing exercise

- Diaphragmatic breathing
- Pursed lip breathing

9. Sitz bath

- Definition
- Purpose
- Indications
- Procedure
- After care

BOOKS FOR STUDY:

1. Potter A.P., Perry A.G. "Fundamentals of nursing", C.V. Mosby company, Louis 6th ed 2005.
2. Kozier Betal, "Fundamentals of Nursing concepts, process and practice, Pearson education", Inc 2 nd Indian print 2004.
3. Dugas B.W." Introduction to patient care", Saunders, 4th ed 1982.

MATERNITY CHILD HEALTH

Semester: III

Hours: 3

Sub. Code: 22HC3AC03

Credit: 3

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Gain the knowledge about structure and functions of female reproductive organs.	PSO -2	K
CO - 2	Understand about fundamentals of re-productions.	PSO -3	U
CO - 3	Gain the knowledge about ante natal, intra natal & post natal care of patient.	PSO - 4	E
CO - 4	Safe & quality care of mother & child.	PSO - 3	AP
CO - 5	Skill in ante natal and post-natal exercise.	PSO - 3	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: III		MATERNITY CHILD HEALTH										Hours: 3
Code : 22HC3AC03												Credits:3
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	3	3	4	4	3	3	4	2	2	3	3.09
CO - 2	2	4	3	2	3	4	4	3	3	3	2	3.00
CO - 3	4	3	3	4	4	3	5	4	3	3	2	3.45
CO - 4	3	4	2	2	4	2	4	2	4	3	3	3.00
CO - 5	4	2	3	2	5	2	3	4	3	4	3	3.18
Overall Mean Score												3.14

Result: The Score for this Course is: **3.14** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Review of female reproductive organs : External genital organs-Mons pubis, Labia majora, Labia minora, Clitoris, Internal genital organs - Cervix, Ovary, Uterus, Fallopian tube, The breast. **(9 Hours)**

UNIT II

Fundamentals of reproduction: Gametogenesis (Ovulation, spermatogenesis, fertilization, morula, implantation) - Placenta structure & function - Amniotic fluid - The umbilical cord. **(9 Hours)**

UNIT III

Ante natal care-Procedure-Antenatal advice & check up: Minor ailments in pregnancy, -Pre-conceptional counseling & care. **(9 Hours)**

UNIT IV

Intra natal care : Definition of Labour, True pain- False pain -Mechanism of normal labour - Management of normal labour. **(9 Hours)**

UNIT V

Puerperium & neonate care : Involution of the uterus - Lactation, Management of normal puerperium - Post natal care - Neonatal care - Cord care - Postpartum psychosis. **(9 Hours)**

BOOKS FOR STUDY:

1. D.C. DUTTA'S, "Text Book of OBSTETRICS" 7 th edition, New central Book Agency (p)ltd
2. Marshall. Maureen Raynor, "Myles Text Book for Midwives", 16th ed

ENVIRONMENTAL STUDIES

Semester: III

Hours: 2

Sub. Code: 22HC3GS03

Credits: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Recall the components of our planet earth.	PSO -5	K
CO - 2	Elucidate and understand the importance of Natural resources.	PSO -5	AP
CO - 3	Summarizes the energy status of the environment.	PSO -5	U
CO - 4	Acquire knowledge on the conservation of our environment.	PSO -5	AN
CO - 5	Analyze the significance of water and climate towards sustainable development.	PSO -5	AN

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: III		ENVIRONMENTAL STUDIES										Hours: 2
Code : 22HC3GS03												Credits: 2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	3	3	3	3	3	3	3	2	2	4	2.90
CO - 2	3	4	2	2	3	3	3	3	3	2	3	2.81
CO - 3	3	3	3	2	3	3	3	3	3	3	4	3.00
CO - 4	3	4	2	3	3	3	4	3	4	3	4	3.27
CO - 5	4	4	3	4	4	3	4	3	4	3	4	3.63
Overall Mean Score												3.12

Result: The Score for this Course is: **3.12** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I:

Multidisciplinary Nature of Environmental Studies :Definition, scope and importance - Need for public awareness. **(6 Hours)**

UNIT II:

Natural Resources :Classification of Resources: Renewable and non - renewable resources - Forest resources, water resources, mineral resources, food resources, energy resources, Land resources - associated problems; Role of an individual in conservation of natural resources - Equitable use of sources for sustainable lifestyles. **(6 Hours)**

UNIT III:

Ecosystems : Concept of an ecosystem - Structure and function of an ecosystem - producers, consumers and decomposers - Energy flow in the ecosystem - Food chains, food webs and ecological pyramids - Introduction, types, characteristic features, structure and function of the following Eco system: Forest, grass land, desert and aquatic. **(6 Hours)**

UNIT IV:

Environmental Pollution : Definition, Causes, effects and control measures of Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, nuclear hazards, Solid waste management, Role of an individual in prevention of pollution. **(6 Hours)**

UNIT V:

Social Issues and the Environments: From unsustainable to sustainable development - Urban problems related to energy Water conservation, rainwater harvesting, water shed management, Resettlement and rehabilitation of people, its problem and concerns, case studies, Environmental ethics, Climate change, global warming, acid rain and ozone layer depletion, nuclear accidents and holocaust, case studies. Waste land reclamation. Environmental protection act, air act, water act, wildlife protection act. **(6 Hours)**

BOOKS FOR REFERENCE:

1. Murugesan, R., (2007). Environmental science and Engineering, Millennium publication, Madurai.

UNIT I: Section - 1.1 & 1.2

UNIT II: Section - 1.3 to 1.37

UNIT III: Section - 2.1 to 2.7 & 2.10 to 2.27

UNIT IV: Section - 3.1 to 3.37

UNIT V: Section - 4.1 to 4.17

DATA ANALYSIS USING EXCEL

Semester: III

Hours: 3

Sub. Code: 22HC3AE03

Credits: 3

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Introduce to the use of Excel spreadsheets and various basic data functions of Excel.	PSO -5	E
CO - 2	To Develop the Data Analysis And Data Visualization Skill.	PSO -5	AN
CO - 3	Practice various mathematical calculations and data filtering capabilities of Excel.	PSO -5	E
CO - 4	It is a very powerful data analysis tool and almost all big and small business.	PSO -5	AN
CO - 5	To use excel in their course day to day functioning.	PSO- 5	E

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: III		DATA ANALYSIS USING EXCEL										Hours: 3
Code : 22HC3AE03												Credits:3
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	4	5	4	3	2	4	3	3.54
CO - 2	3	4	2	2	4	4	4	4	4	4	4	3.54
CO - 3	4	4	3	2	4	3	3	4	3	3	2	3.18
CO - 4	3	4	2	3	4	2	4	3	3	3	2	3.00
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.26

Result: The Score for this Course is: **3.26** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos\& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Introduction To Spreadsheets: Spreadsheet - Starting Microsoft Excel - Excel Work Environment - Excel Toolbars - Office Assistant- Working In Excel Workbook - Closing The Excel Workbook Without Saving - Quitting Microsoft Excel.

(9 Hours)

UNIT II

Simple Charts: Opening Microsoft Excel and Entering Data - Drawing A Chart - Positioning the Chart Changing The Size Of A Chart - Saving The Workbook. - Printing The Chart and Closing the Workbook.

(9 Hours)

UNIT III

Manipulating Data:Formulas and Functions - Excel Calculation Mode- Opening Microsoft Excel and Entering Data - Using Formula to Calculate the Workbook Data. -Functions - Common Excel Functions - Editing Data in Excel Workbook - Copying A Formula in A Sheet - Deleting Rows and Columns. Inserting Rows and Columns- Automatic Filling of Entries.

(9 Hours)

UNIT IV

Statistical Measures - mean Variance, Percentiles, and Quatilies - Pearson Correlation - Spearman's Rank Correlation - Parametric Tests Test for Single Population Mean, Equality of Mean for Two Independent Sample.

(9 Hours)

UNIT V

DATA ANALYSIS USING MS EXCEL- LAB

1. Formatting Worksheets.
2. Simple Formulas (Addition, Subtraction, And Multiplication)
3. Using Formulas (Header And Footers)
4. Creating a Home Budget.
5. Inserting Charts
6. Data Filtering and Sorting.
7. Data Analysis Using Charts.

(9 Hours)

BOOKS FOR STUDY:

1. Microsoft Excel 2016 Step By Step by Curtis Frye.
2. Microsoft Excel Functions & Formulas by Bernd Held.

BOOKS FOR REFERENCE:

1. Excel Functions and Formulas Paperback by Bernd Held.

Tamil - IV - ehl;Lg;Gwtpay;

gUtk;; ehd;F

Neuk;; 2

FwpaPL: 22HC4GT04

Gs;sp: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	ehl;Lg;Gwtpay; fy;tpiag; gw;wp mwpe;J nfhs;th;.	PSO - 5	Ghpjy;
CO - 2	ehl;Lg;Gw iftpidg; nghUl;fisg; gw;wp njhpe;J nfhs;th;.	PSO - 5	gFj;jy;
CO - 3	ehl;Lg;Gwg; gz;ghL Fwpj;Jk; tpisahl;L Fwpj;Jk; mwpe;J nfhs;th;.	PSO - 5	mwpT
CO - 4	ehl;Lg;Gw ek;gpf;iffs; gw;wp czh;e;J nfhs;th;.	PSO - 5	gFj;jy;
CO - 5	gonkhops; gw;wp mwpe;J nfhs;th;.	PSO - 5	njhFj;jy;

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: ehd;F		Tamil - IV - ehl;Lg;Gwtpay;										Hours: 2
Code : 22HC4GT04												Credits: 2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	2	4	3	4	3	5	3	4	2	2	3	3.18
CO - 2	3	4	3	3	3	4	4	4	3	2	2	3.18
CO - 3	4	4	3	2	4	2	5	4	3	3	2	3.27
CO - 4	3	4	2	4	4	4	4	3	3	3	3	3.36
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.22

Result: The Score for this Course is: **3.22** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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myF 1

ehl;Lg;Gwtpay; fy;tpxUtpsf;fk;.

Neuk;; 9

myF 2

ehl;Lg;Gwf; iftpidf; fiyfs;.

Neuk;; 9

myF 3

gz;ghL - ehl;Lg;Gwtpisahly;fs;.

Neuk;; 9

myF 4

ehl;Lg;Gwek;gpf;iffs;

Neuk;; 9

myF 5

gonkhopfs;

Neuk;; 9

ghlE}y;:

R. rz;KfRe;juk; - ehl;Lg;Gwtpay;>

ghhp Kid>

nrd;id - 6000108>

kW gjpg;G - mf;NIhgh; - 1999.

ghh;itE}y;:

R. rf;jpNty; - ehl;Lg;Gwtpay; Ma;T

kzpthrffh; gjpg;gfk;>

nrd;id-108,

7-Mk; gjpg;G - 2006

ENGLISH FOR COMMUNICATION

Semester: IV

Hours:2

Sub. Code: 22HC4GE04

Credits: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Imbibe cognitive and affective aspects in students.	PSO -5	K
CO - 2	Inculcate the expressional and imagination power of the students.	PSO -5	AP
CO - 3	Improves narrative ability and vocabulary learning.	PSO - 5	AN
CO - 4	To help the students understand the Components of a meaning & conversion into different kinds of speech.	PSO - 5	E
CO - 5	Display competence in Oral, Written & Spoken Communication.	PSO -5	S

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: IV		ENGLISH FOR COMMUNICATION										Hours: 2
Code : 22HC4GE04												Credits:2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	4	4	3	3.63
CO - 2	3	4	4	4	3	4	4	4	3	4	4	3.72
CO - 3	4	4	3	4	4	3	5	4	4	3	4	3.81
CO - 4	3	4	4	3	4	4	4	3	4	3	4	3.63
CO - 5	4	2	3	4	4	2	3	4	3	4	3	3.27
Overall Mean Score												3.61

Result: The Score for this Course is: **3.61** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5

Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I:

Listening :Introducing Self and Others-Listening for Specific Information-
Pronunciation(without phonetic symbols. **(6 Hours)**

UNIT II:

Speaking: Giving and Following Instructions-Asking For and Giving Directions. **(6 Hours)**

UNIT III:

Reading: Strategies-Skimming and Scanning - Types of reading-Extensive and
Intensive-Reading a Poem/Prose/Short Story. **(6 Hours)**

UNIT IV:

Writing:Descriptive Writing-Writing a short descriptive Essay-Writing
Advertisements. **(6 Hours)**

UNIT V:

Composition :Future tense - Simple Future Tense - Future Continuous Tense -
Future Perfect Tense - Future Perfect Continuous Tense. Welcome Speech -Vote
of Thanks. **(6 Hours)**

BOOKS FOR STUDY:

Prepared by Parent Department

BOOKS FOR REFERENCE:

1. "Living English Grammar Composition", Tickoo M.L. & Subramaniam A.E, Oriental Longman, New Delhi.
2. "English Grammar & Composition"Wren & Martin, S.Chand Publications -2005, Delhi.

3. A Galaxy of English Essayists-From Bacon to Beerbohm.
4. Communicative English (For Students of Arts and Science College) Tamilnadu State Council for Higher Education.

MEDICAL NURSING - II

Semester: IV

Hours: 6

Sub. Code: 22HC4MC04

Credit: 6

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Skill in health assessment and monitoring of patients.	PSO - 1	K
CO - 2	Skill in carrying out basic nursing care procedures.	PSO - 3	AP
CO - 3	Skill in nursing management of endocrine system.	PSO - 4	K
CO - 4	To gain knowledge about management of Musculo skeletal system.	PSO - 3	U
CO - 5	Gain knowledge about management of patient with communicable diseases.	PSO - 1	K

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: IV		MEDICAL NURSING - II										Hours: 6
Code : 22HC4MC04												Credits: 6
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	3	3	4	2	3	4	3.45
CO - 2	3	4	3	4	3	4	4	4	3	2	4	3.36
CO - 3	4	4	3	3	4	3	4	4	3	3	2	3.36
CO - 4	3	4	2	3	4	4	4	3	4	3	4	3.45
CO - 5	4	2	3	3	4	4	3	4	3	4	4	3.45
Overall Mean Score												3.41

Result: The Score for this Course is: **3.41** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0

Quality	Very Poor	Poor	Moderate	High	Very High
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Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Nursing management of patients with Genito-urinary problems : Nephritis - Renal Calculus - Acute renal failure - End stage renal disease - Infection of Urinary bladder & urethra. **(18 Hours)**

UNIT II

Nursing management of patients with Reproductive system : Review of Anatomy & Physiology - Infertility - PCOS - Contraception -Temporary method - Permanent method. **(18 Hours)**

UNIT III

Nursing management of patients with disorders of Endocrine system : Review of Anatomy & Physiology - Diabetes Mellitus - Diabetes Insipidus - Adrenal Tumor - Hyper & hypothyroidism. **(18 Hours)**

UNIT IV

Nursing management of patients with disorders of Musculo skeletal system : Review of Anatomy & Physiology - Bones dislocation - Fracture - Osteomalacia- Osteoporosis -Rhematoid arthritis. **(18 Hours)**

UNIT V

Nursing management of patient with Communicable disease : Tuberculosis - Diarrhea - Chicken pox - Typhoid - Meningitis - Leprosy - Dengue - Influenza - HIV & AIDS - Hepatitis. **(18 Hours)**

BOOKS FOR STUDY:

1. Potter A.P.,Perry A.G.Fundamentals of nursing, C.V. Mosby company, Louis 6th ed 2005.
2. Kozier Betal, Fundamentals of Nursing concepts, process and practice, Pearson education, Inc 2 nd Indian print 2004
3. Dugas B.W. Introduction to patient care Saunders, 4th ed 1983

MEDICAL NURSING - II - LAB

Semester: IV

Hours: 12

Sub.Code : 22HC4CP04

Credits: 10

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Understanding of the process of nursing in various clinical settings.	PSO - 1	AP
CO - 2	Skill in techniques of nursing and practice them in clinical settings.	PSO - 2, PSO - 3	AP
CO - 3	Gain the knowledge about active and passive exercises.	PSO - 4	K
CO - 4	Skill in emergency tray.	PSO - 3, PSO - 4	U
CO - 5	Understanding of the sterilization methods in clinical settings.	PSO - 1	K

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: IV		MEDICAL NURSING - II - LAB										Hours: 12
Code : 22HC4CP04												Credits: 10
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	4	4	3	5	3	4	5	5	3	3.90
CO - 2	3	4	3	5	5	4	4	4	4	5	5	4.18
CO - 3	4	4	4	5	4	4	5	4	4	4	4	4.18
CO - 4	3	4	2	3	4	2	4	3	4	3	5	3.36
CO - 5	4	5	3	5	4	5	3	4	3	4	4	4.00
Overall Mean Score												3.92

Result: The Score for this Course is: **3.92** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5

Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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PRATICALS:

1. Nebulization

- Definition
- Purpose
- Indications
- Side effects
- Procedure
- After care

2. Eye drop instillation

- Definition
- Purpose
- Articles
- Pre procedure
- Procedure
- After care

3. Ear drop instillation

- Definition
- Purpose
- Articles
- Pre procedure
- Procedure
- After care

4. Nose instillation

- Definition
- Purpose
- Articles
- Pre procedure
- Procedure
- After care

5. Emergency tray / trolley

- Emergency medications
- Equipments
- Other materials (evaluation sheet, pen)

6. Total parenteral therapy

- Definition
- purpose
- Indications
- Types
- procedure
- Complications

7. Perform active & passive exercise

- Range of motion exercise
- Deep breathing exercise

8. Enema

- Definition
- Types
- Purpose
- Indications
- Procedure
- After care

9. Sterilization method

- Physical method
- Chemical method

10. Care of ostomies

- Definition
- Purpose
- Articles
- Indications
- Pre procedure
- Procedure
- After care

BOOKS FOR STUDY:

1. Potter A.P., Perry A.G, "Fundamentals of nursing", C.V. Mosby company, Louis 6th ed 2005.
2. Kozier Betal, "Fundamentals of Nursing concepts, process and practice, Pearson education", Inc 2nd Indian print 2004.
3. Dugas B.W. "Introduction to patient care", Saunders, 4th ed 1983.

MENTAL HEALTH NURSING

Semester: IV

Hours: 4

Sub. Code: 22HC4AC04

Credit: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To know the knowledge about the mental hygiene & mental illness.	PSO - 1	K
CO - 2	Understanding the effects of disorders & therapies.	PSO - 2, PSO - 3	AP
CO - 3	Skill in cognitive process.	PSO - 4	C
CO - 4	Understanding the effects of emotional process.	PSO - 3, PSO - 4	AN
CO - 5	To know the knowledge about personality of various persons.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: IV		MENTAL HEALTH NURSING										Hours: 4
Code : 22HC4AC04												Credits: 4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	4	3	4	3	3	4	3	4	3	2	3	3.27
CO - 2	3	4	3	3	3	3	4	3	3	2	3	3.09
CO - 3	4	3	3	4	4	3	4	4	3	3	2	3.27
CO - 4	3	4	4	3	4	2	4	3	4	3	5	3.54
CO - 5	4	2	3	4	4	2	3	4	3	3	3	3.18
Overall Mean Score												3.27

Result: The Score for this Course is: **3.27** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0

Quality	Very Poor	Poor	Moderate	High	Very High
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Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Introduction : Definition - Scope of psychology - Role of mental health nursing - Characteristics of good mental health. **(12 Hours)**

UNIT II

Cognitive processes : Attention(types, degree, & alteration) - Perception (principles, factors affecting error)- Memory (types)-Thinking (types, stages of development) - Intelligence(Classification uses). **(12 Hours)**

UNIT III

Motivational & emotional processes : Motivation (conflict, frustration) - Emotion(definition, components) - Stress(Cycle , coping mechanism). **(12 Hours)**

UNIT IV

Personality : Definition - Types - Psychometric assessment of personality - Iteration in personality. **(12 Hours)**

UNIT V

Mental hygiene & mental illness : Warning signs of poor mental health - Ego - Anxiety- Depression - Dementia - Eating disorders - Electro convulsive treatment - (Play therapy, Music therapy, Art therapy). **(12 Hours)**

BOOKS FOR STUDY:

1. R.Sreevani, "A Guide to mental Health & Psychiatric Nursing", 3rd ed, Jaypee brothers.
2. Dr. D. N.Srivastava, "General Psychology", bookman delhi.com

MEDICAL IoT

Semester: IV

Hours: 4

Sub. Code: 22HC4AE04

Credits: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Discuss the basic concepts of R programming language such as variables, data types, functions, and installation procedures.	PSO -5	K
CO - 2	Explore the methods to read data and basic functions to work on data.	PSO -5	AP
CO - 3	Apply the control statements and loops to solve different problems.	PSO - 5	U
CO - 4	To know about the revolution R community edition.	PSO -5	AN
CO - 5	Gain knowledge about function of documentation.	PSO -5	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: IV		MEDICAL IoT										Hours: 4
Code : 22HC4AE04												Credits: 4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	2	3	4	4	4	3	2	2	3.45
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.25

Result: The Score for this Course is: **3.25** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos\& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Internet of Things (IoT) In Healthcare: Benefits, Use Cases and Evolutions:- Internet of Things in the context of healthcare transformation and the challenges of information-driven healthcare- The Internet of Things and healthcare information systems- Healthcare data: working with purpose and security in mind- Special attention for personal data in healthcare IoT projects needed. **(12 Hours)**

UNIT II

The Internet of Things in healthcare: Use cases and major evolutions: -Remote health monitoring and telehealth- The connected and smart hospital - a broad range of applications- From maintenance of healthcare equipment to smart beds- Applications in the asset- and information-intensive hospital. **(12 Hours)**

UNIT III

The Internet of Healthcare Things and the dual role of wearables:Internet of Things meet robotics in healthcare- Benefits and drivers of the Internet of Things in healthcare- Technavio looked at the global smart healthcare market and identified four factors. **(12 Hours)**

UNIT IV

Introduction to R: R and RStudio environment - RStudio Environment – Four Windows in R Studio. **Basics of R :**Set Working Directory in R – Comment Statements in R – Variables in R – Data Types in R – Operations in R – Functions in R – Vectors in R – Lists in R – Data Frames in R – Packages in R.**Simple Data Visualization Using R:** Generic Plot - Strip Chart - Stacked Bar Plot - Pie Chart - **Data Visualization Using Ggplots in R:** Scatter Plot - Line Plot - Boxplot - Violin Plot - Ridge Plot. **(12 Hours)**

UNIT V

LAB:

1. Demonstrate the usage of Numbers and Vectors in R.
2. Implement the concepts of Arrays and Matrices
3. Implement the concept of grouping and conditional execution on Data Frames and Lists

4. R program to take input from the user (name and age) and display the values. Also print the version of R installation.
5. R program to get the details of the objects in memory.
6. R program to create a sequence of numbers from 20 to 50 and find the mean of numbers from 20 to 60 and sum of numbers from 51 to 91.
7. R program to create a vector which contains 10 random integer values between -50 and +50.
8. R program to get the first 10 Fibonacci numbers. **(12Hours)**

BOOKS FOR STUDY:

1. "R for Everyone Advanced Analytics and Graphics", Jared P. Lander, Pearson Education, 2015.
2. Y. J. Fan, Y. H. Yin, L.D.X.Y.Z., Wu, F.: IoT - based smart rehabilitation system. In: IEEE Trans. Ind. Informat. pp. 1568-1577 (2014).

CHILD HEALTH NURSING - I

Semester: V

Hours: 4

Sub. Code: 22HC5MC05

Credit: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To identify the normal growth & development.	PSO - 1	K
CO - 2	To identify the needs / problems of children of various age groups.	PSO - 2	AP
CO - 3	Recognize the basic concepts, principles & technique of childcare.	PSO - 4	U
CO - 4	Understand the nursing care of neonates.	PSO - 3	S
CO - 5	Understand the nursing management in common nutrition problems.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: V		CHILD HEALTH NURSING - I										Hours: 4
Code : 22HC5MC05												Credits: 4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	2	3	4	4	4	3	2	2	3.09
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.18

Result: The Score for this Course is: **3.18** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Introduction : Concept of childcare - Principles of child health nursing - Rights of children - Qualities of a child health nurse - Role of child nurse in caring for a hospitalized child. (12 Hours)

UNIT II

Preventive pediatrics : Child welfare programmes - Immunization programme - Cold chain -Under five clinic - Well baby clinic. (12 Hours)

UNIT III

The Healthy child : Principles of growth & development - Factors affecting growth & development - Nutritional needs of children & infants - Breast feeding - Exclusive breast feeding - Supplementary / artificial feeding - Weaning - Accidents (causes & prevention) - Value of play & selection of play material. (12 Hours)

UNIT IV

Nursing care of a Neonates : Nursing care of a normal newborn / essentials new born care - Kangaroo mother care - Low birth weight - Preterm - Meconium - Neonatal infection & preventive measures. (12 Hours)

UNIT V

Nursing management in common nutrition problems : Nutritional deficiency disorder - Protein Energy Malnutrition - Vitamin & mineral deficiencies . (12 Hours)

BOOKS FOR STUDY:

1. Marlow & Redding, "Textbook Of Pediatric Nursing", Latest Edition, W. B. Saunders Company.
2. Marlin J. Hockenberry, "Wong's Essentials Pediatric Nursing", Mosby.
3. O.P. GHAI, GHAI, "Essential Pediatrics" Latest Edn. Inerprint, New Delhi.

COMMUNITY HEALTH NURSING - I

Semester: V

Hours: 4

Sub. Code: 22HC5MC06

Credit: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To understand the concept of community health nursing.	PSO - 1	K
CO - 2	To understand the nursing management of common communicable disease.	PSO - 2	AP
CO - 3	Gain the knowledge about environmental health.	PSO - 3	U
CO - 4	Gain the knowledge about disease transmitted through food.	PSO - 3	AN
CO - 5	Skill in community nursing process.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: V		COMMUNITY HEALTH NURSING - I										Hours: 4
Code : 22HC5MC06												Credits: 4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	5	2	3	3.54
CO - 2	3	4	3	2	3	4	4	4	3	2	2	2.90
CO - 3	4	4	2	2	5	3	5	4	3	2	2	3.27
CO - 4	3	4	2	3	4	2	4	3	3	3	2	3.00
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.16

Result: The Score for this Course is: **3.16** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5

Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Introduction : Definition -Concept & scope of community health nursing - Principles of community health nursing - Community nursing process - Community health.
(12 Hours)

UNIT II

Environmental health : Water supply (sources , pollution) - Water borne disease - Water purification - Disposal refuse - Housing -Ventilation, lighting, noise control.
(12 Hours)

UNIT III

Sanitation : Food sanitation - Disease transmitted through food - Milk as a transmitter of disease - Milk pasteurization - Balanced diet.
(12 Hours)

UNIT IV

Communicable & non-communicable disease : Epidemiology - Etiology - Pathogenesis - Prevention & control of communicable disease(malaria , cholera , tuberculosis , leprosy , diarrhea , ARI , poliomyelitis , viral hepatitis , measles , dengue , rabies , & AIDS) - Non -communicable disease(Coronary heart disease, hypertension, DM, & cancers).
(12 Hours)

UNIT V

Waste management : Bio medical waste treatment - Types of waste - Types of container - Segregation of hospital bio medical waste - Treatment & disposal - Radiation safety -Principles of radiation safety - Safety precautions - Protection method.
(12 Hours)

BOOKS FOR STUDY:

1. K.Park, "Text book of Preventive & Social Medicine" - current edition.
2. K.Park, "Essentials of Community Health Nursing".
3. Rao Kasturi , "An Introduction to Community Health Nursing" , I publications.
4. Freeman Ruth, "Community Health Nursing Practice"

CHILD HEALTH NURSING - I - LAB

Semester: V

Hours: 10

Sub. Code: 22HC5CP05

Credit: 10

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To identify the normal growth & development of children.	PSO - 1	K
CO - 2	Gain the knowledge about problems of children in various age group.	PSO - 2	S
CO - 3	Recognize the basic concepts, principles & Techniques of child care.	PSO - 4	S
CO - 4	To know about comprehensive nursing care to children suffering from disease.	PSO - 3	E
CO - 5	Skill in pre and post operative care to children.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: V		CHILD HEALTH NURSING - I - LAB										Hours: 10
Code : 22HC5CP05												Credits: 10
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	4	4	3	2	3	3.45
CO - 2	4	4	5	3	3	4	4	5	3	2	2	3.54
CO - 3	4	4	3	2	4	3	5	4	3	3	3	3.45
CO - 4	3	4	3	5	4	3	4	4	4	3	2	3.54
CO - 5	4	3	3	2	4	3	3	4	3	4	4	3.36
Overall Mean Score												3.46

Result: The Score for this Course is: **3.46** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5

Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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PRACTICALS:

1. Taking Pediatric history

- Family history
- Socio economic history
- Present medical history
- Immunization history

2. Physical examination & assessment of children

- Head circumference
- Midarm circumference
- Chest circumference
- Abdominal circumference

3. Apply restraints

- Definition
- Purpose
- Indications
- Types
- Procedure

4. Feed children by cup & spoon

- Definition
- Purpose
- Indications
- Articles
- Procedure

5. Collect specimens for common investigation

- Blood
- Urine
- Stool
- Pus

- sputum

6. Weaning

- Definition
- Purpose
- Indications
- Procedure
- Weaning foods

7. Play therapy.

- Definition
- Purpose
- Play materials
- Uses

8. Care of ostomies

- Definition
- Purpose
- Articles
- Indications
- Procedure

9. Urinary drainage

- Definition
- Purpose
- Articles
- Indications
- Types
- procedure

10. Care of wounds & dressing

- Definition
- Purpose
- Articles
- Indications
- Procedure
- After care

BOOKS FOR STUDY:

1. Marlow & Redding Textbook Of Pediatric Nursing, Latest Edition, W. B. Saunders Company.

2. Marlin J. Hockenberry, Wong's Essentials Pediatric Nursing, Mosby.
3. O.P. GHAI, GHAI Essential Pediatrics Latest Edn. Inerprint, New Delhi.

NUTRITION - I

Semester: V

Hours: 5

Sub. Code: 22HC5GS04

Credit: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To gain knowledge about concept of nutrition.	PSO -5	K
CO - 2	To know about importance, sources, functions and problems due to deficiency of carbohydrate.	PSO -5	AP
CO - 3	To gain knowledge about functions of fat in human body.	PSO -5	U
CO - 4	To gain knowledge about functions and deficiency of proteins.	PSO -5	AN
CO - 5	To understand the importance of vitamins.	PSO -5	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: V		NUTRITION - I										Hours: 5
Code : 22HC5GS04												Credits: 4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	4	4	4	4	3	5	3	3	2	3	3	3.09
CO - 2	3	4	4	3	3	4	4	4	3	3	2	3.36
CO - 3	4	4	3	3	4	3	5	4	3	3	2	3.18
CO - 4	3	4	3	3	5	5	4	2	4	3	2	3.45
CO - 5	4	2	3	3	4	2	3	4	3	3	3	3.09
Overall Mean Score												3.23

Result: The Score for this Course is: **3.23** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5

Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Introduction : Definition of Health - Role of nutrition in maintaining health - Nutrition problems in India - Factors affecting food & nutrition (Socio economic, cultural, tradition, life style, food habits etc) - Role of food & Function - Classification of foods by ICMR. (15 Hours)

UNIT II

Carbohydrates : Classification - Dietary sources - Function - Digestion / absorption, storage & deficiency. (15 Hours)

UNIT III

Fats : Classification - Dietary sources - Functions - Digestion, absorption & storage & deficiency. (15 Hours)

UNIT IV

Proteins : Classification - Dietary sources - Function - Digestion absorption & storage - Kwashiorkor - Marasmic- kwashiorkor. (15 Hours)

UNIT V

Vitamins : Classification (Fat soluble vitamins & Water soluble vitamins) - Functions - Digestion , absorption & storage - Vitamin A deficiency - Osteomalacia - Beriberi. (15 Hours)

BOOKS FOR STUDY:

1. Shubhangi Joshi, Nutrition & Dietetics 2nd ed , Tata McGraw - Hill Publishing company Limited, New Delhi , 2002.
2. Dr.M.Swaminathan, Hand book of Food & Nutrition, The Bangalore printing & publishing Co. Ltd. (Bangalore press) 2004.
3. Joshi V.D. Hand book of Nutrition & Dietetics vora medical publications, 1999.

BASICS OF ACCOUNTING

Semester: V

Hours: 4

Sub.Code: 22HC5GS05

Credit: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Have an idea about accounting principles-concepts and conventions.	PSO - 5	K
CO - 2	Get the knowledge about journal ledger and trial balance.	PSO -5	AP
CO - 3	Gain the knowledge about subsidiary books	PSO -5	U
CO - 4	Increase the knowledge about Bank reconciliation statement.	PSO -5	AN
CO - 5	Knowledge about the need and importance of final accounts.	PSO - 5	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: V		BASICS OF ACCOUNTING										Hours: 4
Code : 22HC5GS05												Credits: 4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	4	5	3	4	3	2	3	3.45
CO - 2	3	3	3	2	3	4	4	4	3	4	3	3.27
CO - 3	4	4	3	3	4	3	5	4	5	3	2	3.63
CO - 4	3	4	3	2	4	3	4	3	4	3	2	3.00
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.28

Result: The Score for this Course is: **3.28** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Meaning : Definition - Objectives - Functions of accounting - Limitation of Accounting - classification of Accounting - Rules of the double entry system - Advantage of double entry system - Accounting concepts - Accounting conventions. **(12 Hours)**

UNIT II

Journal : Meaning-Rules of journalizing, difference between trade discount and cash discount-preparation of journal- ledger -journal to ledger, and trial balance - objectives of trial balance and basic problems. **(12 Hours)**

UNIT III

Subsidiary books :classification of subsidiary books - cash book - single column - double column - three column cash book - petty cash book - purchase book - sales book - sales return book - purchase return book. **(12 Hours)**

UNIT IV

Bank reconciliation statements : Need - Reasons for the difference between cash book and pass book - procedures and preparation of bank reconciliation statement. **(12 Hours)**

UNIT V

Final accounts : Trading accounts - Profit and loss account - Balance sheet with simple adjustment items. **(12 Hours)**

BOOKS FOR STUDY:

1. S.P. Jain, K.L. Narang, Advanced Accountancy,2010, Kalyani Publication BOOKS FOR .
2. Shukla and Grewal, Financial Accounting, 2008, Sultan chand Publication.
3. Raman and Arulanandan, Financial Accounting, 2009, Pass Publication .
4. Jain Narang,Financial Accounting, 2004, Kalyani Publication.
5. Gupta and Radhaswamy, Financial Accounting, 2008, Prasanna Publication.

SOCIOLOGY

Semester : V

Hours: 3

Sub. Code: 22HC5GS06

Credits: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To Know about the structure of society.	PSO -5	K
CO - 2	To gain knowledge about social groups and social process.	PSO -5	AP
CO - 3	To know the relationship of the individual to the society.	PSO -5	U
CO - 4	Gain knowledge about dynamics of family and marriage.	PSO -5	AN
CO - 5	To know about social control and social problems.	PSO - 5	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: V		SOCIOLOGY										Hours: 3
Code : 22HC5GS06												Credits: 2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	4	4	3	4	3	5	3	4	3	2	3	3.45
CO - 2	3	4	4	2	3	4	4	4	3	2	2	3.18
CO - 3	4	4	3	2	4	3	5	2	4	3	2	3.27
CO - 4	3	4	2	2	4	2	5	3	4	3	2	3.09
CO - 5	4	2	3	2	4	4	3	4	3	4	5	3.45
Overall Mean Score												3.28

Result: The Score for this Course is: **3.28** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
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Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Introduction : Definition of sociology - Nature & scope of the discipline. **(9 Hours)**

UNIT II

Social groups : The meaning & classification of groups - Primary & secondary group - Class, tribe, caste - Economic, political - Social Process - Religious groups, crowd, public - Co -operation, competition, conflict - Accommodation - Assimilation & isolation. **(9 Hours)**

UNIT III

Population : Society & population - Population distribution in India - Population explosion in India & its impact on health status. **(9 Hours)**

UNIT IV

Family & marriage : Family - Function - Types (joint, nuclear, & extended family) - Characteristics - The modern family (Changes , problems dowry etc) - Marriage - Forms & functions of marriage - Marriage & family problems in India - Its influence on health & health practices. **(9 Hours)**

UNIT V

Social control : Nature & process of social control - Political, legal religious educational, economic, industrial - Social problems - Social disorganization - Poverty, housing & illiteracy - Rights of women & children - Child labor , child abuse , crime , substance abuse. **(9 Hours)**

BOOKS FOR STUDY:

1. Sachadeva Y.V., An introduction to sociology, Kithab Mahal; Allahabad
2. R.K.Manekar, Sociology for Nurses, Sivosankar T.P., Vora Medical Publications
3. K.P.Pothen, Sociology for Nurses, 3rd ed, N.R Brothers, Indore, C.N. Shankar Rao principals of sociology with introduction to social thoughts, S Chand E Company publishers

CLINICAL LAB TECHNOLOGY - I

Semester: V

Hours: -

Sub.Code: 22HC5SS01

Credits: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Serve as lab technicians.	PSO - 1	K
CO - 2	Analyze and report blood, urine, stool and sputum.	PSO - 2, PSO - 3	AP
CO - 3	Disseminate knowledge on common ailments.	PSO - 4	U
CO - 4	Explicate the safety measures in laboratories.	PSO - 3, PSO - 4	AN
CO - 5	Improve the quality of human life from dreadful diseases.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: V		CLINICAL LAB TECHNOLOGY - I										Hours: -
Code : 22HC5SS01												Credits: 2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	5	2	3	3.63
CO - 2	3	4	3	2	3	4	4	4	3	2	4	3.27
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	4	3	4	2	4	3	4	3	2	3.27
CO - 5	4	2	3	2	4	5	3	4	3	4	3	3.36
Overall Mean Score												3.37

Result: The Score for this Course is: **3.37** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
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Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Hematology : Composition of blood, Haemogram, Cell study - Counting of Cells (Differential count, Total count), Packed cell volume (PCV), Erythrocyte Sedimentation Rate (ESR), Hemoglobin Concentration (Hb), Bleeding Time (BT), Clotting Time (CT), Blood Pressure (Sphygmomanometer), Blood grouping and Rh - typing, Reading of arterial pulsation.

UNIT II

Analysis of Urine : Physical properties of Urine - Colour, volume, specific gravity, odour and pH. Chemical composition of Urine - Urine Sugar, albumin, bile salts and bile pigments, Microscopic examination of organised and unorganised sediments.

UNIT III

Analysis of stools : Macroscopic examination of stool - Microscopic examination of ova and cyst. Analysis of sputum - Macroscopic and microscopic examination of sputum. Gram stain and Acid Fast Bacilli (AFB).

UNIT IV

Clinical Chemistry : Blood Glucose, Blood Urea, and Blood Cholesterol. Blood Creatinine. Serology - Widal test for Enteric fever, Venereal Disease Research Laboratory test (VDRL). Safety measures in Laboratory.

UNIT V

Laboratory diagnosis : Causative organisms, mode of transmission, Clinical symptoms and laboratory diagnosis of Bacterial diseases - Tuberculosis, Typhoid and Tetanus. Viral Diseases - Jaundice and Polio. Venereal disease - Syphilis and Gonorrhea.

BOOKS FOR STUDY:

1. Kanai L., Mukherjee, volume 1 (2005), Volume2 (2005), Volume 3 (2008). Medical Laboratory Technology. A Procedure Manual for Medical Laboratory Technology. Routine diagnostic test

- Philip Evans., (1993). The family Medical Reference Book the essential Guide to Health and Medicine. Published by Little Brown under the Black cat imprint, London.
- Isidro Aguilar and Herminia Galbes., (1999). Encyclopedia of Health and Education for the family. Education and Health Library, Published under the title of Encyclopedia familiarraida, Amor Y se

CHILD HEALTH NURSING - II

Semester: VI

Hours: 4

Sub. Code: 22HC6MC07

Credit: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Gain knowledge about nursing management of childhood disease.	PSO - 1	K
CO - 2	To know about child health emergencies.	PSO -1	AP
CO - 3	To know about child genetic disorders.	PSO -2	U
CO - 4	Skill in know about neurological disorders.	PSO -3	AN
CO - 5	Gain knowledge about management of child social problems.	PSO - 4	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: VI		CHILD HEALTH NURSING - II										Hours: 4
Code :22HC6MC07												Credits: 4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	3	3	3.36
CO - 2	3	4	3	2	3	4	4	4	3	2	2	3.09
CO - 3	4	4	3	2	4	3	5	4	4	3	2	3.45
CO - 4	3	4	2	3	4	2	4	3	2	3	2	2.90
CO - 5	4	3	3	2	4	2	3	4	3	4	3	3.18
Overall Mean Score												3.19

Result: The Score for this Course is: **3.19** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5

Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Nursing management in common childhood disease : Infections -
Gastrointestinal infections - Rheumatoid Fever - Juvenile diabetes mellitus -
Diarrhea (12 Hours)

UNIT II

Child health emergencies : Poisoning - Foreign bodies - Shock - Hemorrhage -
Burns - Drowning - Snake bite. (12 Hours)

UNIT III

Genetic disorders : Down's syndrome - Turner's syndrome - Galctosemia - Mental
Retardation. (12 Hours)

UNIT IV

Neurological & hematological disorders : Convulsion - Head injury - Anemia -
Leukemia. (12 Hours)

UNIT V

Management of behavioral & social problems in children : Management of
common behavioral disorders - Management of common psychiatric problems -
Management of challenged children (Mentally, physically, socially challenged).
(12 Hours)

BOOKS FOR STUDY:

1. Marlow & Redding Textbook Of Pediatric Nursing, Latest Edition, W. B. Saunders Company.
2. Marlin J. Hockenberry, Wong's Essentials Pediatric Nursing, Mosby.
3. O.P. GHAI, GHAI Essential Pediatrics Latest Edn. Inerprint, New Delhi.

COMMUNITY HEALTH NURSING - II

Semester: VI

Hours: 4

Sub. Code: 22HC6MC08

Credit: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To understand the concept and scope of demography.	PSO - 1	K
CO - 2	To understand the impact of population explosion and population control.	PSO - 2, PSO - 3	AP
CO - 3	Skill in infection control.	PSO - 4	U
CO - 4	To gain knowledge about the social issues affecting health and development.	PSO - 3, PSO - 4	AN
CO - 5	To recognize the utilize community resources.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester:VI		COMMUNITY HEALTH NURSING - II										Hours: 4
Code :22HC6MC08												Credits: 4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	2	3	4	4	4	3	2	2	3.09
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.18

Result: The Score for this Course is: **3.18** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
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Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Population indicators : Definition - Methods of contraception-Long acting contraception - Hormonal contraception - Barrier method - Emergency contraception .
(12 Hours)

UNIT II

Alternative system of medicine : Acupuncture, Ayurveda,-Homeopathy, Naturopathy.
(12 Hours)

UNIT III

Infection control : Hospital acquired infection - Isolation of precautions (barrier nursing) - Hand washing technique - Personal protective equipment - Standard safety precautions.
(12 Hours)

UNIT IV

Social issues affecting health & development for self & family : Women empowerment - Women & child abuse - Abuse of elders - Female foeticide - Substance abuse.
(12 Hours)

UNIT V

Utilize community resources for self & family : Old age homes - Orphanages - Homes for physically & mentally challenged individuals - Homes for destitute.
(12 Hours)

BOOKS FOR STUDY:

1. K.Park, Text book of Preventive & Social Medicine - current edition
2. K.Park, Essentials of Community Health Nursing
3. Rao Kasturi , An Introduction to Community Health Nursing , I publications
4. Freeman Ruth, Community Health Nursing Practice

CHILD HEALTH NURSING - II - LAB

Semester: VI

Hours: 10

Sub. Code: 22HC6CP06

Credit: 8

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Provide comprehensive nursing care to children suffering from diseases & disorder.	PSO - 1	K
CO - 2	To identify the normal growth & development needs/Problems of children of various age group and deviations from normal.	PSO - 2	AP
CO - 3	To know the recognize basic concepts, principles & Techniques of child care& develop beginning ability to plan.	PSO - 4	U
CO - 4	Gain the knowledge about the care of baby incubator.	PSO - 3	AN
CO - 5	Skill in cardio pulmonary resuscitation.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: VI		CHILD HEALTH NURSING - II - LAB										Hours: 10
Code : 22HC6CP06												Credits: 8
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	2	3	4	4	4	3	2	2	3.09
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	3	4	2	4	3	4	3	2	3.09
CO - 5	4	2	3	2	4	2	3	4	3	4	3	3.09
Overall Mean Score												3.18

Result: The Score for this Course is: **3.18** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
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Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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PRACTICALS:

1. Health assessment

- Definition
- Purpose
- Process of health assessment
- Health history
- Physical examination
- Assessment

2. Development assessment

- Definition
- Purpose
- Articles
- Indications
- Assessment

3. Anthropometric assessment

- Head circumference
- Chest circumference
- Midarm circumference
- Abdominal circumference

4. Care of baby in Warmer

- Define Warmer
- Uses of Warmer
- Indications of Warmer
- Care of baby

5. Chest Physiotherapy

- Definition
- Purpose
- Indications

- Procedure

6. Phototherapy

- Definition
- Purpose
- Indications
- Procedure
- After care

7. Monitoring of babies

- Monitoring
- Recording

8. Cardio pulmonary resuscitation

- Airway
- Breathing
- Circulation

BOOKS FOR STUDY:

1. Marlow & Redding Textbook Of Pediatric Nursing, Latest Edition, W. B. Saunders Company.
2. Marlin J. Hockenberry, Wong's Essentials Pediatric Nursing, Mosby.
3. O.P. GHAI, GHAI Essential Pediatrics Latest Edn. Inerprint, New Delhi.

GERIATRIC NURSING

Semester: VI

Hours: 4

Sub. Code: 22HC6GS07

Credit: 4

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To give the knowledge about the nutrition and psychological aspect of geriatric.	PSO - 1	K
CO - 2	Understanding the disorders of elderly peoples.	PSO - 2	AP
CO - 3	Skill in identify the problem of elderly peoples.	PSO - 4	U
CO - 4	Gain the knowledge about risk and prevention of elderly peoples.	PSO - 3	AN
CO - 5	To gain knowledge about the stages of dying process.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: VI		GERIATRIC NURSING										Hours: 4
Code : 22HC6GS07												Credits: 4
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	5	2	3	3.54
CO - 2	3	4	3	2	3	4	4	4	3	2	4	3.27
CO - 3	4	4	3	4	4	3	5	4	3	3	2	3.54
CO - 4	3	4	2	3	4	2	4	3	4	3	4	3.27
CO - 5	4	2	3	2	4	3	3	4	3	4	3	3.18
Overall Mean Score												3.36

Result: The Score for this Course is: **3.36** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
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Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Nutrition : Need of dietary alteration - Energy needs of old - Physical activity -Diet related degenerative changes. **(12 Hours)**

UNIT II

Psychological aspect : personality changes - Social changes - Changes in family and living attachment - Depression - Psychological changes. **(12 Hours)**

UNIT III

Risk and prevention : Health risk in old age (Smoking, Alcohol, Abuse, Fall, Accident) - Prevention (Exercise, Screening, Prevention of accident, smoking cessation). **(12 Hours)**

UNIT IV

Common condition or disease of elderly : Fever - Anemia - Anorexia - Sleeping disturbances - Digestive problems - Genitourinary problems. **(12 Hours)**

UNIT V

Death care: Introduction - Denial - Anger - Bargaining -Depression - Acceptance - Preparation for burial - Organ donation. **(12 Hours)**

BOOKS FOR STUDY:

1. R.Sreevani, A Guide to mental Health & Psychiatric Nursing, 3rd ed, Jaypee brothers.
2. Kozier B et al, Fundamentals of Nursing concepts, process and practice, Pearson education, Inc 2nd Indian print 2004
3. Dr.M.Swaminathan, Hand book of Food & Nutrition, The Bangalore printing & publishing Co. Ltd. (Bangalore press) 2004.

NUTRITION - II

Semester: VI

Hours: 5

Sub. Code: 22HC6GS08

Credit: 3

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	To know the different types of nutrients, their importance, sources, functions and problems due to deficiency.	PSO - 1	K
CO - 2	To know the minerals in human body system.	PSO - 2	AP
CO - 3	To know about the water balances level.	PSO - 4	U
CO - 4	To plan balanced diet for individuals and various age groups.	PSO - 3	AN
CO - 5	To know about therapeutic diet.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: VI		NUTRITION - II										Hours: 5
Code : 22HC6GS08												Credits: 3
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	4	3	4	4	4	3	2	3	3.36
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	2	3	4	3	4	3	4	3	5	3.45
CO - 5	4	4	3	2	4	4	3	4	3	4	3	3.45
Overall Mean Score												3.37

Result: The Score for this Course is: **3.37** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

ENERGY : Basal metabolism - Definition - Body Mass Index(BMI) - Energy requirement of various groups. **(15 Hours)**

UNIT II

Minerals : Classification -Functions - Sources - Tetany - Anemia - Goiter. **(15 Hours)**

UNIT III

Water balances : Composition of body fluids - Water balance - Effects of fluid deficiency. **(15 Hours)**

UNIT IV

Food groups & balanced diet : ICMR 5 food groups - Functional of food. **(15 Hours)**

UNIT V

Therapeutic diets : Peptic ulcer - Coronary heart disease - Hypertension - Renal calculi - Diabetes mellitus - Diet consistency(Clear fluid, fluid diet, semi solid, solid soft). **(15 Hours)**

BOOKS FOR STUDY:

1. Shubhangi Joshi, Nutrition & Dietetics 2nded , Tata McGraw - Hill Publishing company Limited, New Delhi , 2002.
2. Dr.M.Swaminathan, Hand book of Food & Nutrition, The Bangalore printing & publishing Co. Ltd. (Bangalore press) 2004.
3. Joshi V.D. Hand book of Nutrition & Dietetics vora medical publications, 1999.

BUSINESS COMMUNICATION

Semester: VI

Hours: 3

Sub.Code: 22HC6GS09

Credit: 3

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Make the students to know the effectiveness of communication.	PSO -5	K
CO - 2	Acquire the in-depth knowledge in Business correspondence.	PSO - 5	AP
CO - 3	Acquire the practical knowledge about circulars and report writing.	PSO -5	U
CO - 4	Gain knowledge about Interview letter, Application letter and testimonial.	PSO - 5	AN
CO - 5	Insist the role of modern equipment in Business.	PSO - 5	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: VI		BUSINESS COMMUNICATION										Hours: 3
Code : 22HC6GS09												Credits: 3
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	2	2	3	3.27
CO - 2	3	4	3	4	3	4	4	4	3	2	3	3.36
CO - 3	4	4	3	4	4	3	5	4	3	3	2	3.54
CO - 4	3	4	2	3	4	4	4	3	4	3	2	3.27
CO - 5	4	3	3	2	4	3	3	4	3	4	3	3.27
Overall Mean Score												3.34

Result: The Score for this Course is: **3.34** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos= $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I

Communication : Meaning-communication cycle-principles of communication
Importance of effective Communication in Business. **(9 Hours)**

UNIT II

Need, functions and kinds of business letters : Mechanical parts of Business letter Various types of business letters - letter of enquiry and reply - quotations - Offers - Orders - Cancellation of orders. **(9 Hours)**

UNIT III

Circulars : status enquiries- Application for a situation - Reports - Meaning - definition - Characteristics of a good report. **(9 Hours)**

UNIT IV

Interview letter : Appointment letter - Promotion letter - Testimonials. **(9 Hours)**

UNIT V

Modern equipments in communication : Role of computers in Business Communication- meaning of internet, E-Mail. **(9 Hours)**

BOOKS FOR STUDY:

- ❖ Rajendra pal and J.S.Korlahalli , Essentials of Business communication, 2012, Sultan Chand Publication .

BOOKS FOR REFERENCE:

1. R.S.Pillai & Bagavathi, Business Communication, 2009, Sultan Chand Publication.
2. Ramesh MS. & Paten Shetty , Effective Business English & Communication, 2010, Sultan Chand Publication
3. L. Garkside , Modern Business Communication, 2007, Mac Millan Publication

YOGA AND RHYTHMIC ACTIVITY

Semester: VI

Hours: -

Sub. Code: 22HC6SS02

Credit: 2

COURSE OUTCOMES:

CO. NO.	UPON COMPLETION OF THIS COURSE THE STUDENTS WILL BE ABLE TO	PSO ADDRESSED	COGNITIVE LEVEL
CO - 1	Recall the principle of Asnas.	PSO - 1	K
CO - 2	Classify Pranayama for different needs.	PSO - 2	AP
CO - 3	Appraise the application and effects of Suryanamaskar for human wellness.	PSO - 4	U
CO - 4	Execute the techniques in Free Hand Exercise.	PSO - 3	AN
CO - 5	Construct Pyramids based on the underlying principles.	PSO - 1	AP

RELATIONSHIP MATRIX FOR COURSE OUTCOMES, PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Semester: VI		YOGA AND RHYTHMIC ACTIVITY										Hours: -
Code : 22HC6SS02												Credits: 2
Course Outcomes	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)					Mean Score of CO's
	1	2	3	4	5	6	1	2	3	4	5	
CO - 1	3	4	3	4	3	5	3	4	4	2	3	3.45
CO - 2	3	4	3	4	3	4	4	4	3	3	3	3.45
CO - 3	4	4	3	2	4	3	5	4	3	3	2	3.36
CO - 4	3	4	4	3	4	2	4	3	4	3	4	3.45
CO - 5	4	4	3	2	4	2	3	4	3	4	3	3.27
Overall Mean Score												3.39

Result: The Score for this Course is: **3.39** (High Relationship)

Note:

Mapping	1-20%	21 - 40%	41 - 60%	61 - 80%	81 - 100%
Scale	1	2	3	4	5
Relation	0.0 - 1.0	1.1 - 2.0	2.1 - 3.0	3.1 - 4.0	4.1 - 5.0
Quality	Very Poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of Cos = $\frac{\text{Total of Values}}{\text{Total No. of Pos \& PSOs}}$	Mean Overall Score for Cos = $\frac{\text{Total of Mean Scores}}{\text{Total No. of Cos}}$
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UNIT I:

ASNAS: Sitting Postures - Standing Posture - Prone Posture - Supine Postures.

UNIT II:

PRANAYAMA: Pranayama - Suga Pranayama - Chandra bethana - NadiSudhi - Ujjayee - Seethali - Seethakari - Brahmari.

UNIT III:

SURYANAMASKAR: Suryanamaskar: 12 Postures - 12 Postures & Breathe consioius - 12 Postures With manthra - Relaxation Techniques.

UNIT IV:

CALLISTHENICS (FREE HAND EXERCISE): Standing series - Bending series - Sitting series - Twisting series - Dumb - bells - Indian Clubs - Lezium - Hoops.

UNIT V:

AEROBICS & PYRAMIDS: Aerobics: Aerobic Basics - Aerobic Movements - Aerobic WithRhythm - Aerobic Programme Pyramids: Basics of Pyramids - Types of Pyramids

BOOKS FOR STUDY:

1. WuestJeborah, A and Charles A. Bucher (1987), 'Foundation of Physical Education, B.I Publication Pvt.Ltd. New Delhi.
2. Elangovan.R, (2002), 'Utarkalvi Oru Arimugam', Ashwin Publication, Triunelveli.
3. Chandrasekaran.K, (1999), 'Sound Health through Yoga, Prem Kalyan Publication, Sedapatti.
4. Iyengar, B.K.S, 'Lights on Yoga', Unwin Hyman Company, London

General education: Practical:

1hrs - 1 credit

Theory:

2hrs - 1 credit

Skill component: Practical:
1hrs - 1 credit

Theory:
1hrs - 1 credit