

# **GUIDELINES AND COURSE REGULATIONS**

**(2019 - 2022)**

## **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 (3<sup>rd</sup> Cycle) by NAAC in May, 2014 with 3.36 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. Under Graduate Programme

Program	UGC FUND
B.Voc Degree	Health care
	Beauty wellness
<b>Total</b>	<b>2</b>

## 2. Course Pattern

### (B.Voc Degree Programme)

PART-I	Tamil
PART-II	English
PART- III	Major Core
	Allied Core
	Community Service
	Internship Training
PART-IV	General 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. Community service:

It is an outreach programme which aims at creation of social awareness among student's related to health care & beauty wellness.

### 3.7. 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%

### 3.8. 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.

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

### 3.9. CIA for Environmental Studies

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

<b>Components</b>	<b>Marks</b>
Test I	40
Test II	40
Environment Trip Report	10
Assignment	10
<b>Total</b>	<b>100</b>

### 3.10. CIA for Foundation Course (Office Automation)

<b>Components</b>	<b>Marks</b>
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
<b>Total</b>	<b>100</b>

### 3.11. 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.

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

### 3.12. Continuous Internal Assessment (Theory)

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

<b>Components</b>	<b>Marks</b>
Test –I	30
Test –II	30
Seminar/Quiz	10
Assignment	5
Attendance	5
<b>Total</b>	<b>80</b>

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

### **Internship**

<b>Internal marks</b>		<b>External marks</b>	
Performance	40	Record	10
Attendance	10	Viva voce	40
<b>Total</b>	<b>50</b>	<b>Total</b>	<b>50</b>

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.

#### **3.13. 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.

#### **3.14. 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.

### **4. 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).

**4.1. The Composition of Code**

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

**4.2. Department Code**

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

**a. B.Voc (Health Care):**

S. NO	TITLE PAPER	CODE
1.	Tamil-1-இந்திய மூலிகைகள்	19HC1GT01
2.	Communicative English -I	19HC1GE01
3.	Nursing Foundation-I	19HC1MC01
4.	Nursing Foundation-I- Lab	19HC1CP01
5.	Anatomy & Physiology-I	19HC1AC01
6.	Life Coping Skills	19HC1GS01
7.	Office Automation	19HC1AE01
8.	Tamil-II- பழந்தமிழில் அறிவியல்	19HC2GT02
9.	Communicative English –I	19HC2GE02
10.	Nursing Foundation-II	19HC2MC02
11.	Nursing Foundation-II- Lab	19HC2CP02
12.	Anatomy & Physiology-II	19HC2AC02
13.	Internship	19HC2IP01
14.	Value Education	19HC2GS02
15.	Internet Technology	19HC2AE02
16.	Tamil-III- சுற்றுலாவியல்	19HC3GT03
17.	Communicative English-III	19HC3GE03
18.	Medical Nursing -I	19HC3MC03
19.	Medical Nursing-I- Lab	19HC3CP03
20.	Maternity Child Health	19HC3AC03
21.	Environmental Studies	19HC3GS03



22.	Data Analysis using Excel	19HC3AE03
23.	Tamil-IV- நாட்டுப்புறவியல்	19HC4GT04
24.	Communicative English -IV	19HC4GE04
25.	Medical Nursing -II	19HC4MC04
26.	Medical Nursing II- Lab	19HC4CP04
27.	Mental Health Nursing	19HC4AC04
28.	Internship	19HC4IP02
29.	Medical IoT	19HC4AE04
30.	Child Health Nursing-I	19HC5MC05
31.	Community Health Nursing - I	19HC5MC06
32.	Child Health Nursing- Lab	19HC5CP05
33.	Nutrition -I	19HC5GS04
34.	Basics of Accounting	19HC5GS05
35.	Sociology	19HC5GS06
36.	Self Study- Clinical lab technology - I	19HC5SS01
37.	Child Health Nursing-II	19HC6MC07
38.	Community Health Nursing- II	19HC6MC08
39.	Child Health Nursing – II – Lab	19HC6CP06
40.	Community Service	19HC6PR01
41.	Internship	19HC6IP03
42.	Nutrition -II	19HC6GS07
43.	Business Communication	19HC6GS08
44.	Self Study- Yoga & Rhythmic Activity	19HC6SS02

## 5. 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:

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

### 5.1. The Scheme of Awarding Grade

<b>Range of Percentage of OPM</b>	<b>Grade Points</b>	<b>Letter Grade</b>	<b>Description</b>
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-Appear
Absent	0.0	AAA	ABSENT

## 5.2. Declaration of Result (B.Voc)

Ms. \_\_\_\_\_ has successfully completed Under Graduate Programme in\_\_\_\_\_.  
The student's Overall Performance is

<b>PART</b>	<b>GPA</b>	<b>Grade</b>	<b>Grade Legend</b>
I			
II			
III			
IV			
V			

and has earned the mandatory minimum 180 Credits.

**DEPARTMENT OF B.VOC**

**HEALTH CARE**

**PROGRAMME OUTCOMES - B.Voc.**

<b>PO. NO.</b>	<b>UPON COMPLETION OF THIS PROGRAMME THE STUDENTS WILL BE ABLE TO</b>
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.**

<b>PSO</b>	<b>UPON COMPLETION OF THIS PROGRAMME THE STUDENTS WILL BE ABLE TO</b>	<b>PO MAPPED</b>
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's 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	Cultivate communicative competency and writing skills required in job market.	PO - 1 PO - 4
PSO-5	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 - 5 PO - 6

## B.VOC (HEALTH CARE)

### COURSE PATTERN (2019 - 2022)

SEM	PART	CODE	TITLE PAPER	HRS	CREDITS
I	I	19HC1GT01	Tamil-1- இந்திய மூலிகைகள்	2	2
	II	19HC1GE01	Communicative English -I	2	2
	III	<b>19HC1MC01</b>	<b>Nursing Foundation-I</b>	<b>4</b>	<b>4</b>
	III	<b>19HC1CP01</b>	<b>Nursing Foundation-I-Lab</b>	<b>14</b>	<b>14</b>
	III	19HC1AC01	Anatomy & Physiology-I	2	2
	IV	19HC1GS01	Life Coping Skills	2	2
		19HC1AE01	Office Automation	4	4
			<b>TOTAL</b>	<b>30</b>	<b>30</b>
II	I	19HC2GT02	Tamil-II- பழந்தமிழில் அறிவியல்	2	2
	II	19HC2GE02	Communicative English –I	2	2
	III	<b>19HC2MC02</b>	<b>Nursing Foundation-II</b>	<b>6</b>	<b>6</b>
	III	<b>19HC2CP02</b>	<b>Nursing Foundation-II-Lab</b>	<b>12</b>	<b>10</b>
	III	19HC2AC02	Anatomy & Physiology-II	3	3
	III	<b>19HC2IP01</b>	<b>Internship</b>		<b>2</b>
	IV	19HC2GS02	Value Education	2	2
19HC2AE02		Internet Technology	3	3	
			<b>TOTAL</b>	<b>30</b>	<b>30</b>
III	I	19HC3GT03	Tamil-III- சுற்றுலாவியல்	2	2

	II	19HC3GE03	Communicative English-III	2	2
	III	19HC3MC03	Medical Nursing -I	4	4
	III	19HC3CP03	Medical Nursing-I- Lab	14	14
	III	19HC3AC03	Maternity Child Health	3	3
	IV	19HC3GS03	Environmental Studies	2	2
		19HC3AE03	Data Analysis using Excel	3	3
			<b>TOTAL</b>	<b>30</b>	<b>30</b>
IV	I	19HC4GT04	Tamil-IV- நாட்டுப்புறவியல்	2	2
	II	19HC4GE04	Communicative English -IV	2	2
	III	19HC4MC04	Medical Nursing -II	6	6
	III	19HC4CP04	Medical Nursing II- Lab	12	10
	III	19HC4AC04	Mental Health Nursing	4	4
	III	19HC4IP02	Internship		2
	IV	19HC4AE04	Medical IoT	4	4
			<b>TOTAL</b>	<b>30</b>	<b>30</b>
V	III	19HC5MC05	Child Health Nursing-I	4	4
	III	19HC5MC06	Community Health Nursing - I	4	4
	III	19HC5CP05	Child Health Nursing - I- Lab	10	10
	IV	19HC5GS04	Nutrition -I	5	4
		19HC5GS05	Basics of Accounting	4	4
		19HC5GS06	Sociology	3	2

		19HC5SS01	Self Study- Clinical lab technology - I	-	2	
			<b>TOTAL</b>	<b>30</b>	<b>30</b>	
<b>VI</b>	<b>III</b>	<b>19HC6MC07</b>	<b>Child Health Nursing-II</b>	<b>4</b>	<b>4</b>	
	<b>III</b>	<b>19HC6MC08</b>	<b>Community Health Nursing- II</b>	<b>4</b>	<b>4</b>	
	<b>III</b>	<b>19HC6CP06</b>	<b>Child Health Nursing – II – Lab</b>	<b>10</b>	<b>8</b>	
	<b>III</b>	<b>19HC6IP03</b>	<b>Internship</b>		<b>2</b>	
	<b>IV</b>		19HC6PR01	Community Service	4	4
			19HC6GS07	Nutrition -II	5	3
			19HC6GS08	Business Communication	3	3
			19HC6SS02	Self Study- Yoga & Rhythmic Activity	-	2
			<b>TOTAL</b>	<b>30</b>	<b>30</b>	

### **PATTERN OF EVALUATION**

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

<b>Paper</b>	<b>Internal marks</b>	<b>External marks</b>	<b>Total marks</b>
Theory	40	60	100
Practical	50	50	100

#### **CIA Components:**

<b>Theory marks</b>			<b>Practical marks</b>		
Test – I	:	30	Lab Work	:	20

Test – II	:	30	Record	:	10
Seminar / Quiz	:	10	Test / Viva	:	15
Assignment	:	5	Attendance		5
Attendance		5			
<b>Total</b>	<b>:</b>	<b>80*</b>	<b>Total</b>	<b>:</b>	<b>50</b>

### Internship

Internal marks		External marks	
Performance	40	Record	10
Attendance	10	Viva voce	40
<b>Total</b>	<b>50</b>	<b>Total</b>	<b>50</b>

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)



## இந்திய மூலிகைகள்

பருவம்: ஒன்று

நேரம்: 2

குறியீடு: 19HC1GT01

புள்ளி: 2

நோக்கம்:

நம் நாட்டிலுள்ள மூலிகைகளின் சிறப்பினை அறிந்து அதைப் பயன்படுத்தி, நாடும் வீடும் நலம்பெற வேண்டும் என்ற எண்ணத்தை மாணவியர் மனதில் ஊட்டுதல்.

அலகு 1

நேரம்:6

தாமரை - முன்தோன்றிய முது மூலிகை.

அலகு 2

நேரம்:6

சுக்கு - செளபாக்கிய மூலிகை.

அலகு 3

நேரம்:6

மிளகு - நறுமண மூலிகைகளின் அரசன்.

அலகு 4

நேரம்:6

திப்பிலி - பிணி தீர்க்கும் மாமருந்து.

அலகு 5

நேரம்:6

ஏலக்காய் - சிறுநீரகப் பாதுகாப்பு.

பாடநூல்:

ஆர்.எஸ். நாராயணன் - தொல் சிறப்புள்ள இந்திய மூலிகைகள்  
தாமரை பப்ளிகேஷன்ஸ் (பி) லிட்  
அம்பத்தூர், சென்னை - 98.  
இரண்டாம் பதிப்பு - 2013.

பார்வை நூல்:

முனைவர்.ந.கணேசன் - கொல்லி மலையில் சித்த மருத்துவத்தின் பயன்பாடுகள்  
நியூசெஞ்சுரி புக்ஹவுஸ், சென்னை - 98  
முதற்பதிப்பு - நவம்பர் 2009.

## COMMUNICATIVE ENGLISH –I

Semester : I

Hours : 2

Sub. Code: 19HC1GE02

Credits: 2

### COURSE OUTCOME:

- ❖ Introducing to the students about the process of Communication and kinds of communication; imbibing the various interpersonal skills needed for interaction.
- ❖ Learning the meaning and value of effective communication and its importance.
- ❖ Helping them to avoid the barriers of listening; effective listening skills.
- ❖ Making them to respond using varied expression.
  
- ❖ Helping the students to know about basics of grammar in order to read, understand and frame on the own.

### UNIT – I

Hours: 6

#### PROCESS OF COMMUNICATION

- ❖ **The process of communication**
- ❖ **Elements of communication**
- ❖ **Types of messages**
  - Intended messages
  - Perceived messages
- ❖ **Different types of verbal communication**
  - Listening skills
  - Talking

### UNIT – II

Hours: 6

#### EFFECTIVE COMMUNICATION

- ❖ **Effective communication**
- ❖ **Guidelines for effective communication**
- ❖ **Improving personal relationship**
  - Factors that determine friendship
  - Meeting people for the first time
  - Developing friendships
  - 3 steps towards better relationships
  - Lack of acceptance

## **UNIT – III**

**Hours: 6**

### **TYPES OF LISTENING SKILLS**

#### **❖ Types of Listening Skills**

- Passive listening
- Acknowledgement
- Door openers
- Content paraphrase
- Active listening
- Non verbal observation
- Responding to legitimate dependency
- Granting requests

## **UNIT – IV**

**Hours: 6**

### **SITUATIONAL COMMUNICATION**

- ❖ **Greeting**
- ❖ **Introduction**
- ❖ **Inviting Someone**
- ❖ **Making Requests**
- ❖ **Seeking Permission**

## **UNIT – V**

**Hours: 6**

### **GRAMMAR**

#### **❖ Parts of Speech**

- Noun
- Verb
- Adjective

#### **❖ Present Tense**

- Simple present tense
- Present Perfect Tense
- Present Continuous Tense
- Present Perfect Continuous Tense

### **BOOKS FOR REFERENCE:**

1. “Walking The Extra Mile” a text book on Interpersonal Relationship and Communication Skills, Dr.XavierAlponse S.J.
2. Living English Grammar&Composition Tickoo M.L. & Subramaniam A.E,Oriental Longman,New Delhi.
3. English Grammar &Composition Wren& Martin,S.Chand Publications-2005,Delhi.

## NURSING FOUNDATION –I

**Semester: I**

**Hours: 4**

**Sub. Code: 19HC1MC01**

**Credit: 4**

### **COURSE OUTCOME:**

- ❖ Knowledge on concept of health, health – illness, health care delivery system.
- ❖ Skill in documentation
- ❖ Knowledge on scope of nursing theory
- ❖ Skill in health assessment and monitoring of patients
- ❖ Skill in applying steps of nursing process in the care of clients in the hospital & community

### **UNIT –I**

**Hours: 12**

#### **Introduction of health**

- ❖ Definition of Health
- ❖ Concept of health
- ❖ Factors influencing health
- ❖ Causes and risk factors for developing illness
- ❖ Body defenses
- ❖ Immunity & immunization
- ❖ Health care services
- ❖ Health promotion & prevention
- ❖ Primary health care, diagnosis & treatment, rehabilitation
- ❖ Health care teams
- ❖ Types of health care agencies
- ❖ Health promotion and level of disease prevention
- ❖ Role of nurses

### **UNIT –II**

**Hours: 12**

#### **Hospital Admission & Discharge**

##### 1-Admission to the hospital

- ❖ Unit & its preparation (Types of bed)
- ❖ Admission procedure
- ❖ Roles & responsibilities of the nurse

## 2-Discharge from the hospital

- ❖ Discharge planning
- ❖ Roles & responsibilities of the nurse
- ❖ Care of the unit after discharge

### **UNIT –III**

**Hours: 12**

#### **Documentation & reporting**

1. Purpose of recording & reporting
2. Types of records & its maintaining
  - ❖ Ward records
  - ❖ Medical / nursing records
3. Reporting
  - ❖ Change of shift reports
  - ❖ Transfer reports
  - ❖ Incident reports

### **UNIT –IV**

**Hours: 12**

#### **Communication**

- ❖ Levels, elements, types, modes, process
- ❖ Factors influencing communication
- ❖ Nurse patient relationships

### **UNIT –V**

**Hours: 12**

#### **Vital signs**

- Guidelines for taking vital signs
  - ❖ Assessment of body temperature
  - ❖ Assessment of pulse
  - ❖ Assessment of respiration
  - ❖ Assessment of Blood pressure & Reporting & documentation

#### **BOOKS FOR REFERENCE:**

1. Potter A.P.,Perry A.G.Fundamentals of nursing, C.V. Mosby company, Louis 6<sup>th</sup> ed 2005.
2. Kozier B et al, Fundamentals of Nursing concepts, process and practice, Pearson education, Inc 2<sup>nd</sup> Indian print 2004
3. Dugas B.W. Introduction to patient care Saunders, 4<sup>th</sup> ed 1983.
4. Brunner and sudharth Test book of Medical surgical nursing 10<sup>th</sup> ed2002

## **NURSING FOUNDATION –I LAB**

**Semester: I**

**Hours: 14**

**Sub. Code: 19HC1CP01**

**Credit: 14**

### **COURSE OUTCOME:**

This course is designed to help the students to develop an understanding of the process of nursing in various clinical settings. It is aimed at helping the students to acquired knowledge, understanding & skills in techniques of nursing & practices them in clinical settings.

### **SKILLS**

- ❖ Vital Signs
- ❖ Bed making
- ❖ Oral care
- ❖ Hair care
- ❖ Nail care
- ❖ Comfort Devices
- ❖ Position & gait
- ❖ Hand Washing Technique
- ❖ First aid

## ANATOMY & PHYSIOLOGY-I

**Semester: I**

**Hours: 2**

**Sub. Code: 19HC1AC01**

**Credit: 2**

### **COURSE OUTCOME:**

- ❖ To know the general & microscopic structure & functions of the body
- ❖ Apply the knowledge of anatomy & physiology in the practice of nursing
- ❖ Understanding the effect of alterations in structures & function
- ❖ To gain knowledge about circulatory system
- ❖ To gain knowledge about respiratory system.

### **UNIT -I**

#### **Introduction**

**Hours: 6**

- ❖ Definition of Anatomy & Physiology
- ❖ Organization of human body
- ❖ Cell structure & Functions
- ❖ Types of Tissues
- ❖ Membranes

### **UNIT –II**

**Hours: 6**

#### **The skeletal system**

- ❖ Structure of the bone
- ❖ Types
- ❖ Functions

### **UNIT-III**

**Hours: 6**

#### **Circulatory system**

- ❖ Structure of the heart
- ❖ Functions of heart
- ❖ Circulation of the heart

### **UNIT –IV**

**Hours: 6**

#### **The respiratory system**

- ❖ Organs of the respiratory system
- ❖ Functions of the lungs

- ❖ Mechanism of the respiration
- ❖ Muscle respiration

**UNIT –V**

**Hours: 6**

**The Nervous system**

- ❖ Central nervous system
- ❖ Peripheral system

**BOOKS FOR REFERENCE**

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



## LIFE COPING SKILLS

**Semester : I**

**Hours: 2**

**Sub. Code: 19HC1GS01**

**Credits: 2**

### **COURSE OUTCOME:**

- Attain Coping Skills to Face this Competitive World
- Learn to Think Positively in all Situations
- Understand about Goal and steps to be taken to attain Goal
- To be able to Manage Time in their life because “Managing Time is Managing Life”
- Learn Techniques to Handle Stress

### **UNIT I : COPING AND SELF ESTEEM**

**(9HOURS)** 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.

### **UNIT II: POSITIVE THINKING AND MOTIVATION**

**(9HOURS)**

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.

### **UNIT III : GOAL SETTING AND STRESS MANAGEMENT**

**(9HOURS)**

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.

### **UNIT IV: TIME MANAGEMENT AND COPING WITH STUDY PROBLEM**

**(9HOURS)**

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.

## **UNIT V: CAREER GUIDANCE**

**(9HOURS)**

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

### **TEXT BOOK:**

- **Course Text prepared by Parent Department.**

### **REFERENCE BOOK:**

1. **“WE SHALL OVERCOME”**, a textbook on Life Coping Skills, Dr. Xavier Alphonse S.J.
2. Ravikanth Rao .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: 19HC1AE01**

**Credits: 4**

### **COURSE OUTCOME:**

- ❖ To provide an in-depth knowledge about the use of office automation packages, internet and intranet tools and web hosting etc.
- ❖ To provide training about the usage of modern office for day to day office management and e-governance.
- ❖ To help the candidates to get acquainted with IT and cyber laws, taxes, financial rules to be followed by the public and private officers.
- ❖ To develop a create document that demonstrate proficiency in the use of word processing, and presentation application.
- ❖ Bridge the fundamental concepts of computers with the present level of knowledge of the student.

### **UNIT – I**

**Hours: 9**

#### **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.

### **UNIT – II**

**Hours: 9**

#### **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.

### **UNIT – III**

**Hours:**

#### **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.

### **UNIT – IV**

**Hours: 9**

#### **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.

### **UNIT - V**

**Hours: 9**

#### **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.

### **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 REFERENCE:**

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.

பழந்தமிழில் அறிவியல்

பருவம்: இரண்டு

நேரம்: 2

குறியீடு: 19HC2GT02

புள்ளி: 2

நோக்கம்: தமிழ் இலக்கியங்களில் காணப்படும் அறிவியல் கூறுகளை அறியச் செய்தல்.

அலகு 1

நேரம்: 6

பழந்தமிழில் அறிவியல்

அலகு 2

நேரம்: 6

கொல்லி

அலகு 3

நேரம்: 6

ஆமை

அலகு 4

நேரம்: 6

நறுமணக்கோதை

அலகு 5

நேரம்: 6

திருவாசகம் என்னும் அறிவியல் கருவூலம்.

பாடநூல்:

முனைவர் க.பலராமன் -

பழந்தழிலக்கியத்தில் அறிவியல்,

உலகத் தமிழாராய்ச்சி நிறுவனம்,

சென்னை - 13,

முதல் பதிப்பு -2009.

பார்வை நூல்:

இராம.சுந்தரம் -

தமிழ் வளர்க்கும் அறிவியல்,

நியூ செஞ்சரி புக் ஹவுஸ்,

சென்னை, முதல் பதிப்பு -2009.

## COMMUNICATIVE ENGLISH –II

Semester : II

Hours : 2

Sub. Code: 19HC2GE02

Credits: 2

### COURSE OUTCOME:

- ❖ Helping the students to avoid communication blocks in order to succeed in communication which builds relationships.
- ❖ Nurturing the skills of communication through the study of manner of Public Speaking; elements of Speaking; characteristics of public speaking.
- ❖ Understanding of Non-Verbal Communication.
- ❖ Enriching in varied expressions of Everyday Communication.
- ❖ To make the students write with proper understanding of the cue and also using different styles.

### UNIT-I

Hours: 6

#### COMMUNICATION BLOCKS

- ❖ **Communication blocks**
  - Solution/Advice-Order/Command
  - Threats
  - Moralising
  - Criticising
  - Praising/Sympathize/Being Humorous
  - Asking Unnecessary or Probing Questions.

### UNIT-II

Hours: 6

#### PUBLIC SPEAKING-VERBAL COMMUNICATION

- ❖ **Introduction**
- ❖ **Manner of public speaking**
- ❖ **Elements of public speaking**
- ❖ **Steps to successful delivery of the speech**
  - Tone of Voice
  - Emphasis used in Speech
  - Content of Speech
  - Use of Figurative Speech
  - Use of Humor
  - Speed of Speech

- Pronunciation
- Pitch of voice
- Personal appearance

### **UNIT – III**

**Hours: 6**

#### **NON VERBAL COMMUNICATION**

##### **❖ Body language**

- Gaze
- Posture
- Gestures
- Proximity
- Touch

### **UNIT-IV**

**Hours: 6**

#### **SITUATIONAL COMMUNICATION**

- ❖ **Complimenting and Congratulating**
- ❖ **Expressing Sympathy and Condolence**
- ❖ **Apoloizing**
- ❖ **Making Suggestions**

### **UNIT-V**

**Hours: 6**

#### **COMPOSITION**

##### **❖ Formal Letter**

- Placing Orders of nursing things.

##### **❖ Resume writing**

- Application for the job of a Nursing Assistant.

#### **BOOKS FOR REFERENCE:**

1. “Walking The Extra Mile” a text book on Interpersonal Relationship and Communication Skills, Dr.XavierAlponse S.J.
2. Living English Grammar&Composition Tickoo M.L. & Subramaniam A.E,Oriental Longman,New Delhi.
3. English Grammar &Composition Wren& Martin,S.Chand Publications-2005,Delhi.



## NURSING FOUNDATION-II

**Semester: II**

**Hours: 6**

**Sub. Code: 19HC2MC02**

**Credit: 6**

### **COURSE OUTCOME:**

- ❖ Skill in health assessment and monitoring of patients.
- ❖ Skill in carrying out basic nursing care procedures
- ❖ Skill in caring for patients with alterations in body functions.
- ❖ Skill in meeting basic psychosocial needs of the clients
- ❖ Skill in applying steps of nursing process in the care of clients in the hospital & community

### **UNIT – I**

**Hours: 18**

#### **Administration of Medications**

- ❖ Principle
- ❖ Rights of Drugs
- ❖ Purposes of medication
- ❖ Routes of Administration
- ❖ Side Effects
- ❖ Nurses Responsibilities

### **UNIT – II**

**Hours: 18**

#### **Health assessment**

- ❖ Purpose
- ❖ Process of health assessment
- ❖ Health history
- ❖ Physical examination
  - a. Inspection
  - b. Palpation
  - c. Percussion
  - d. Auscultation
- ❖ Assessment of each body system
- ❖ Recording of health assessment

## **UNIT – III**

**Hours: 18**

### **Meeting needs of patient**

- ❖ Maslow's hierarchy of needs
- ❖ 1-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 etc
- ❖ Role of nurse in providing safe & clean environment

## **UNIT – IV**

**Hours: 18**

### **Meeting needs of preoperative patient**

Definition & concept of peri operative nursing

1. Pre operative phase
  - ❖ preparation patient for surgery
  - ❖ Changes of OT dress, mask cap etc
2. Intra operative phase
  - ❖ Operation theatre setup & environment
  - ❖ Role of nurse
- 3 Post operative care
  - ❖ Wounds (types, classification, wound healing process wound complication)
  - ❖ care of wounds
    - Application of bandages (blinders, splint, slings)
  - ❖ Hot & cold application

**Infection control in Hospital setting**

- ❖ Control measures for different types of infection
- ❖ Isolation precautions
- ❖ Types , uses & technique of wearing the disposal
- ❖ Sterilization
- ❖ Sterilization method
- ❖ Sterilization of instruments(Autoclave)

**BOOKS FOR REFERENCE**

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

## **NURSING FOUNDATION II LAB**

**Semester: II**

**Hours: 12**

**Sub. Code: 19HC2CP02**

**Credit: 10**

### **COURSE OUTCOME:**

This course is designed to help the students to develop an understanding of the process of nursing in various clinical settings. It is aimed at helping the students to acquired knowledge, understanding & skills in techniques of nursing & practices them in clinical settings.

### **SKILLS**

- ❖ Catheter Care
- ❖ Administration of medication
- ❖ Pre & post operative care
- ❖ Sponge bath
- ❖ Back Care
- ❖ Active & passive exercise
- ❖ Deep breathing exercise
- ❖ Bandages(circular ,spiral , spiral reverse figure of eight)
- ❖ Suppositories
- ❖ Hot water bag
- ❖ Wound care
- ❖ Perineal care
- ❖ CPR

## ANATOMY & PHYSIOLOGY-II

**Semester: II**

**Hours: 3**

**Sub. Code: 19HC2AC02**

**Credit: 3**

### **COURSE OUTCOME:**

- ❖ To know the general and microscopic structure and functions of each system of the body
- ❖ To know the general structure and function of the body as a whole
- ❖ Apply the knowledge of anatomy and physiology in the practice of nursing
- ❖ To gain knowledge about excretory system
- ❖ To gain knowledge about reproductive system.

### **UNIT –I**

**Hours: 9**

#### **The Sensory System**

- ❖ Structure & functions of Sensory system

### **UNIT –II**

**Hours: 9**

#### **The Digestive system**

- ❖ Mouth (tooth, mastication, salivary glands, and deglutition)
- ❖ Esophagus
- ❖ Stomach
- ❖ Intestine
- ❖ Liver, biliary & pancreas

### **UNIT –III**

**Hours: 9**

#### **The Excretory system**

Structure of the organs of urinary system & functions

(Kidney, Ureter , Urinary bladder , Urethra)

## **UNIT – IV**

**Hours: 9**

### **The Endocrine system**

Pituitary, thyroid & parathyroid, pancreas, adrenal, thymas

## **UNIT –V**

**Hours: 9**

### **The Reproductive system**

- ❖ Structure of the male & female reproductive organs & functions
- ❖ Structure of the breast & function
- ❖ Function of the reproductive organs

### **BOOKS FOR REFERENCE:**

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

## VALUE EDUCATION

**Semester: II**

**Hours: 2**

**Sub. Code: 19HC2GS02**

**Credit: 2**

### **COURSE OUTCOMES:**

- ❖ Develop positive attitude towards life
- ❖ Internalize human values and sense one's personal identity and growth
- ❖ Face challenges in life positively with a knowledge on life coping skills
- ❖ Uphold the dignity of women
- ❖ Contribute more for women development and women empowerment

### **UNIT I**

**Hours: 6**

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

### **UNIT II**

**Hours: 6**

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

### **UNIT III**

**Hours: 6**

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**

**Hours: 6**

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

**Hours: 6**

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)

### **COURSE BOOK:**

❖ 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. M.K. JhNkhjud; KJepiy Nguhrphpah; - ,NaR fhl;Lk ; Nahfk;. md;G newp ntspaPL jpz;Lf;fy;.
3. Dennis K. Kelly, "Achieving Unlimited Success", Indra Publishing House, Bhopal, 2009
4. Felix Koikara, SDB., "Live Your Values"-Teacher's Guide, Don Bosco Youth Animation Centre, Ennore, Madras, 1990
5. Elizabeth B. Hurlock, 'Personality Development, TMH Publications, New Delhi, 2004.



# INTERNET TECHNOLOGY

**Semester: II**

**Hours: 3**

**Sub. Code: 19HC2AE02**

**Credits: 3**

## **COURSE OUTCOME:**

- ❖ To understand the historical background and evolution of today's Internet;
- ❖ To understand client/server relationships in the context of the Internet and intranets;
- ❖ Able to the intent technologies present the student with an introduction, applications and tools.
- ❖ In this lesson, we will give a brief overview of the internet, and we will talk about some fundamental concepts such as networks, servers, and clients.
- ❖ The World Wide Web service is emphasized and basic web page creation with HTML is introduced.

## **UNIT-I**

**Hours: 9**

### **INTRODUCTION:**

#### ❖ **What is Internet**

Type:

- LAN
- WAN

#### ❖ **Server and Client**

#### ❖ **The World Wide Web(WWW)**

- HTML
- URL

## **UNIT-II**

**Hours: 9**

#### ❖ **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

**UNIT-III**

**Hours: 9**

❖ **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

**UNIT-IV**

**Hours: 9**

**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

**UNIT-V**

**Hours: 9**

**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

**LAB:**

- How to connect Internet through WIFI & Hotspot & LAN
- Browse With UPL
- How to Download Image, audio
- How to Download Video
- Convert Video to Audio
- Resize Image, Image resolution and Compose Image
- Convert PNG Images & JPEG Image
- How to Create E-Mail ID proof on Your Own
- To Compose Mail Difference Between CC&BCC
- Forward & Replaying E-mail

## **BOOKS FOR REFERENCE:**

1. Berisha-Namani, M. (2010). Biznesi elektronik. Prishtine.
2. Croteau, A.M., & Bergeron, F. (2001). An Information Technology Trilogy: Business Strategy,
3. Technological Deployment and Organizational Performance. *Journal of Strategic Information Systems*, vol. 10, 77-99.

## சுற்றுலாவியல்

பருவம்: மூன்று

நேரம்: 2

குறியீடு: 19HC3GT03

புள்ளி: 2

நோக்கம்:

சுற்றுலாவின் தனித்தன்மையையும் அதன் சிறப்புக்களையும் எடுத்துரைத்தல்.

அலகு 1

நேரம்: 6

சுற்றுலா விளக்கம் - சுற்றுலாவின் வகைகள்.

அலகு 2-

நேரம்: 6

சுற்றுலாவின் நோக்கங்கள் - சுற்றுலாவைத் தூண்டும் காரணிகள்.

அலகு 3

நேரம்: 6

சுற்றுலாவிற்குரிய அடிப்படைக் கூறுகள்.

அலகு 4

நேரம்: 6

சுற்றுலாத் துறையை மேம்படுத்துதல்.

அலகு 5

நேரம்: 6

சுற்றுலாத் தொழிலின் முக்கியத்துவம் - நன்மைகள் - தீமைகள்.

பாட நூல்:

முனைவர். ச. ஈஸ்வரன் - சுற்றுலாவியல் ஓர் அறிமுகம்

சாரதா பதிப்பகம்,

சென்னை - 14.

முதற்பதிப்பு ஏப்ரல் - 2010.

பார்வை நூல்:

ஆர். சாந்தகுமாரி -

சுற்றுலாவியல்

சாந்தா பப்ளிஷர்ஸ், சென்னை - 14.

இரண்டாம் பதிப்பு ஜூன் - 2002.

## COMMUNICATIVE ENGLISH -III

Semester : III

Hours : 2

Sub. Code: 19HC3GE03

Credits: 2

### COURSE OUTCOME:

- ❖ Describing the different types of Leadership Communication.
- ❖ Learning to value the strength of others; developing team work and communication.
- ❖ Learning the varied situational communication.
- ❖ Introducing new vocabularies; knowing their meanings and its usage in a sentence.
- ❖ Helping the students to understand the basics of English grammar.

### UNIT – I

Hours: 6

#### LEADERSHIP COMMUNICATION

- ❖ **Definition of Leadership**
- ❖ **Types of Leadership**
  - Authoritarian Leadership
  - Consultative leadership
  - Participative Leadership
  - Laissez-faire Leadership
- ❖ **Shared Leadership**
- ❖ **Ten principles for Leadership Communication**
- ❖ **Styles of Leadership.**

### UNIT – II

Hours: 6

#### TEAM COMMUNICATION

- ❖ **What is Team Communication?**
- ❖ **Characteristics of Team Members**
- ❖ **Achieving Effectiveness through Team Communication**
- ❖ **The Components of Communication**
- ❖ **Characteristics of highly cohesive Teams.**
- ❖ **Ways to improve Team Communication**

## UNIT – III

Hours: 6

### SITUATIONAL CONVERSATIONS

#### ❖ Linguaphone Training

- Usage of Please
- Usage of Thank You
- Usage of Hello

#### ❖ Situational Conversation

- At the Bank
- At the Parlor
- In a Shopping Mall

## UNIT – IV

Hours: 6

### VOCABULARY

#### ❖ Vocabulary:Synonyms-Antonyms-Prefix-Suffix

## UNIT – V

Hours: 6

### GRAMMAR

#### ❖ Parts of Speech

- Adverb
- Conjunction
- Preposition

#### ❖ Past Tense

- Simple Past tense
- PastContinuous Tense
- Past Perfect Tense
- Past Perfect Continuous Tense.

### BOOKS FOR REFERENCE:

1. “Walking The Extra Mile” a text book on Interpersonal Relationship and Communication Skills, Dr.XavierAlponse S.J.
2. Living English Grammar&CompositionTickoo M.L.  
&SubramaniamA.E,OrientalLongman,New Delhi.
3. English Grammar &Composition Wren&Martin,S.Chand Publications-2005,Delhi.

## MEDICAL NURSING -I

**Semester: III**

**Hours: 4**

**Sub. Code: 19HC3MC03**

**Credit: 4**

### **COURSE OUTCOME:**

- Skill in health assessment and monitoring of patients
- Skill in carrying out basic nursing care procedures
- Skill in identify the problem of the patient i

### **UNIT – I**

**Hours: 12**

#### **Introduction**

- ❖ Review of concepts of health & illness
- ❖ Outpatient department
- ❖ Inpatient unit
- ❖ Infection control
- ❖ Wound healing

### **UNIT –II**

**Hours: 12**

#### **Common signs & symptoms & management**

- ❖ Vomiting
- ❖ Dyspnea
- ❖ Cough
- ❖ Fever
- ❖ Shock
- ❖ Pain

### **UNIT –III**

**Hours: 12**

#### **Nursing management of patients with Respiratory problems**

- ❖ Bronchitis
- ❖ Asthma
- ❖ Pulmonary tuberculosis
- ❖ Pleural effusion
- ❖ Chest Injury



#### **UNIT –IV**

**Hours: 12**

##### **Nursing Management of patients with disorders of digestive system**

- ❖ Disorders of oral cavity
- ❖ Hernia
- ❖ Gastritis
- ❖ Peptic & duodenal ulcer
- ❖ Colitis
- ❖ Hemorrhoids

#### **UNIT –V**

**Hours: 12**

##### **Nursing management of patients with Cardio Vascular problems**

- ❖ Hypertension
- ❖ Angina
- ❖ Myocardial Infarction
- ❖ Anaemia

#### **BOOKS FOR REFERENCE**

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

## **MEDICAL NURSING -I LAB**

**Semester: III**

**Hours: 14**

**Code: 19HC3CP03**

**Credits: 14**

### **COURSE OUTCOME:**

This course is designed to help the students to develop an understanding of the philosophy, objectives, theories and process of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in clinical setting.

- ❖ Practice of medical asepsis
- ❖ Administration of medications (oral , IV, IM, subcutaneous, sub dermis)
- Monitoring of patients in ICU
- Maintain flow sheet
- Catherization
- Collect specimens
- Pulse oximetry
- CPR
- Deep breathing exercise
- Sitz bath

## MATERNAL CHILD HEALTH NURSING

**Semester: III**

**Hours: 3**

**Sub. Code: 19HC3AC03**

**Credit: 3**

### **COURSE OUTCOME:**

- Gain the knowledge about ante natal , intra natal & post natal care of patient
- Safe & quality care of mother & child

### **UNIT –I**

**Hours:9**

#### **REVIEW OF FEMALE REPRODUCTIVE ORGANS**

- ❖ External & internal genital organs
- ❖ Pelvic organs
- ❖ Female urethra
- ❖ The urinary bladder
- ❖ Uterus
- ❖ The breast

### **UNIT –II**

**Hours: 9**

#### **FUNDAMENTALS OF REPRODUCTION**

- ❖ Gamatogenesis  
(Ovulation, fertilization, morula, implantation)
- ❖ Placenta structure & function
- ❖ Amniotic fluid
- ❖ The umbilical cord

### **UNIT –III**

**Hours :9**

#### **ANTE NATAL CARE**

- ❖ Procedure
- ❖ Antenatal advice & check up
- ❖ Minor ailments in pregnancy
- ❖ Pre-conceptual counseling & care

## **UNIT –IV**

**Hours: 9**

### **INTRA NATAL CARE**

- ❖ Definition of Labour
- ❖ True pain
- ❖ False pain
- ❖ Mechanism of normal labour
- ❖ Management of normal labour

## **UNIT-V**

**Hours: 9**

### **PUERPERIUM & NEONATE CARE**

- ❖ Definition
- ❖ Involution of the uterus
- ❖ Lactation
- ❖ Management of normal puerperium
- ❖ Post natal care
- ❖ Neonatal care
- ❖ Cord care

### **BOOKS FOR REFERENCE**

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", 16<sup>th</sup> ed

## ENVIRONMENTAL STUDIES

**Semester: III**

**Hours: 2**

**Code: 19HC3GS03**

**Credits: 2**

### **COURSE OUTCOMES:**

- ❖ Recall the components of our planet earth.
- ❖ Elucidate and understand the importance of Natural resources.
- ❖ Summarises the energy status of the environment.
- ❖ Acquire knowledge on the conservation of our environment.
- ❖ Analyze the significance of water and climate towards sustainable development.

### **UNIT I:**

**Hours: 6**

MULTIDISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES Definition, scope and importance - Need for public awareness.

### **UNIT II:**

**Hours: 6**

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 life styles.

### **UNIT III:**

**Hours: 6**

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.

### **UNIT IV:**

**Hours: 6**

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.

**UNIT V:****Hours: 6**

**SOCIAL ISSUES AND THE ENVIRONMENTS** From unsustainable to sustainable development - Urban problems related to energy Water conservation, rain water 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, wild life protection act.

**BOOKS FOR REFERENCE:**

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

UNIT I: Section - 1.1 &amp; 1.2

UNIT II: Section - 1.3 to 1.37

UNIT III: Section - 2.1 to 2.7 &amp; 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**

**Code: 19HC3AE03**

**Credits: 3**

### **COURSES OUTCOME:**

1. To Develop the Data Processing Skill In MS Excel
2. To Develop the Data Analysis And Data Visualization Skill

### **UNIT – I**

**Hours: 9**

**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.

### **UNIT – II**

**Hours: 9**

**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.

### **UNIT – III**

**Hours: 9**

**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.

### **UNIT – IV**

**Hours: 9**

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

**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.

**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.



## நாட்டுப்புறவியல்

பருவம்: நான்கு

நேரம்: 2

குறியீடு: 19HC4GT04

புள்ளி: 2

நோக்கம் :

நாட்டுப்புறக் கலைகளை மாணவர்களுக்கு அறிவித்தல்.

அலகு 1

நேரம்: 9

நாட்டுப்புறவியல் கல்வி ஒரு விளக்கம்.

அலகு 2

நேரம்: 9

நாட்டுப்புறக் கைவினைக் கலைகள்.

அலகு 3

நேரம்: 9

பண்பாடு - நாட்டுப்புற விளையாடல்கள்.

அலகு 4

நேரம்: 9

நாட்டுப்புற நம்பிக்கைகள்

அலகு 5

நேரம்: 9

பழமொழிகள்

பாடநூல்:

சு. சண்முகசுந்தரம் - நாட்டுப்புறவியல்,  
பாரி முனை,  
சென்னை - 6000108,  
மறு பதிப்பு - அக்டோபர் - 1999.

பார்வைநூல்:

சு. சக்திவேல் - நாட்டுப்புறவியல் ஆய்வு  
மணிவாசகர் பதிப்பகம்,  
சென்னை-108, 7-ஆம் பதிப்பு - 2006.

## COMMUNICATIVE ENGLISH -IV

Semester : IV

Hours : 2

Sub. Code: 19HC4GE04

Credits: 2

### COURSE OUTCOME:

- ❖ Inculcating the art of group discussion to excel in group communication.
- ❖ Helping them to know about interview; making the students face the interview committee.
- ❖ Inculcating Presentation Skills.
- ❖ To help the students understand the Components of a meaning & conversion into different kinds of speech.
- ❖ To make the students write with proper understanding of the cue and also using different styles.

### UNIT – I

Hours: 9

#### GROUP DISCUSSION

- ❖ **Group Discussion**
- ❖ **Guidelines for group discussion**
  - Goal-Directed Discussion
  - Responsibility of every member
  - Co-operation and not Conflict
  - Leadership
- ❖ **Factors that matter in a Group Discussion**
  - Power of Expression
  - Knowledge of the subject
  - Flexibility
  - Liveliness

### UNIT – II

Hours: 9

#### INTERVIEW SKILLS

- ❖ **Definition of Interview**
- ❖ **Kinds of Interview**
  - Journalistic Interview
  - Counseling Interview
  - Employment Interview
  - Promotion Interview
  - Annual Interview

❖ **Success in Interview**

- Things you must do in interview
- Things not to do in interview.

**UNIT – III**

**Hours: 9**

**PRESENTATION SKILLS**

❖ **The Nature of the Audience**

❖ **Organize your presentation**

❖ **The Structure of the Presentation**

- Format your Presentation for Effective Delivery
- Developing your argument
- Organize the content for audience impact
- Organize the content for direct audience impact
- Bringing the presentation to life-Presentation Plan

**UNIT – IV**

**Hours: 9**

**GRAMMAR**

❖ **Future Tense**

- Simple Future Tense
- Future Continuous Tense
- Future Perfect Tense
- Future Perfect Continuous Tense

❖ **Framing Questions**

**UNIT – V**

**Hours: 9**

**COMPOSITION**

❖ **Report Writing**

- Report on Nursing Problem.

❖ **Welcome Speech**

❖ **Vote of Thanks**

**BOOKS FOR REFERENCE:**

1. “Walking The Extra Mile” a text book on Interpersonal Relationship and Communication Skills, Dr.XavierAlponse S.J.
2. Living English Grammar&CompositionTickoo M.L.  
&SubramaniamA.E,OrientalLongman,New Delhi.
3. English Grammar &Composition Wren&Martin,S.Chand Publications-2005,Delhi.

## MEDICAL NURSING – II

**Semester: IV**

**Hours: 6**

**Sub. Code: 19HC4MC04**

**Credit: 6**

### **COURSE OUTCOME:**

- Skill in health assessment and monitoring of patients
- Skill in carrying out basic nursing care procedures

### **UNIT –I**

**Hours: 18**

#### **Nursing management of patients with Genito-urinary problems**

- ❖ Nephritis
- ❖ Renal Calculus
- ❖ Acute renal failure
- ❖ End stage renal disease
- ❖ Infection of Urinary bladder & urethra

### **UNIT –II**

**Hours: 18**

#### **Nursing management of patients with Reproductive system**

- ❖ Review of Anatomy & Physiology
- ❖ Infertility
- ❖ Contraception
- ❖ Tumor

### **UNIT –III**

**Hours: 18**

#### **Nursing management of patients with disorders of Endocrine system**

- ❖ Review of Anatomy & Physiology
- ❖ Diabetes Mellitus
- ❖ Diabetes Insipidus
- ❖ Adrenal Tumor
- ❖ Hyper & hypothyroidism
- ❖ Breast abscess

### **UNIT –IV**

**Hours: 18**

#### **Nursing management of patients with disorders of Musculo skeletal system**

- ❖ Review of Anatomy & Physiology
- ❖ Bones dislocation

- ❖ Fracture
- ❖ Osteomalacia
- ❖ Osteoporosis
- ❖ Trauma

**UNIT –V**

**Hours: 18**

**Nursing management of patient with Communicable disease**

- ❖ Tuberculosis
- ❖ Diarrhea
- ❖ Chicken pox
- ❖ Typhoid
- ❖ Meningitis
- ❖ Leprosy
- ❖ Dengue
- ❖ Influenza
- ❖ HIV & AIDS
- ❖ Hepatitis

**BOOKS FOR REFERENCE**

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

## **MEDICAL NURSING –II LAB**

**Semester: IV**

**Hours: 10**

**Code: 19HC4CP04**

**Credits: 10**

### **COURSE OUTCOME:**

This course is designed to help the students to develop an understanding of the philosophy, objectives, theories and process of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in clinical setting.

- ❖ Practice of medical asepsis
- ❖ Nebulization
- Eye drop instillation
- Emergency tray / trolley
- Total parenteral therapy
- Sitz bath
- Perform active & passive exercise
- Counsel the patient and family in dealing with grieving and bereavement
- Enema
- Sterilization method
- Assist in legal procedures in emergency unit
- Care of ostomies

## **MENTAL HEALTH NURSING**

**Semester: IV**

**Hours: 4**

**Sub. Code: 19HC4AC04**

**Credit: 4**

### **COURSE OUTCOME:**

- ❖ To know the knowledge about the mental hygiene & mental illness
- ❖ Understanding the effects of disorders & therapies

### **UNIT-I**

**Hours: 12**

#### **Introduction**

- ❖ Definition
- ❖ Scope of psychology
- ❖ Role of mental health nursing
- ❖ Characteristics of good mental health

### **UNIT –II**

**Hours: 12**

#### **Cognitive processes**

- ❖ Attention(types ,degree ,&alteration)
- ❖ Perception(principles ,factors affecting error)
- ❖ Memory(types )
- ❖ Thinking(types , stages of development)
- ❖ Intelligence(Classification uses)

### **UNIT –III**

**Hours: 12**

#### **Motivational & emotional processes**

- ❖ Motivation (conflict ,frustration)
- ❖ Emotion(definition, components)
- ❖ Stress(Cycle , coping mechanism)

## **UNIT – IV**

**Hours: 12**

### **Personality**

- ❖ Definition
- ❖ Types
- ❖ Psychometric assessment of personality
- ❖ Alteration in personality

## **UNIT –V**

**Hours: 12**

### **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)

### **BOOKS FOR REFERENCE**

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



## MEDICAL IOT

**Semester: IV**

**Hours: 4**

**Code: 19HC4AE04**

**Credits: 4**

### **COURSE OUTCOME:**

- ❖ Discuss the basic concepts of R programming language such as variables, data types, functions and installation procedures.
- ❖ Explore the methods to read data and basic functions to work on data.
- ❖ Apply the control statements and loops to solve different problems.

### **UNIT – I**

**Hours: 12**

#### **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.

### **UNIT – II**

**Hours: 12**

**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

### **UNIT – III**

**Hours: 12**

**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

### **UNIT – IV**

**Hours: 12**

**Getting R:** - Downloading R- R Version- 32-bit versus 64-bit – Installing – Revolution R Community Edition.

**Basics of R:** - Basic Math- Variables- Data types- Vectors- Calling Function- Function Documentation- Missing Data.

1. R program to take input from the user (name and age) and display the values. Also print the version of R installation.
2. R program to get the details of the objects in memory.
3. 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.
4. R program to create a vector which contains 10 random integer values between -50 and +50.
5. R program to get the first 10 Fibonacci numbers.

#### **BOOKS FOR REFERENCE**

1. windriver.com: White Paper:Security in the Internet of Things - Lessons from the Past for the Connected Future (2013)
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: 19HC5MC05**

**Credit: 4**

### **COURSE OUTCOME:**

- ❖ Students identify the normal growth & development
- ❖ To identify the needs / problems of children of various age groups
- ❖ Recognize the basic concepts , principles & technique of child care

### **UNIT – I**

#### **Introduction**

**Hours: 12**

- ❖ Concept of child care
- ❖ Principles of child health nursing
- ❖ Rights of children
- ❖ Qualities of a child health nurse
- ❖ Role of child nurse in caring for a hospitalized child

### **UNIT – II**

**Hours: 12**

#### **Preventive pediatrics**

- ❖ Child welfare programmes
- ❖ Immunization programme
- ❖ Cold chain
- ❖ Under five clinic
- ❖ Well baby clinic

### **UNIT – III**

**Hours: 12**

#### **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

**UNIT – IV**

**Hours: 12**

**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

**UNIT – V**

**Hours: 12**

**Nursing management in common nutrition problems**

- ❖ Nutritional deficiency disorders
- ❖ Protein Energy Malnutrition
- ❖ Vitamin & mineral deficiencies

**BOOKS FOR REFERENCE:**

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: 19HC5MC06**

**Credit: 4**

### **COURSE OUTCOME:**

- To understand the concept of community health nursing
- To understand the nursing management of common communicable disease

### **UNIT – I**

**Hours: 12**

#### **INTRODUCTION**

- ❖ Definition
- ❖ Concept & scope of community health nursing
- ❖ Principles of community health nursing
- ❖ Community nursing process
- ❖ Community health

### **UNIT – II**

**Hours: 12**

#### **ENVIRONMENTAL HEALTH**

- ❖ Water supply (sources , pollution)
  - Water borne disease
  - Water purification
- ❖ Disposal refuse
- ❖ Housing
- ❖ Ventilation, lighting, noise control

### **UNIT – III**

**Hours: 12**

#### **SANITATION**

- ❖ Food sanitation
- ❖ Disease transmitted through food
- ❖ Milk as a transmitter of disease
- ❖ Milk pasteurization

- ❖ Balanced diet

## **UNIT – IV**

**Hours: 12**

### **COMMUNICABLE & NON-COMMUNICABLE DISEASE**

- Epidemiology
- Etiology
- ❖ Pathogenesis

#### 1-Prevention & control of communicable disease

(malaria , cholera , tuberculosis , leprosy , diarrhea , ARI , poliomyelitis , viral hepatitis , measles , dengue , rabies , & AIDS )

#### 2- Non –communicable disease

(Coronary heart disease, hypertension, DM, & cancers)

## **UNIT – V**

**Hours: 12**

### **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

### **BOOKS FOR REFERENCE**

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: 19HC5CP05**

**Credit: 10**

### **COURSE OUTCOME:**

This course is designed for student identify the normal growth & development needs/problems of children of various age group and deviations from normal, recognize the basic concepts, principles & Techniques of child care & develop beginning ability to plan & provide comprehensive nursing care to children suffering from diseases & disorder.

#### **a. Nursing care to children with various medical disorders.**

- ❖ Taking Pediatric history.
- ❖ Physical examination & assessment of children.
- ❖ Apply restraints.
- ❖ Feed children by cup & spoon.
- ❖ Collect specimens for common investigation.
- ❖ Weaning
- ❖ Play therapy.

#### **b. Provide Pre & Post operative care to children:**

- ❖ Care of ostomies
- ❖ Urinary drainage
- ❖ Care of wounds & dressing

## NUTRITION -I

**Semester: V**

**Hours: 4**

**Sub. Code: 19HC5GS04**

**Credit: 4**

### **COURSE OUTCOME:**

- ❖ To understand the concept of nutrition & health
- ❖ Different type of nutrients , their importance , sources , function & problems due to deficiency
- ❖ To plan balanced diet for individuals & groups

### **UNIT -1**

**Hours: 12**

#### **INTRODUCTION**

- ❖ Definition of Health
- ❖ Role of nutrition in maintaining health
- ❖ Nutrition problems India
- ❖ Factors affecting food & nutrition

(Socio economic, cultural, tradition, life style, food habits etc)

- ❖ Role of food & Function
- ❖ Classification of foods by ICMR

### **UNIT –II**

**Hours: 12**

#### **CARBOHYDRATES**

- ❖ Classification
- ❖ Dietary sources
- ❖ Function
- ❖ Digestion / absorption, storage. & deficiency

### **UNIT –III**

**Hours: 12**

#### **FATS**

- ❖ Classification
- ❖ Dietary sources
- ❖ Functions
- ❖ Digestion, absorption & storage & deficiency



## **UNIT –IV**

**Hours: 12**

### **PROTEINS**

- ❖ Classification
- ❖ Dietary sources
- ❖ Function
- ❖ Digestion absorption & storage
- ❖ Kwashiorkor
- ❖ Marasmic - kwashiorkor

## **UNIT –V**

**Hours: 12**

### **VITAMINS**

- ❖ Classification  
(Fat soluble vitamins & Water soluble vitamins)
- ❖ Functions
- ❖ Digestion , absorption & storage
- ❖ Vitamin A deficiency
- ❖ Osteomalacia
- ❖ Beriberi

### **BOOKS FOR REFERENCE**

1. Shubhangi Joshi, Nutrition & Dietetics 2<sup>nd</sup> 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

## **BASIC OF ACCOUNTING**

**Semester: V**

**Hours: 4**

**Sub.Code:19HC5GS05**

**Credit: 4**

### **COURSE OUTCOMES:**

- ❖ Have an idea about accounting principles-concepts and conventions.
- ❖ Get the knowledge about journal ledger and trial balance.
- ❖ Gain the knowledge about subsidiary books
- ❖ Increase the knowledge about Bank reconciliation statement.
- ❖ Educate the student about the need and importance of final accounts.

### **UNIT I**

**Hours: 12**

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.

### **UNIT II**

**Hours:12**

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.

### **UNIT III**

**Hours: 12**

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.

### **UNIT IV**

**Hours: 12**

Bank reconciliation statements - Need - Reasons for the difference between cash book and pass book - procedures and preparation of bank reconciliation statement.

## **UNIT V**

**Hours: 12**

Final accounts - Trading accounts - Profit and loss account - Balance sheet with simple adjustment items.

### **BOOKS FOR REFERENCE:**

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 - I**

**Semester : V**

**Hours: 2**

**Sub. Code: 19HC5GS06**

**Credits: 2**

### **COURSE OUTCOME:**

- ❖ Know the structure & the dynamics of the society
- ❖ The relationship of the individual to the society

### **UNIT –I**

**Hours: 6**

#### **Introduction**

- Definition of sociology
- Nature & scope of the discipline

### **UNIT –II**

**Hours: 6**

#### **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

### **UNIT –III**

**Hours: 6**

#### **Population**

- Society & population -
- Population distribution in India
- Population explosion in India & its impact on health status

## **UNIT –IV**

**Hours: 6**

### **Family & marriage**

#### 1-Family

- ❖ Function
- ❖ Types (joint, nuclear, & extended family)
- ❖ Characteristics
- ❖ The modern family (Changes , problems dowry etc)

#### 2-Marriage

- ❖ Forms & functions of marriage
- ❖ Marriage & family problems in India

Its influence on health & health practices

## **UNIT –V**

**Hours: 6**

### **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

### **BOOKS FOR REFERENCE:**

1. Sachadeva Y.V., An introduction to sociology, Kithab Mahal; Allahabad
2. R.K.Manekar, Sociology for Nurses, SivosankarT.P., Vora Medical Publications
3. K.P.Pothen, Sociology for Nurses, 3<sup>rd</sup> 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

**Semester: V**

**Hours:**

**Sub.Code : 19HC5SS01**

**Credits: 2**

### **COURSE OUTCOMES:**

- ❖ Serve as lab technicians.
- ❖ Analyze and report blood, urine, stool and sputum.
- ❖ Disseminate knowledge on common ailments.
- ❖ Explicate the safety measures in laboratories.
- ❖ Improve the quality of human life from dreadful diseases.

### **UNIT I**

Haematology - Composition of blood, Haemogram, Cell study - Counting of Cells (Differential count, Total count), Packed cell volume (PCV), Erythrocyte Sedimentation Rate (ESR), Haemoglobin Concentration (Hb), Bleeding Time (BT), Clotting Time (CT), Blood Pressure (Sphygmomanometer), Blood grouping and Rh - typing, Reading of arterial pulsation. (12 Hours)

### **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. (12 Hours)

### **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). (12 Hours)

### **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. (12 Hours)

## **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 Gonorrhoea. (12 Hours)

### **BOOKS FOR REFERENCE:**

1. Kanai L., Mukherjee, volume 1 (2005), Volume 2 (2005), Volume 3 (2008). Medical Laboratory Technology. A Procedure Manual for Medical Laboratory Technology. Routine diagnostic test
2. 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.
3. Isidro Aquilar and Herminia Galbes., (1999). Encyclopedia of Health and Education for the family. Education and Health Library, Published under the title of Encyclopedia familiarria, Amor Y se

## **CHILD HEALTH NURSING -II**

**Semester: VI**

**Hours: 4**

**Sub. Code: 19HC6MC07**

**Credit: 4**

### **COURSE OUTCOME:**

- ❖ Ability to plan & provide comprehensive nursing care to children , suffering from disease
- ❖ Helps to management of children with congenital disorders

### **UNIT – I**

**Hours: 12**

#### **NURSING MANAGEMENT IN COMMON CHILDHOOD DISEASE**

- ❖ Infections
- ❖ Gastrointestinal infections
- ❖ Rheumatoid Fever
- ❖ Anaemia
- ❖ Juvenile diabetes mellitus

### **UNIT – II**

**Hours: 12**

#### **CHILD HEALTH EMERGENCIES**

- ❖ Poisoning
- ❖ Foreign bodies
- ❖ Shock
- ❖ Hemorrhage
- ❖ Burns
- ❖ Drowning
- ❖ Snake bite

### **UNIT – III**

**Hours: 12**

#### **GENETIC DISORDERS**

- ❖ Supportive care in individual & family
- ❖ Down's syndrome



- ❖ Turner's syndrome
- ❖ Galctosemia
- ❖ Mental Retardation

**UNIT – IV**

**Hours: 12**

**NEUROLOGICAL &HEMATOLOGICAL DISORDERS**

- ❖ Convulsion
- ❖ Head injury
- ❖ Anemia
- ❖ Leukemia

**UNIT – V**

**Hours: 12**

**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)

**BOOKS FOR REFERENCE:**

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: 19HC6MC08**

**Credit: 4**

### **COURSE OUTCOME:**

- To understand the concept and scope of demography
- To understand the impact of population explosion and population control

### **UNIT – I**

**Hours: 12**

#### **POPULATION INDICATORS**

- ❖ Definition
- ❖ Problems of population growth
- ❖ Methods of contraception
- ❖ Long acting contraception
- ❖ Hormonal contraception
- ❖ Barrier method
- ❖ Emergency contraception
- ❖ Medical termination of pregnancy ( Tubectomy , vasectomy)

### **UNIT – II**

**Hours: 12**

#### **ALTERNATIVE SYSTEM OF MEDICINE**

(Acupuncture, Ayurveda , Homeopathy , Naturopathy)

### **UNIT – III**

**Hours: 12**

#### **INFECTION CONTROL**

- ❖ Hospital acquired infection
- ❖ Concept of asepsis (medical asepsis & surgical asepsis)
- ❖ Isolation precautions (barrier nursing)
- ❖ Hand washing technique
- ❖ Personal protective equipments
- ❖ Transportation of infected patients
- ❖ Standard safety precautions

**UNIT – IV**

**Hours: 12**

**SOCIAL ISSUES AFFECTING HEALTH & DEVELOPMENT FOR SELF & FAMILY**

- ❖ Women empowerment
- ❖ Women & child abuse
- ❖ Abuse of elders
- ❖ Female foeticide
- ❖ Substance abuse

**UNIT – V**

**Hours: 12**

**UTILIZE COMMUNITY RESOURCES FOR SELF & FAMILY**

- ❖ Old age homes
- ❖ Orphanages
- ❖ Homes for physically & mentally challenged individuals
- ❖ Homes for destitute

**BOOKS FOR REFERENCE**

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: 19HC6CP06**

**Credit: 8**

### **COURSE OUTCOME:**

This course is designed for student identify the normal growth & development needs/problems of children of various age group and deviations from normal, recognize the basic concepts, principles & Techniques of child care & develop beginning ability to plan & provide comprehensive nursing care to children suffering from diseases & disorder.

#### **1. Assessment of children:**

- ❖ Health assessment
- ❖ Development assessment
- ❖ Anthropometric assessment
  - Immunization
  - Health / Nutritional
- ❖ Education
- ❖ Care of baby in incubator
- ❖ Chest Physiotherapy
- ❖ Phototherapy
- ❖ Monitoring of babies.
- ❖ Cardio pulmonary resuscitation.

## **NUTRITION -II**

**Semester: VI**

**Hours: 5**

**Sub. Code: 19HC6GS07**

**Credit: 3**

### **COURSE OUTCOME:**

- To know the different types of nutrients, their importance, sources, functions and problems due to deficiency
- To plan balanced diet for individuals and various age groups
- To plan a specific diet for different disease condition

### **UNIT - I**

**Hours: 9**

#### **ENERGY**

- ❖ Basal metabolism
- ❖ Definition
- ❖ Body Mass Index(BMI)
- ❖ Energy requirement of various groups

### **UNIT – II**

**Hours: 9**

#### **MINERALS**

- ❖ Classification
- ❖ Functions
- ❖ Sources
- ❖ Tetany
- ❖ Anemia
- ❖ Goiter

### **UNIT- III**

**Hours: 9**

#### **WATER BALANCES**

- ❖ Composition of body fluids
- ❖ Water balance
- ❖ Effects of fluid deficiency

### **UNIT – IV**

**Hours: 9**

#### **FOOD GROUPS & BALANCED DIET**

- ❖ ICMR 5 food groups
- ❖ Functional of food

## **UNIT-V**

**Hours: 9**

### **THERAPEUTIC DIETS**

- ❖ Peptic ulcer
- ❖ Coronary heart disease
- ❖ Hypertension
- ❖ Renal calculi
- ❖ Diabetes mellitus
- ❖ Diet consistency

(Clear fluid, fluid diet, semi solid, solid soft)

### **BOOKS FOR REFERENCE**

1. Shubhangi Joshi, Nutrition & Dietetics 2<sup>nd</sup> 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

## **BUSINESS COMMUNICATION**

**Semester: VI**

**Hours: 3**

**Code: 19HC6GS08**

**Credit: 3**

### **COURSE OUTCOMES:**

- ❖ Make the students to know the effectiveness of communication.
- ❖ Acquire the in-depth knowledge in Business correspondence.
- ❖ Acquire the practical knowledge about circulars and report writing.
- ❖ Gain knowledge about Interview letter, Application letter and testimonial.
- ❖ Insist the role of modern equipment in Business.

### **UNIT I**

**Hours: 9**

Communication-meaning- communication cycle-principles of communication  
Importance of effective Communication in Business.

### **UNIT II**

**Hours: 9**

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.

### **UNIT III**

**Hours: 9**

Circulars - status enquiries- Application for a situation - Reports - Meaning -  
definition - Characteristics of a good report.

### **UNIT IV**

**Hours: 9**

Interview letter - Appointment letter - Promotion letter - Testimonials.

### **UNIT V**

**Hours: 12**

Modern equipments in communication - Role of computers in Business Communication-  
meaning of internet, E-Mail.

**COURSE BOOK:**

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 ACTIVITIES

**Semester: VI**

**Hours:**

**Code : 19HC6SS02**

**Credit: 2**

### **COURSE OUTCOMES:**

- ❖ Recall the principle of Asnas
- ❖ Classify Pranayama for different needs
- ❖ Appraise the application and effects of Suryanamaskar for human wellness
- ❖ Execute the techniques in Free Hand Exercise
- ❖ Construct Pyramids based on the underlying principles

### **UNIT I:**

ASNAS Sitting Postures - Standing Posture - Prone Posture - Supine Postures. (24 hours)

### **UNIT II:**

PRANAYAMA Pranayama - Suga Pranayama - Chandra bethana - Nadi Sudhi - Ujjayee - Seethali - Seethakari - Brahmari. (24 hours)

### **UNIT III:**

SURYANAMASKAR Suryanamaskar: 12 Postures - 12 Postures & Breathe consioius - 12 Postures With manthra - Relaxation Techniques. (24 hours)

### **UNIT IV:**

CALLISTHENICS (FREE HAND EXERCISE) Standing series - Bending series - Sitting series - Twisting series - Dumb - bells - Indian Clubs - Lezium - Hoops. (24 hours)

### **UNIT V:**

AEROBICS & PYRAMIDS Aerobics: Aerobic Basics - Aerobic Movements - Aerobic With Rhythm - Aerobic Programme Pyramids: Basics of Pyramids - Types of Pyramids. (24 hours)

**BOOKS FOR REFERENCE:**

1. Wuest Jeborah,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

## 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)

## EXTERNAL QUESTION PATTERN

**Time: 3 Hours**

**Maximum Marks: 6**

### **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)

**General education: Practical:**

**1hrs – 1 credit**

**Skill component: Practical:**

**1hrs – 1 credit**

**Theory:**

**2hrs – 1 credit**

**Theory:**

**1hrs – 1 credit**