

**Regulations**  
**for Courses affiliated to the**  
**Kerala University of Health Sciences**  
Thrissur 680596



**Bachelor of Science (Nursing) Ayurveda -**

**B.Sc.(Nursing) (Ay.)**

**Course Code 008**

**(2016-17 Academic year onwards)**

## **2. COURSE CONTENT**

### **2.1 Title of course:**

Bachelor of Science in Nursing (Ayurveda)

### **2.2 Objectives of course**

To provide trained graduates in nursing in Ayurvedic treatment and care.

### **2.3 Medium of instruction:**

Medium of instruction shall be English

### **2.4 Course outline**

#### **I YEAR B.Sc NURSING**

Course of Study for the first year B.Sc Nursing (Ayurveda ), shall be one academic year and comprise the study of the following subjects

#### **PART – I BIOLOGICAL SCIENCES**

- Paper – I -Basic concepts of Ayurveda & Sanskrit
- Paper – II Sareera Rachana Vijnanam
- Paper – III Sāreere Kriya Vijnanam

#### **PART – II – SOCIAL AND BEHAVIOURAL SCIENCES**

- Paper – IV Sociology and general psychology

#### **PART – III – COMMUNITY HEALTH**

- Paper – V Swasthavrutha – I

#### **PART – IV – NURSING I**

- Paper – VI – Foundations of Nursing with first aid .

- Paper VII – Panchakarma I

**PART - V – i. COMPUTER SCIENCE**

- ii. YOGA

**II YEAR BSc NURSING COURSE**

Course of Study for the Second year B.Sc Nursing (Ay), shall be one academic year and comprise the study of the following subjects.

**PART – I - NURSING II**

- Paper – I - Medical Nursing
- Paper – II – Pharmacological Nursing & Dietetics

**PART – II – NURSING – III**

- Paper III – Salyakarma Paricharana
- Paper IV – Salakyakarma Paricharana

**PART III - NURSING - IV**

- Paper V - Swasthavrutha – II

**THIRD YEAR BSC NURSING COURSE.**

Course of Study for the third year B.Sc Nursing (Ay), shall be one academic year and comprise the study of the following subjects ,

**PART – I – NURSING V**

- Paper – I – Panchakarma II

- Paper – II – Manasikarogi Paricharana
- Paper – III – Sisuparicharana

#### **PART – II – NURSING RESEARCH**

- Paper IV – Nursing Research and Statistics

#### **FOURTH YEAR BSc NURSING COURSE**

#### **PART – I – NURSING –VI**

- Paper – I – Maternity & Gynaecological Nursing .
- Paper – II – Sāmoohya swasthya Samrakshana

#### **PART – II – EDUCATION & ADMINISTRATION**

- Paper – III – Nursing Education
- Paper – IV – Nursing Administration

## 2.5 Duration

The course of study for BSc Nursing (Ay) Degree shall extend over a period of four academic years. Each academic year consists of not less than 200 working days.

B.Sc Nursing I year : 12 months

B.Sc Nursing II year : 12 months

B.Sc Nursing III year: 12 months

B.Sc Nursing IV year : 12 months

## 2.6 Syllabus

As given under clause 2.4

The concept of health care counselling shall be incorporated in all relevant areas.

## 2.7 Total number of hours

The students have to attend a minimum of 240 working days. Total course duration is 5860 hours including 100 hours of training in reputed external Hospitals/institutes.

## 2.8 Branches if any with definition :

Not applicable.

## 2.9 Teaching Learning Methods

- Lecturer and practical classes

## 2.10 Content of each subject in each year

The course of study for BSc Nursing (Ay) Degree) I, II, III and final year shall include the respective theory and practical subjects as given below.

### I Year Examinations (to be held at the end of one year).

The course starts from 1<sup>st</sup> day of July and ends on 30<sup>th</sup> June of next year. The examination shall be completed by the end of June, the supplementary examination of 1<sup>st</sup> B.Sc Nursing shall be held within 2 months of declaration of the

result.

A student who shall register for the first year examination being eligible to get promotion to the II year B.Sc Nursing

The first year examination shall be held in the following subjects.

FIRST YEAR

Paper I - Basic concepts of Ayurveda .

Placement

Time allotted 65 theory hours for Basic concept of Ayurveda and 25 hours for Sanskrit.

**Aim:** The Students identify the concepts and facts of Ayurveda to facilitate understanding Ayurvedic concepts in giving comprehensive nursing.

**Unit I –**

- \* Basic concepts of Ayurveda – General awareness of the evolution of Ayurveda and Panchamahabootha theory
- \* Dosha Dhatu Malavijnanam (with modern Physiological references)

Panchamahabootha theory and concept of Manas.

**Unit II**

**DRAVYA**

Definition, Constitution, Classification elaboration of terms - Rasa, Guna, Veerya, Vipaka, Prabhava with proper definition constitution and classification .

**Unit III** Concept of Roga and Arogya

**Unit IV** Concept of Agni and its importance

Concept of  
Prakruthi,  
Koshta, Desa,  
Oushadha &  
Oushadhakala.

**Unit V** Concept of Padachathushtaya

**Unit VI** Concept of Ayurvedic Prognosis.

**Unit VII- SANSKRIT – 25 Theory hours**

\* Basic knowledge of Sanskrit.

I – Sabdamanjari, Sidharoopam

1. The alphabet – Classification letters

2. The usage of cases

3. Sabdarooapa

a) Ajantha pullinga , Napumsakalinga and streelinga

i) 'Rema', 'Hari', 'Guru', 'Go'

ii) 'Phalam', 'Madhu'

iii) 'Rema', 'Mathi', 'Nadee'

b) Halantha

'Rajan', 'Mahat', 'Pums'

c) Pronoun

'Ushmad', 'Asmad', 'Tat'

II. Conjugation of verbs

a) Brief introduction of ' Dashalakaras' with special reference to present and future.

b) Dhathu roopa

'Bhu', 'As', 'Kru', 'Vand'

III. Translation of simple sentences from Sanskrit to Malayalam and vice versa

IV. Sandhi, Avyaga and voice be taught with the approximate textual context.

V. Sree Ramodantham – Balakandam

VI. Twenty lines of sbhashitha related with Ayurveda – First chapter of Vaidyakeeya subhashitham.

#### REFERENCES

1. Ashtangahrudaya soothrasthanam I Sanskrit

1. Sabdamanjari , Sidharoopam – R. S. Vadhyar

2. Sree Ramodantham – Balakandan

3. First chapter of Vaidyakeeya subhashitham – Chaukamaba publication

#### MARKS DISTRIBUTION

**Marks for theory paper I divided into A & B carries 50 + 50.**

Basic concept of Ayurveda : 75 marks

Sanskrit : 25 marks

**SPLITTING OF THEORY MARKS**

**Part A**

Unit I : 35 marks

Unit II : 15 marks

**Part B**

Unit III, IV, V & VI : 25 marks

Unit VII : 25 marks

**Paper II- Sareera Rachana Vijnanam**

**Unit I**

- \* Sareera Upakrama
- \* Concept of body and importance of Anatomy.

**Unit II**

- \* Evolution of Body and functional importance of Thridosha, Thriguna, Dosha Dhatu and Mala.

**Unit III**

- \* Garbha Sāreera , Study of concepts of Gharbadharana, Poshana and Samvahana.

**Unit IV**

- \* Asthisāreeram
- \* Study of bones – Identification , classifications, structure along with attachments of muscles.
- \* Types of joints .

**Unit V**

Body as an integrated whole organization, study of the body cells, tissues , organs and systems .

**Unit VI Marma Saareeram**

**Unit VII**

Comprehensive study of the following systems:



- Cardiovascular system
- Respiratory system
- Gastrointestinal system
- Genitourinary system
- Nervous system
- Endocrine system

### **PRACTICAL**

Demonstration & Identification and surface anatomy of soft organs, bones and muscles within the limits of the prescribed theory topics.

### **REFERENCES**

1. Relevant portions from Bruhathryi – Sāreera sthana
2. Human anatomy Vol I , II , III – B.D. Chaurasya

### **MARK DISTRIBUTION PART A**

|                 |            |
|-----------------|------------|
| Unit I, II, III | : 20 marks |
| Unit IV         | : 30 marks |

### **Part B**

|             |            |
|-------------|------------|
| Unit V & VI | : 15 marks |
| Unit VII    | : 35 marks |

### **Paper III – Sareera Kriya Vijnanam**

Placement : 1 year

theory 80 hrs , Demonstration 10 hrs

Aim : the student identify the concepts and principles of the human body and apply these giving comprehensive nursing care.

## THEORY

### Unit I

Concepts of the following physiological factors with its proper definition constitution and classification .

- |             |                 |
|-------------|-----------------|
| * Dosha     | * Upadhatu      |
| * Dhatu     | * Ojas          |
| * Mala      | * Siradhamanies |
| * Srothases | * Indhriyas     |
|             | * Prakruthi.    |

### MODERN PHYSIOLOGY

#### Unit II

- \* Blood, Tissue fluid and lymph
- \* Basics of Bio- chemical investigations.

#### Unit III

##### Comprehensive study of the following systems:

- |                          |                       |
|--------------------------|-----------------------|
| * Cardio vascular system | * Reproductive system |
| * Respiratory System     | * Excretory system    |
| * Digestive system       | * Nervous system      |
| * Endocrine system       |                       |

#### Unit IV Special senses – Physiology

## DEMONSTRATION

Routine examination of blood and urine

## REFERENCES

1. Ashtangahrudayam charakam & Susrutham – Suthra & Sāreerasthana
2. Human Physiology Vol I & II – Chatterji

### MARK DISTRIBUTION PART A

- |        |            |
|--------|------------|
| Unit 1 | : 25 marks |
| Unit 2 | : 25 marks |

### PART B

- |        |            |
|--------|------------|
| Unit 3 | : 35 marks |
| Unit 4 | : 15 marks |

## AYURVEDIC PART

Description of the following concepts

### Unit I

- \* Sudvrutha
- \* Dinacharya
- \* Janapadodhwamsaneeyam
- \* Satwam – Definition , formation , classification & Clinical importance.

## MODERN PART

### Unit I

Science of sociology: Definition, Concepts, scope, study of sociological concepts, types, \_Culture.

- \* Social Institution
- \* Community
- \* Social Problems
- \* Social Planning
- \* Social Security measures.
- \* General Psychology
- \* Introduction of Psychology, methods, Biological concepts of behavioral Psychology, Psychological concepts of brain.
- \* Study of mental health, Psychological concepts in groups and social setups .

### REFERENCES:

1. Ashtanga Hrudhayam, Charaka Samhitha , Susrutha Samhitha
2. Text book of Psychology – Charles – D-Morris
3. Psychopathology in Indian medicine – Satya Pal Gupta

## **Part III – Community Health**

### **Paper V – Swasthavrutha I**

#### **AYURVEDIC PART**

##### **Unit I**

Swasthavrutha Parichaya, Swasthavrutham, Aathuravrutham, dhinacharya ,  
Rithucharya. Sadvritham, Janapadodhwamsaneeyam.

Annapaanavidhi, Annasamrakshaneeyam, Mathrasitheeyam, Sathapathyadravya.

#### **MODERN ASPECTS**

##### **Unit I**

Introduction to community health in the study of concepts of :

- \* Health and disease.
- \* Community medicine.
- \* Social medicine.
- \* Community health.
- \* Classification of diseases.
- \* Levels of prevention .
- \* Personnel health – Mental, Social and Spiritual .
- \* Surveillance of health immunology.
- \* Concepts of primary health care, Environment, Food.
- \* Community resources for health and welfare.
- \* Practical Experience of the above concepts are to be conducted at different stages.

##### **Nutrition**

- \* Introduction of Nutrition, Classification. Detailed study of Plant food, calorie utilisation,
- \* Balanced Diet, Specialized nutritional plants, Reservation and storage of food.

#### **DEMONSTRATIONS**

Practicals of the above set topics are included.

##### **Portions for the practical Record**

Dinacharya

1. Nasya
- 2 .Gandoosha & Kabala
3. Dhoomapana
4. Anjana
5. Udvrtthana 6.Acharacharya

##### **1. Aharadravyaparichaya**

- a. Wheat
- b. Rice

c. Ragi

d. Beet root

e. Water melon

f. Bengal gram

g. Black gram

h. Orange

i. Honey

j. Different types of milk

k. Ground nut

l. Cashew nut

m. Cabbage

n. Cucumber

o. Onion

p. Banana

q. Lemon

r. Tomato

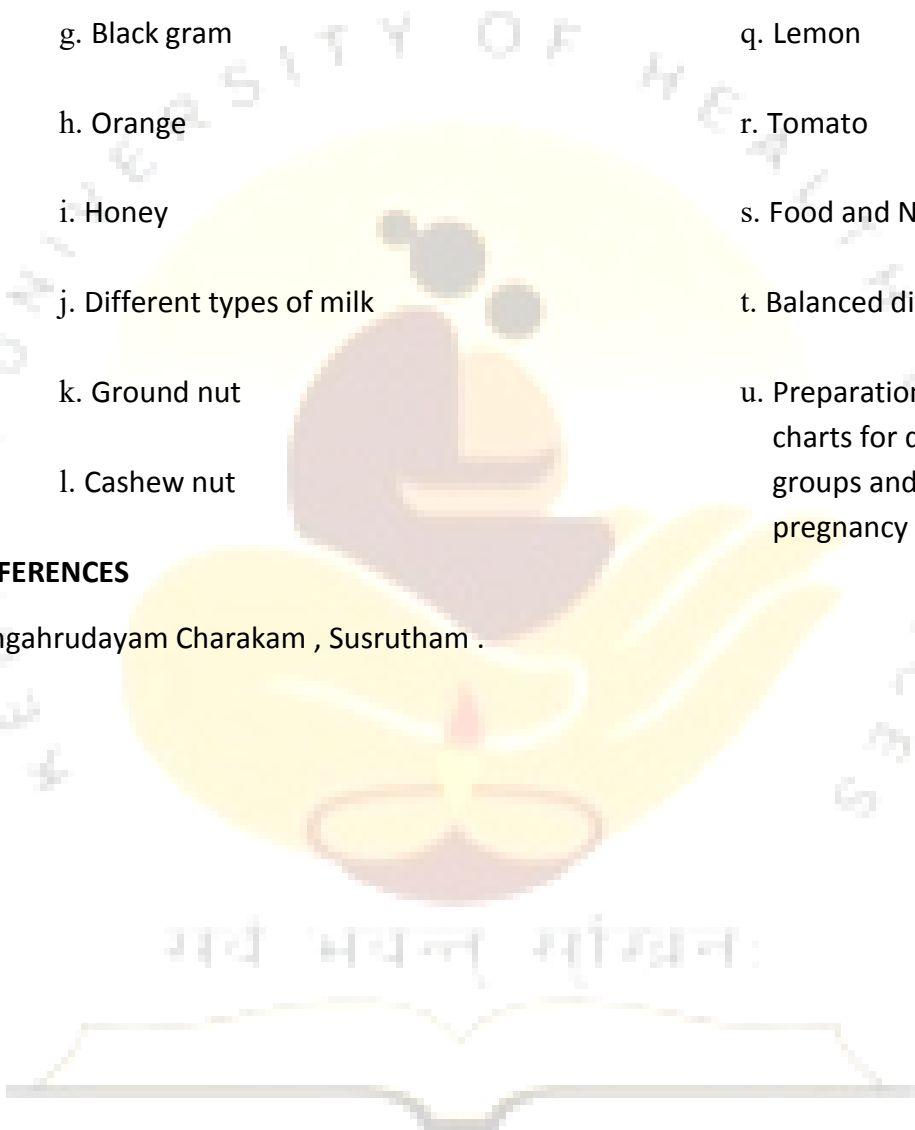
s. Food and Nutrition

t. Balanced diet

u. Preparation of special diet charts for different age groups and during pregnancy and location.

#### REFERENCES

Ashtangahrudayam Charakam , Susrutham .



### **MODERN REFERNECES**

1. Fundamentals of Foods and Nutrition – Wiley Eastern Ltd. Calcutta .
2. Applied Nutrition Rajalakshmi R
3. Essentials of Community health Nursing – K. Park
4. Clinical dietetics and Nutrition – F.P Antia & Philip Abrahams
5. Food & Nutrition – Dr. M. Swaminathan
6. Nutrition & Dietetics – Dr . M. Swaminathan.

### **MARK DISTRIBUTION**

Part A – Ayurvedic

Unit I : 50 marks

Part B – Modern

Unit I : 50 marks

### **PART IV – NURSING I**

Paper VI – Foundations of Nursing and first aid .

Aim : To explain the basic concepts and principles guiding nursing activities. Identification of the basic needs and problems of patient.

Development of skills in communication and maintains good interpersonal and professional relations.

Application of the principles of first aid in Emergency situations.

## MODERN PART

### Unit I

- \* Nursing as a profession
- \* Introduction
- \* Definition
- \* Profession and its characteristics
- \* Qualities of Professional Nurse
- \* Care – Cure concepts
- \* Patient centered approach
- \* Holistic approach

### Unit II

- \* Health and illness
- \* Definition
- \* Stages of illness
- \* Impact of illness on patient and family.
- \* Levels of prevention
- \* Health care team.
- \* Role of Nurse.

### Unit- III

- \* Hospital and environment – Importance
- \* Therapeutic environment
- \* Importance of Safe and healthful environment
- \* Infection control – definition.
- \* Concept and practice of asepsis – Care and Maintenance of article.
- \* Disinfections and sterilization .
- \* Isolation techniques.

#### Unit IV

Development of Communication and interpersonal relationship Health Assessment – General Concepts Health history Physical examination. Body Mechanics – Definition, Principles, Protective position, Turning lifting and transferring of patient. Admission of Patients in the Hospital.

#### Unit V

- \* Assessment of vital signs
- \* Monitoring Vital signs – Temp , Pulse, Respiration, and B. P significance .
- \* Human needs in Health and disease – basic needs / and problem.
- \* Alteration in nutrition, Bladder elimination, Bowel elimination .
- \* Alteration in rest and sleep, Impaired mobility, causes, Nursing of such patients .
- \* Alteration in sensations, assessment, care of unconscious patients.
- \* Therapeutic uses of Heat and cold, Hot applications - effect on body.
- \* Hot water bag, infrared therapy, Cold application and effects.

#### Unit VI

Rehabilitation and role of Nurse. Assessment of spiritual needs and relaxation techniques Yoga and reading . Care of terminally ill patient .





## Unit VII

- \* First Aid
- \* Introduction
- \* Definition
- \* First aid in Respiratory and circulatory emergencies.
- \* Fractures and dislocations .
- \* Application of splints and bandages.
- \* First aid in burns snake bite, Dog bites and food poisoning and other organophosphorous poisoning.

### **DEMONSTRATION :**

Postings in relevant Departments in Medical College Hospitals .

### **REFERENCES**

1. Principles and practices of Nursing ( Vol I & II) – Sr. Nancy
2. A new text book for Nurses in India – Board of NENL.

### **MARK DISTRIBUTION**

#### **Part A**

|          |            |
|----------|------------|
| Unit I   | : 10 Marks |
| Unit II  | : 15 Marks |
| Unit III | : 15 Marks |
| Unit IV  | : 10 marks |

## **Part B**

Unit V : 15 marks

Unit VI : 15 marks

Unit VII : 20 marks

### **Paper VII – Panchakarma – I**

#### **Unit I – Snehapana Vidhi**

Types of Snehas, Properties, Sources of Sneha, Procedure of snehapana with pre and post measures diet regime during Snehapana, Time of administration, Dosage, Sadhyasneha, Samyaksnigdhalakshanas, Snehavyapath and its measures .

#### **Unit – II - Swedavidhi**

Definition properties, types and detailed procedures.

Indications and contra indications – Agneya and Anagneya Swedavidhi, Samyaksweditha Lakshanas pre and post measures .

#### **Unit – III Vamanavidhi**

Definition properties, and procedures.

Indications and Cls pre and post measures . symptoms of Samyak and Asamyak vamanas .

**Unit IV – Virechanavidhi** Definition properties, and procedures. Indications and contra indications

Indications and Cls pre and post measures . symptoms of Samyak and Asamyak virechana

#### **Unit V**

Samsarjana karma Procedure  
Administration Patient Care

## **Unit VI - Vasthividhi**

Definition properties, types and detailed procedures. Indications and contra indications .Pre and post measures . Preparation of Vasthi Dravya, Description of Vasthiyanthra . Time of administration, Posology of vasthi, Samyaka and Asamyaka Lakshanas .

## **Unit VII - Nasya Vidhi**

Definition properties, and procedures

Definition properties, types and detailed procedures. Indications and contra indications .Pre and post measures .

Time of Administration , Therapeutic dose Samyak and Asamyak Lakshanas

### **DEMONSTRATION**

Postings in Ayurveda College Hospital for Practical training in Panchakarma

### **REFERENCES**

1. Ashtangahrudayam Sutrasthana –
2. Ashtangasnagraha – Karmaparichayam
3. Susrutha Samhitha
4. Charakasamhitha
5. Panchakarma – Manakodan Kesavan Vaidyan
6. Karmaparichayam – Vaidyabooshanam K.Raghavan Thirumulpad
7. Panchakarma by Dr. Rajagopalan
8. Ayurveda Panchakarma Chikitsa – Kaikulangara Ramavariar

## MARK DISTRIBUTION

### PART A

Unit I : 15

Unit II : 15

Unit III : 10

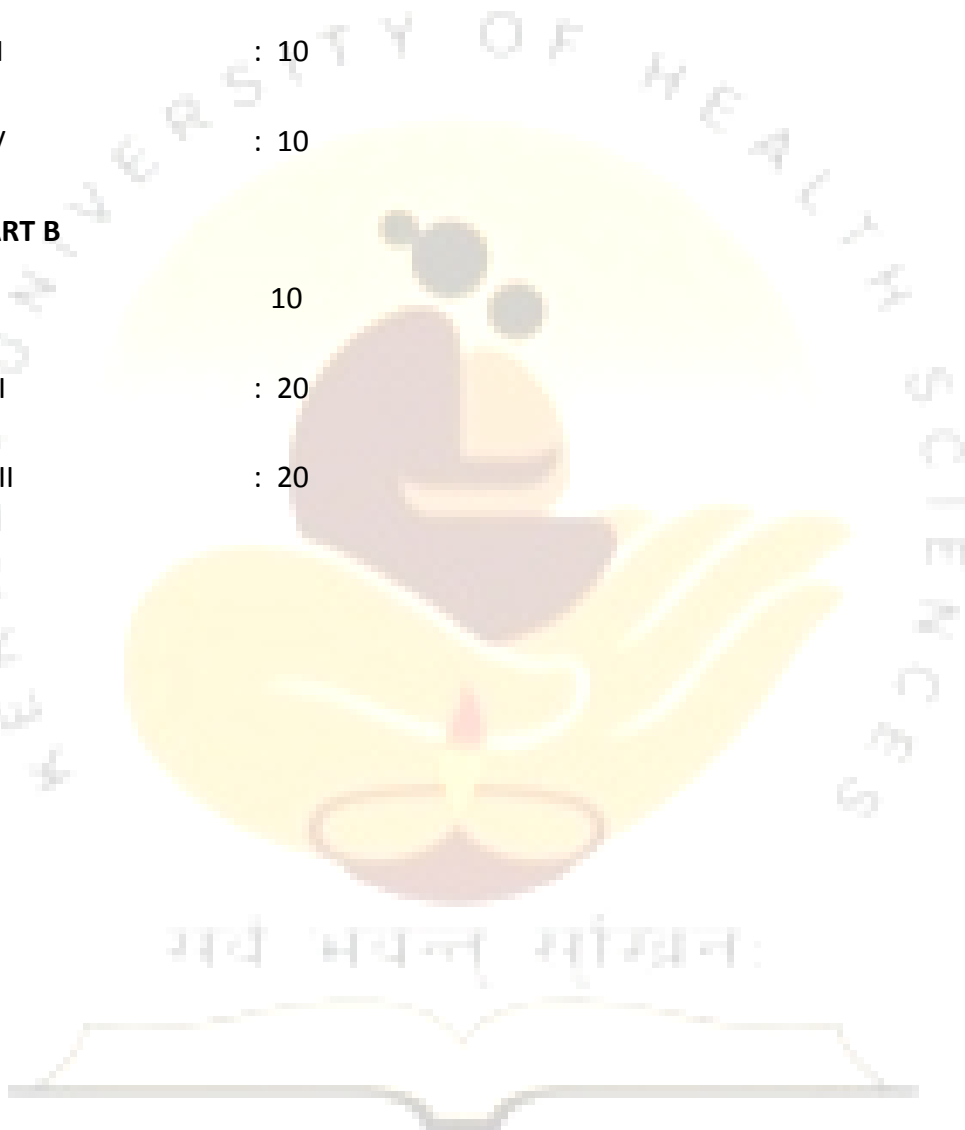
Unit IV : 10

### PART B

Unit V 10

Unit VI : 20

Unit VII : 20



**Aim:** The Student identifies the concept of computer programming and develop the ability in the application of computer in Health, Education, Training and Administration.

- \* **Unit II** Operating System
- \* **Unit III** MS – Word
- \* **Unit IV** Graphics
- \* **Unit V** E – Net
- \* **Unit VI** Application Computer in Nursing

- \* Introduction
- \* Importance of Yoga
- \* Relevance of Yoga Nursing
- \* Yoga and Physiology and study of 32 types of Yogasanam
- \* Demonstration: Practical training in Yoga and Computer training.

Class A average 100

IT : 50

Yoga : 50

## II YEAR BSC NURSING AYURVEDA

### PART I – NURSING II

#### *Paper – I – Medical Nursing*

**Aim :-** To familiarize the Ayurvedic and Modern concepts of Etiology, Pathophysiology , Symptomatology of diseases and diagnostic measures and Nursing care of relevant diseases .

#### \* **Unit – I**

Introduction : Development of Medicine, Concept of disease causes, classification of diseases

. Definition, Identification of the Etiology, Pathophysiology and Symptomatology of

th

e following diseases.

|                 |                       |
|-----------------|-----------------------|
| * Jwara         | * Moorchā             |
| * Rekthapitha   | * Brahma              |
| * Kāsa          | * Nidhra              |
| * Swasa         | * Sannyasa            |
| * Hikka         | * Panathyaya          |
| * Swarabeda     | * Panaajeerna         |
| * Rajeshma      | * Daha                |
| * Kshadhaksheea | * Unmadam             |
| * Agnimandhya   | * Apasmara            |
| * Ajeerna       | * Vatha vyadhinidanam |
| * Vishoochika   | * Vataraktham         |
| * Alasaka       | * Oorusthambam        |
| * Grahani       | * Amavatham           |
| * Athisara      | * Soola               |
| * Arsa          | * Parinamasoola       |
| * Chardhi       | * Annadravasoola      |
| * Thrishna      | * Udavrutham          |

- |                 |               |
|-----------------|---------------|
| * Gunma         | * Kshudra     |
| * Hrudroga      | * Seethapitha |
| * Moothrakricha | * Chidhraroga |
| * Moothraaghaa  | * Kushta      |
| * Asmari        |               |
| * Prameha       |               |
| * Mehapidaka    |               |
| * Medoroga      |               |

Study of Ayurvedic Diagnostic measures : Apthopadesadi trividhapareeksha, Shadanga, Chathurvidha , Ashtasthana, Dasavidharogapareeksha, Srothopareeksha, Dhatu, Upadhatupareeksha.

Study of Upasaya, Anupasayabheda, Arishtalakshanas of above said diseases. Geriatric Nursing care

1. Concept of Geriatric treatment
2. Diseases related to aging and its management .
3. Pre and post management of Rasayanavidhi
4. Rehabillitation of paralytic patient and their care.

### **MODERN PART**

#### Introduction

Study of Eteopathology, Symptomatology, Diagnostic measures, course and management of patient suffering from common communicable diseases and comprehensive nursing care of the following systemic diseases.

1. Respiratory system First Aid in Respiratory Emergencies – Bronchitis, Bronchial Asthma , Corpulmonale, Lung Abscess, ARDS,Tuberculosis, Empyema, Pneumonia, Respiratory failure .

2. Cardio vascular system – First Aid in Circulatory emergencies .
3. CAD, CCF, RHD, Hyper tension .
4. Haematology.
5. Anaemia
6. Leukaemia , Lymphomas, Multiple myeloma, Haemophilia, DVT.
7. Gastrointestinal system - APD , UETD , GERD, IBD, Hepatitis, Panchreatitis., Gastritis.
8. Genito – urinary system - UTA, Nephritis , Nephrotic Syndrome. PIDs
9. CNS – Headache, CVA, Convulsions, Migraine , Meningitis, GBS, Parkinsonism, Alzheimer's, Myastheniagravis,
10. Endocrine system :- Diseases of thyroid and parathyroid glands, Diabetes mellitus , Addison's, Cushing syndrome, Acromegaly
11. Musculoskeletal system : Osteomalacia Osteoarthritis Gout, SLE.
12. OMC : Poisoning, Snake bite, allergies
13. Emergency nursing : Definition , Principle of Emergency, Management of emergency,
14. Care of the elderly : Physical, Psychosocial, Intellectual and spiritual health problems of the aged.
15. Communicable diseases : Review of infection process of Bacterial, fungal , viral, Protozoal , Rickettsial, Helminths . Nursing care of patients with typhoid A/C diarrhoeal diseases , Plague, Weils disease, Hepatitis , Rabies, AIDS, Dengue fever.
16. Dermatology and Venereology, Common skin diseases, diagnostic, nutritional and pathological study. STDs.



## REFERENCES :

1. Ashtangahrudaya, Charaka & Susruthasamhithas
2. Davidson Principles and practice of Medicine.

## MARK DISTRIBUTION

### Part A – Ayurvedic

Unit I : 50 marks

**Part B- Modern : 50 marks**

Unit I : 50 marks

Paper II : ftharmacological Nursing and Dietetics

**Aim :-** To familiar the principles of both Ayurvedic and Modern Pharmacological science and Dietetics.

General Pharmacology : Introduction and definition of Ayurvedic Pharmacology, Rasa, Guna, Veerya, Vipaka, Prabhava. , Sources of drugs, Weights and measures, Posology, Ayurvedic Pharmaceutical concept ,Pharmacological Ethics and Principles, Prescription mode and routes of drug administration, Shelf life and expiry of life, Awareness of Rasaoushadhiees ,

Dietetics : Introduction, importance of Sadāpathyaaharas, Bhojanavidhi, Bhojanakāla, Diets in various disease conditions, Ahārapathya in Karshya, sthoulyarogas, Aaharavidhi for bala, kshēna, Vrudha group of Rogi.

- Administration of medicines
- Classification of drugs , Actions , Dosage.
- Awareness of different Kalpanas- Kwatha , Choorna , Avaleha, Asava, Arishta, Arkka, Rasaoushadhas, Bhasmas, various external applications.
- Knowledge of routes of administration, Storage.

### **MODERN PART :**

Modern Pharmacological concepts, Definitions, Source of drug, weights and measures, Pharmaceutical preparations., route of administration and adverse reaction of drugs.

Systemic Pharmacology

1. Classification
2. Mechanism of action of the following systemic acting drugs.
  - \* Autonomic nervous system
  - \* Central nervous system
  - \* Cardio vascular system
  - \* Blood

- \* Respiratory system
- \* Gastrointestinal system .
- \* Endocrinal system
- \* Antibiotics and Chemotherapeutics
- \* Nutrients, fluids and electrolytes
- \* Role of nurses in drug administration and responsibilities in Pharmacology intervention related to systemic pharmacological agents .

### **DIETETICS**

- \* Unit I
  - \* Introduction
  - \* Normal Nutrition
  - \* Therapeutic Nutrition
  - \* Nutritional deficiencies

#### **Concepts of diets in the following conditions.**

- \* Underweight
- \* Obesity
- \* Diabetics
- \* Cardiovascular diseases
- \* Kidney diseases
- \* GIS diseases.
- \* Pediatric diseases
- \* Diet in Bedridden patients.

### **REFERENCES:**

1. Ashtanghrudayam, Charka & Susrutha Samhiths
2. Text book of Nutrition and Dietetics- Dr. M. Swaminathan
3. Text book of Hospital and clinical Pharmacy- P.C. Dandia , Mukul Mathur
4. Principles and practices in Nursing – Sr. Nancy.

## MARK DISTRIBUTION

### Part A – Ayurvedic

Unit I : 50 marks

### PART B – Modern

Unit I : 50 marks

### PART II – NURSING III

### Paper III – Salyakarma paricharana

### AYURVEDIC PART

#### Unit I

Introduction, Definition, Importance of the subjects – Susrutha Pradhanyam , Vyadhipradhanam, Sadhyasadyatha, Vyadhi prakaram  
Vruna – Definition, Etiology, Pathophysiology, Types, Symptoms, Complication. Vruna upakramam Sapthasashti upakramas

**Etiology, Pathophysiology , Symptomatology and Management of the following diseases.**

- \* Nadivruna
- \* Arsas
- \* Rekthasrāva.
- \* Seevanadhi upakrama
- \* Visesha upakrama
- \* Lepanavidhi
- \* Aharavidhi

**Diagnostic measures of the following diseases.**

- \* Arsa
- \* Charmakeela
- \* Moothrākrchra
- \* Moothrāghatha
- \* Grandhi
- \* Apachi

- \* Arbudha
- \* Vidhradhi
- \* Mehapidaka
- \* Parināmasoola
- \* Annadravasoola
- \* Kshudraroga.

Study of Upasaya, Anupasaya, Bedha, Arishta, Lekshānas of the above said diseases.

Study of the Sasthrakarma, Ashtavidhakarmas, Pichu, Plotha, Kapalika, Vrunasodhana, Ropandravya, Poorva and Paschāthkarma of each sasthrakarmas, Kshara, Agni, Jelooka, Siravedha descriptions. Instruments, types, Nos, Name .

- \* Bandaging (Bandhas)
- \* Study of Ayurvedic description of different types of Bandhas for fractures .
- \* Immobilization method
- \* Management of burns
- \* Causality management of burns
- \* First aid in poisonous bites of various Animals , insects and snakes .
- \* Study of the descriptions of Ayurvedic Management. Upachārās , Pathya – Pathya to Salyachikitsa .

### **MODERN PART**

#### **Unit I**

Introduction : Development of Surgery, Infection, Abscess, Inflammation , Wound healing , Shock and hemorrhages.

Auxiliary Surgical Manoeuvres in the following systemic diseases.

- \* Respiratory system
- \* Cardiovascular system
- \* Gastro intestinal system
- \* Genitourinary system
  - \* Nervous system
  - \* Musculo- skeletal system
  - \* Allied surgical diseases.

## **DEMONSTRATION**

The corresponding unit posting may be done, accordingly.

## **REFERENCES :**

1. Susruta , Ashtanghrudhaya
2. Text book of Surgery – Bailey & Lowely

## **MARK DISTRIBUTION**

### **Part A – Ayurveda**

Unit I : 50 marks

### **Part B – Modern**

Unit I : 50 marks

### **Paper Iv : Salakyakarmaparicharana**

#### **Unit I – Ayurveda – Part A**

Introduction, Definition, knowledge of diseases, Pertanity of Salakyathanthra Hethusamprapthi, Lakshana, bedha and Anubandhaupachara.

Nethra Roga, Siroroga, Karnaroga, Nasaroga, Mukharoga. Salakyathanthra, Nirukthi, Parichayam, Ithihasam.

Nethra , rachana , Kriya Sareeram, Nethras mandalas, patalas, Sandhis, pramanum, Panchabhouthikathwam, Nethra pareekshanam.

Nethra Roga                Sankhya,        Vibhagam, Nidanam poovaroopam, samprapthi, roopam, Sandhigatharoga, sanghya, lashana.

Nethra Kriya Kalpanas – Achothanam, Sekam ,Anjanam , Tarpanam, Putapakam, Pindi bidalakam.

Sirorogas, Siro Mahathwam, Uthmangam, Siroroga- Sanghya , Lakshanan, Kriyakarmas, Moordhini thailam, nasya.

Vathamagatha rogas – Sanghya , Lakshana. Suklagatha rogas – Sanghya , Lakshana

Krishnagatha Rogas- Sanghya, Lakshana Sarvagatha rogas – Sanghya Lakshana Karma rogas – Sanghya lakshana Karmapooranam , dhoomapanam

Mukhavayavajnanam , Mukharogam nidana, Sankhya, Samprapthi. Oshta, Ganda, Dantha, Danthamoola rogas-Sankhya, Lakshana, Drishtigatha roga- Sanghya , Lakshana

Jihwa, talu, sarvasya, Kanta rogas – Sangya, lakshana Kriyakramas – Kabalam, Gandoosham Sirovasthi, Nasya, Anjanam, Putapakam , Tharpanam, Gandoosham , Pindi vidalakam etc.

#### Unit I – Modern – part B

##### **OPHTHALMOLOGY AND E.N.T NURSING**

Introduction, Auxiliary Nursing care in management of eye disease, pre- and post operating care for eye surgery, knowledge of special instruments used for eye surgery causes and prevention of blindness.

E. N. T. Diseases and E. N. T. Nursing:

Nursing management of patients with common disease of ear.

Pre and post operative care of patient undergoing ear surgery. Nursing management of patients with common disease of Nose Pre and post operative care of patients undergoing nasal surgery.

Knowledge of diseases of throat and nursing care of pre and post management of surgery.

### **DEMONSTRATION :**

Corresponding postings may be done in separate OPDs and IPDs in Ayurveda College Hospital.

### **REFERENCES**

1. Ashtanga Hridaya Charaka & Susrutha
2. Text book of Ophthalmology – S.K. Seal
3. Textbook of E.N.T. – Jaypee

### **MARK DISTRIBUTION**

#### **Part A – Ayurveda**

*Unit I* : 50 marks

#### **Part B – Modern**

*Unit I* : 50 marks

#### **Paper V – Swasthavrutha II Unit - I**

- \* Introduction-
- \* Swasthavrutha parichaya
- \* Athuravruthaparichaya
- \* Importance of diet and, life modulations styles
- \* Roganulpadhneeya and its details, Trayopasthamba, Roga and Arogya, Panathyaya, Pānajeerna, Paramada, Chikitsaparichaya.

## MODERN PART

### Community health nursing

#### Unit I

Introduction, Identification, discussions, Explanation, Recognition, Utilization of concepts Philosophy, principles, Planning HCD system, Health education, Epidemiology, Health legislation, concept of population Projects, community health nursing statistics, family welfare programmes .

**Community Medicine with respect of Epidemiology in the study of health and diseases.**

1. Communicable diseases
2. Non – Communicable diseases

#### **DEMONSTRATION:**

Posting to primary health centers may be done accordingly.

#### **REFERENCE:**

1. Ashtanghrudayam : Sus. Samhithas
2. Text of Preventive medicine and sociology – K.PARK

#### **MARK DISTRIBUTION**

##### **Part A- Ayurveda**

Unit I : 50 marks

##### **Part B : Modern**

unit I : 50 marks



## **THIRD YEAR B.Sc NURSING**

### **PART I - NURSING V**

#### **Paper V – Panchakarma II**

Introduction II:

#### **\* Unit I**

Sasthrakarma : Definition, types indications, CI's , Pre and Post measures, Prime Procedures samyak and Asamyak Lakshanas, Contraindicated areas, Instruments - of the following procedures.

- a. KSHARAKARMA
- b. AGNIKARMA
- c. REKTHAMOKSHA
  1. JELOOKAVACHARANA
  2. SIRAVEDHA
  3. PRACHHĀNNA

Detailed knowledge about the Pre, Main and Post procedures of the following:

Dhoomapānavidhi, Kabala, Gandoosha, Anjana, Aschodana, Bidalaka, Moordhathaila, Lepana, Prathisarana, Tharpana, Pudapaka, Urovasthi, Katēvasthi, Kshālana, Yonikshālana, Yonipichu, Varthi, Poorana, Kshāradahana, Utharavasthi **KERALEEYA**

#### **CHIKITSAKRAMAM**

- Pizhichil
- Uzhichil
- Pindaswedas (– all types – )
- Annalepana
- Sirodhāra

- Thakradhara
- Thalapothichil
- Thalam
- Kayaseka (all types)

#### **DEMONSTRATION:**

Corresponding OPD's and IPD's postings and all panchakarma practical procedures.

#### **REFERENCE**

1. Ashtnaga Samgraha. Charaka , Susruta , Panchakarma Parichaya
2. Keraleeya Chikitsakramam – Vasudeva vilasam publications
3. Charakasamhitha
4. Panchakarma – Manakodan kesavan vaidyan
5. Karmaparichayam – Vaidyabooshanam K.Raghavan Thirumulppad
6. Ayurveda Panchakarmachikitsa – Kaikulangaraa Ramavariar

#### **MARK DISTRIBUTION**

Part A – Unit I : 50 marks

Part B – Unit II : 50 marks

Paper II : Manasikaroqiparicharanam

#### **AYURVEDIC VIEW**

##### **Unit I**

Definition, Nature of Mind in Ayurveda, contriversing regarding it , Physical nature of mind, comparison of modern behavioristic view . Contriversing regarding the sight of mind, Guna

- karma – manorogooushadga, concept prajnanapradha, Definition of Budhi, smruthi , Lakshanas, Vibramsalakshanas, Asasthmayartha, Parinama, Prajnaparadha- descriptions

Rajasthamoguna-. Eteology, Pathology of symptoms of Unmada apasmāra Mansika Rogas.

Drug and Alcohol abasement and its management, Grahabhādhā and its management, Yokshaapasmara , Adhathwabinivesa, Adhravya Chikitsa – Spiritual healing , Classification Rational persuasions – Dhairya, Samvrudha and Dharaneeyavedhas, Pathology and Symptoms of apathanthraka, Sokaja and Baya.... Athisara, Nidhrakasa, Aeteology , Treatment sokaja and Kamajajwara.

### **SPECIALIZED TREATMENT – FERTINITY IN MANOROGAS**

#### **Unit II**

Thalam , Thalapothichil, Sirodhāra, Snehapāna, Virechana, Specialized care for Psychic Patient and their social rehabilitation.

#### **MODERN ASPECT**

#### **Unit III**

#### **PART I – NURSING V**

|                                        |         |                           |   |
|----------------------------------------|---------|---------------------------|---|
| Classes by Psychiatric Nursing faculty | – 6 hrs | Psychiatric Social worker | – |
| 5 hrs                                  |         |                           |   |
| Clinical Psychologist                  | – 5 hrs |                           |   |
| Psychiatrist                           | – 2hrs  |                           |   |

#### **Objectives**

1. Students should develop positive attitude towards Mental Health & Mental illness.
2. Describe the Psychopathology & Clinical manifestation of Mental Illness.
3. Establish therapeutic relationship with clients.
4. Provide nursing care to Psychiatric Patients.
5. Identify the role of Psychiatric Nurse in different settings.

## GENERAL AWARENESS AND ROLE OF NURSES IN THE FOLLOWING TOPICS

### i.) Introduction

History of Psychiatry Epidemiology Current trends

Mental health (Definitions, Criteria, Contributing factors)

- Personality Development
- Psychoanalytic theory
- Psycho Social Theory
- Interpersonal Theory
- Behaviouristic theory
- Stress & Adaptation
- Defense Mechanism

### ii.) Introduction

#### 1. Introduction to Psychiatric Nursing

- Role of Psychiatric Nursing
- Theoretical approaches to Psychiatric Nursing

### iii) Psychiatric assessment

- Case taking
- Interview technique
- Therapeutic – Nurse client relationship
- Mental status examination
- Nursing diagnosis

- Care plan Process recording

#### **IV) Treatment of Psychiatry**

- Psycho – Pharmacology
- ECT
- Other therapies

Nurses role : in administration of psychopharmacological agents

- Caring patients undergoing ECT
- Psycho social therapies
- Psychotherapy
- Behavior therapy
- Family therapy
- Occupational therapy

#### **vi) Etiology**

- Organic Mental disorders
- Schizophrenia & Delusional disorders .
- Mood (Affective Disorders)
- Substance Abuse Disorder
- Neurotic Stress related & somatoform disorders
- Personality Disorders
- Sexual Disorders
- Eating Disorders
- Mental retardation
- Childhood disorders
- Psychiatric emergencies

### **viii) Psychiatric Rehabilitation**

#### Community Psychiatry

Role of the psychiatric nurse in rehabilitation Community psychiatry

Approaches , levels of prevention principles National mental health programme.

### **ix) Legal aspects & future challenges**

- Mental health act
- Legal aspects responsibility of the Psychiatric nurse
- Future challenges in psychiatric nursing
- Admission & Discharge of Mentally ill patients

### **CLINICAL FACILITIES**

1. Psychiatric departments in affiliated Hospitals
2. Observation visit
  - School for mentally retarded children
  - Psychiatric rehabilitation centre
  - Geriatric old age home .

### **DEMONSTRATION**

Corresponding postings to OPD's and IPD's, accordingly.

### **REFERENCE:**

1. Ashtanga Hrudaya– Charaka, Susruta
2. Psychopathology in Indian Medicine – Satya Pal Gupta
3. Psychology for nursing students – Dr. N. Balachandran

## MARK DISTRIBUTION PART A

Unit I : 50 Marks

## Part B

Unit II : 25 marks (Ayurveda)

Unit III : 25 marks (Modern)

### Paper –III – Sisuparicharanam

- \* Introduction
- \* Definition
- \* Divisions
- \* Detailed balopacharaneeya.
- \* Bālarogaupachara
- \* Bālamayaprathikshedha
- \* Balagrahaprathikshedha and related upacharakrama
- \* Visarpachiktsa upachara
- \* Phakkaroga chikitsa and its upachara Phakkaretha, Dantodbhedajanya roga Chikitsa- Upacharas.

### SPECIALISED KERALEEYA TREATMENT

Uramarunnu prayogam

Child nutrition – Cereals , Medicated Cereals and preparations

Pediatric Posology and its mode types of administration, Kumaragāraavidhi, Aseptic measures in pediatric care - Prasovothara Vyadhi Chikitsa Upachara.

**MODERN PART**

**Unit I**

Introduction to child health nursing, growth and development of children at different age level. Nursing in Managements of highrisk New born, Review pediatric, Management of Pediatric diseases Nutrition and Nutritional problems in children . Systemic disorders, pertaining to Respiratory, Cardiovascular, Haematological, Gastrointestinal , Nervous system, Geneto urinary systems. Infectious diseases and pediatric causality management. Child health procedures and immunization methods .

**DEMONSTRATION**

Pediatric OPD's and IPD's and primary health centers.

**REFERENCE:**

1. Ashtanga Hrudaya, Charaka & Kasyapa smahithas.
2. Text book of Pediatric Nursing – Harjith Singh
3. Essential pediatrics – O.P. Ghai

**MARK DISTRIBUTION**

**Part A – Ayurveda**

Unit I : 50 marks

**Part B – Modern**

Unit I : 50 marks



## PART II – NURSING VI

### Paper IV – Nursing Research and Statistics.

**Aim :** Recognition, description , Discussion, Identification, and critical reviewing of research studies with applied aspect of Nursing .

#### **Unit I**

- \* Definition of Research : Basic, Applied, Historical, Descriptive, Experimental Research strategies.

#### **Unit II**

- \* Steps of research processes – Sources, Problem, Objectives, Hypothesis, review of literature, Research design, data collection, Pilot studies, Projects.

#### **STATISTICS**

Different modes of bio – statistics comprising of levels of measurement descriptive statistics, presentation of data, measures of central tendency, measures of variability correlation using computer for data analysis.

#### **DEMONSTRATION**

Preparing a nursing project depended upon the subject given.

#### **REFERENCES:**

1. Research methods - Donald H.M.C Burney

## **FOURTH YEAR BSc NURSING COURSE**

### **PART I – NURSING VI**

#### **Paper I – Maternity and gynaecological nursing.**

##### **Introduction**

Definitions: Reproductive Physiology, Regimens, Garbhini Vijnanam, Pumsavana Upacharana, Garbhavyapath , Yonivyapath and its nursing care, Soothikopacharam, soothikavijnanam, Sthreroga Chikitsa Upacharanam- Pichu , Utharavasthi, Yonikshalanam , Yoniporanam and the identification of instruments which are using in the gynecological and obstetrical operating procedures.

##### **MODERN PART**

Introduction to maternity Nursing, fetal development, assessment and management of Anti natal period , assessment and management of intra natal period . Assessment and management of puerperium, assessment and management of new born , high risk pregnancy management, abnormality of labour .

Abnormalities and complications of Puerperium, highrisk new born nursing management, Pharmacotherapeutics in obsteritics .  
Epidemeiology in Obstetrics.

##### **GYNAECOLOGY**

Introduction, Gynaecological assessment, DUBs, Infertility, Operative Gynaecology, Structural and functional diseases of genital tracks, infection of female genital tracts .

##### **DEMONSTRATION :**

Obstetrics. and gynecological postings in Ayurvedic and Medical Colleges.

## **REFERENCES:**

1. Ashtanga hrudhaya, charakam, Susrutha samhithas
2. Text book of human gynecology - Dutta DC

## **MARK DISTRIBUTION**

### **Part A – Ayurveda**

Unit I : 50 marks

### **Part B – Modern**

Unit I : 50 marks

### **Paper II - Samoohya Swasthya Samrakshan**

Introduction, Identification, Functions, demonstration, Recognition, and application of community health problems, health care, Health administration, supervision , development programmes, Principles of research.

#### **Unit – I**

- \* Family health care

#### **Unit II**

- \* Family finance budgeting

#### **Unit III**

- \* Community identification

#### **Unit IV**

- \* Community health nursing administration

## Unit VI

- \* Community health development programmes

## Unit VII

- \* Research in community health nursing.

### **DEMONSTRATION**

Practical experience covering all aspects of community health nursing

### **REFERENCE:**

1. Text book of Social preventive medicine and sociology - PARK
2. Essential of Community health nursing - PARK

### **MARK DISTRIBUTION**

#### **Part A**

Unit I : 20 marks

Unit II : 20 marks

Unit III : 10 marks

#### **Part B**

Unit IV : 20 marks

Unit V : 15 marks

Unit VI : 15 marks

### **PART III - EDUCATION AND ADMINISTRATION**

#### **Paper III. Nursing education**

Introduction: Description, Explanation, Identification, Demonstration, Evaluation, Teaching aids, Evaluation of student performance of all aspects of nursing education, concepts, principles .

##### **Unit I**

- \* Education –aims, types , Agencies, Dimensions .

##### **Unit II**

- \* International, National and State level development of Nursing Education

##### **Unit III**

- \* Definitions, Philosophy of Nursing Education

##### **Unit IV**

- \* Definition of Educational Objectives, types, elements, Qualities.

##### **Unit V**

- \* Definition of curriculum development, types, Principles, Factors Preparations, Course plan

##### **Unit VI**

- \* Teaching – Definition, Principle, Role, Review

##### **Unit VII**

- \* Teaching – Methods, Lecture, Seminar, Role play, Brain storming, Micro teaching modules , Clinical teaching, Nursing rounds and presentation,

### Unit VIII

- \* Education evaluation, Definition , Purposes, types , Principles.

### Unit IX

- \* Aims of discipline in education, principles.

### DEMONSTRATIONS

Practical Experience of the above concepts at different stages

### REFERENCE

1. Text book of Preventive medicine and sociology – K. PARK
2. Fundamentals of Nursing - Potterperry
3. Principles and Practices of Nursing . – Sr. Nancy

### MARK DISTRIBUTION

#### Part A

Unit I to V : 10 marks each

#### Part B

Unit VI : 20 marks

Unit VII, VIII, IX : 10 marks each.

Paper IV: NURSING ADMINISTRATION

### Aim: -

This course orients the students to the philosophy and objective of nursing service and on completion of the course the student explains the principles and techniques of administration and applies it to nursing service and education.

## **SECTION - A**

### **Unit – I**

- \* Introduction
- \* Definition and principles of administration with management

### **Unit II**

- \* Functions of the nursing service administrate.
- \* Duties and responsibilities of Nursing Superintendent.

### **Unit III**

- \* Administration of the Nursing service unit.
- \* Factors affecting ward management.
- \* Role of the Head Nurse – Patient care
- \* Ward Management – Supervision – evaluation .
- \* Planning Nursing Service unit – Physical facilities, floors space.
- \* Assignment of patients – Different methods – Delegation of duties . Time planning

### **Unit IV - Personnel (Human resource Management)**

### **Unit V – Material Management**

### **Unit VI – Leadership and supervision**

- \* Supervision – Principles, methods and technology.

### **Unit VII – financial management and budgeting**

- \* Definition, principles and purposes.

## **Unit VIII – Evaluation .**

- \* Nursing Audit.

## **Unit IX – Issues and problems in nursing service administration**

- \* Expanded roles of nurses
- \* Career development

## **SECTION B**

### **Unit I**

- \* Introduction, Historic development.

### **Unit II**

- \* Administration of Faculty – Selection, recruitment and appointment.

### **Unit III**

- \* Administration of Students – Selection and recruitment.

### **Unit IV**

- \* Administration of Non – teaching staff.

### **Unit V**

- \* Administration of Curriculum

### **Unit VI**

- \* Evaluation

### **Unit VII**

- \* Administration of finance.

### **Unit VIII**

- \* Records and reports – Students and staffs records .



## Unit IX

- \* Public relations - Meaning importance.

## Unit X

- \* Professional organization and opportunities

## Unit XI

- \* Current issues and problems in Nursing Education and Administration.

## REFERENCES

1. Principles of Administration applied to nursing service – Goddard .M
2. Principles and practices of Nursing – Sr. Nancy

## MARK DISTRIBUTION

### Part A

Unit I to VII : 35 marks

Unit VIII to IX : 15 marks

### Part B

Unit I to XI : 50 marks each.

## 2.11 No: of hours per subject

As given under clause 2.10

## 2.12 Practical training

As given under clause 2.10 & 2.9

## 2.13 Records

To be maintained for all Practical Work

## **2.14 Dissertation: As per Dissertation Regulations of KUHS**

Not Applicable

## **2.15 Speciality training if any**

As given under clause 2.10

## **2.16 Project work to be done if any**

As given under clause 2.10

## **2.17 Any other requirements [CME, Paper Publishing etc.]**

A certified practical Record is compulsory for each subject and that will be evaluated at the time of concerned Practical Examination. A maximum of 10 marks shall be given for the record.

## **2.18 Prescribed/recommended textbooks for each subject**

As given under clause 2.10

## **2.19 Reference books**

As given under clause 2.10

## **2.20 Journals**

List of Journals

1. Journal of Ayurveda – National Institute of Ayurveda, Department of AYUSH, Madhav Vilas Palace, Amer Road, Jaipur – 302002. Chief Editor – Prof. Mahendra Singh Meena, Director.
2. AYU - An International Quarterly Journal of Research in Ayurveda The Executive Editor- AYU, Room No.412, 4th Floor, New Institute for Post Graduate Teaching and Research in Ayurveda building, Gujarat Ayurved University, [www.ayujournal.org/](http://www.ayujournal.org/) Chief Editor Prof. P.K. Prajapati Director, IPGT & RA, Gujarat Ayurved University, Jamnagar
3. JRAS - JOURNAL OF DRUG RESEARCH IN AYURVEDA AND SIDDHA. *Journal of Research in Ayurveda and Siddha* [ccras.nic.in/publication/JournalofResearchinAyurvedaSiddha.htm](http://ccras.nic.in/publication/JournalofResearchinAyurvedaSiddha.htm) Chief Editor – Prof. Vd. K.S.Dhiman, Director General, CCRAS, New Delhi.
4. Journal of Research in Ayurveda and Siddha, Chief Editor – Prof. Vd. K.S.Dhiman, Director General, CCRAS, New Delhi.
5. Journal of Indian Medical Heritage, Chief Editor – Prof. Vd. K.S.Dhiman, Director General, CCRAS, New Delhi.
6. Arya Vaidyan – Chief Editor, Dr. M.R. Raghava Varrier, Department of Publications, Aryavaidyasala, Kottakkal.
7. Ancient Science Life, Official publication of AVP Research Foundation, Coimbatore, India. [www.ancientscienceoflife.org/](http://www.ancientscienceoflife.org/)
8. HEALTH SCIENCES - [healthsciences.ac.in/](http://healthsciences.ac.in/) Open Access Peer Reviewed E-Journal. kerala University of Health Sciences, Thrissur.
9. Journal of Indian Systems of Medicine. Editor – Dr. K.S.R. Prasad, Datta Megha Institute of Medical Sciences, Wardha – 442004, Maharashtra

10. J-AIM – Journal of Ayurveda and Integrative Medicine. Editor in Chief – Bhushan Patwardhan, FRLHT, P.O. Attur, Via Elahanka, Bangalore – 560064
11. Ayurveda Vikas – Editor, Ayurveda Vikas, Dabur Tower, Kaushambi, Shahidabad, Gaziabad Dist.,U.P. 201010
12. Dhanwantari – Managing Editor, Amrita Danwantari, PNNM Ayurveda College, Cheruthuruthy, Shornur, Kerala. – ISSN 2349 – 123x
13. IJAR – International Journal of AyurvedaResearch, AYUSH, Govt. of India,Ministry of Health & Family Welfare, Red Cross Building, New Deli – 110001.
14. IJNPR - Indian Journal of Natural Products & Resources, CSIR – NISCAIR
15. IJTK - Indian Journal of Traditional Knowledge, National Institute of Science Communication and Information Resources, Dr K.S. Krishnan Marg, (Near Pusa Gate), New Delhi – 110012
16. PROBE, The Editor, Scientific Publications Divisions, The Himalaya Drug Company, Makali, Bangalore – 562123.
17. International Journal of Research in Ayurveda and Pharmacy (IJRAP), dr. Shalini Sharma, Administrative Office, Moksha Publishing House, 42-A, Anand kunj, Tilak Nagar Colony, Rampur – 244901, UP.
18. Glitters of Ayurveda, Publication Division,SNIASR, Puthoor, Kollam. E-mail: snayurveda@gmail.com

### **2.21 Logbook**

To be maintained for all academic works and shall get countersigned by the concerned HOD

## **3.EXAMINATIONS**

### **3.1 Eligibility to appear for exams**

A candidate is required to put in at least 80% attendance in theory and practical subjects separately in a recognized institution approved by and affiliated to Kerala University of health sciences.

The internal marks will be awarded by the HOD on the basis of the assessment done by the faculty relating to the class tests, assignments, performance in the seminar, class participation etc. A candidate must obtain 35% of marks in internal assessment to be eligible to write the university examination. The class average of internal assessment marks should not exceed 75%.

### 3.2 Schedule of Regular/Supplementary exams

There will be two examinations in a year (regular and supplementary), to be conducted as per notification issued by university from time to time. Supplementary examination shall be conducted by the university for the benefit of unsuccessful candidates. The supplementary examination shall be conducted within six months from the date of announcement of results.

### 3.3 Scheme of examination showing maximum marks and minimum marks

#### DISTRIBUTION OF MARKS

#### I YEAR BSC DEGREE EXAMINATION IN AYURVEDA

| PART      | SUBJECT                               | TOTAL MARKS    | MINIMUM MARKS FOR PASS |
|-----------|---------------------------------------|----------------|------------------------|
| PART I    | BIOLOGICAL SCIENCES                   |                |                        |
| Paper – I | Basic Concepts of Ayurveda & Sanskrit |                |                        |
|           | Written University Exam               | 100            | 50                     |
|           | Class Average                         | 50             | 25                     |
|           | University Oral Examination           | 50             | 25                     |
|           |                                       | <u>Total :</u> | <u>200</u>             |
|           |                                       |                | <u>100</u>             |

**Paper – II    Sareera Rachana Vijnanam**

|                             |     |            |            |
|-----------------------------|-----|------------|------------|
| Written University Exam     | 100 | 50         |            |
| Class Average               | 50  | 25         |            |
| University Oral Examination | 25  | } 50       | 25         |
| Practical Examination       | 20  |            |            |
| Record                      | 5   |            |            |
| <u><b>Total :</b></u>       |     | <b>200</b> | <b>100</b> |

**Paper III –    Sareera|Kriya Vijnanam**

|                             |     |            |            |
|-----------------------------|-----|------------|------------|
| Written University Exam     | 100 | 50         |            |
| Class Average               | 50  | 25         |            |
| University Oral Examination | 25  | } 50       | 25         |
| Practical Examination       | 20  |            |            |
| Record                      | 5   |            |            |
| <b>Total :</b>              |     | <b>200</b> | <b>100</b> |

| PART | SUBJECT | TOTAL MARKS | MINIMUM MARKS FOR PASS |
|------|---------|-------------|------------------------|
|------|---------|-------------|------------------------|

## PART II – SOCIAL AND BEHAVIOURAL SCIENCES

### Paper IV Sociology and general Psychology

|                             |            |            |
|-----------------------------|------------|------------|
| Written University Exam     | 100        | 50         |
| Class Average               | 50         | 25         |
| University Oral Examination | 50         | 25         |
| -----                       |            |            |
| <b>Total :</b>              | <b>200</b> | <b>100</b> |

## PART III – COMMUNITY HEALTH

### Paper V - Swasthavrutha – I

|                             |     |      |     |
|-----------------------------|-----|------|-----|
| Written University Exam     | 100 |      | 50  |
| Class Average               | 50  |      | 25  |
| University Oral Examination | 25  | } 50 | 25  |
| Practical Examination       | 20  |      |     |
| Record                      | 5   |      |     |
| <hr/>                       |     |      |     |
| Total :                     | 200 |      | 100 |

## PART IV – NURSING I

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### Paper - vi      Foundations of Nursing and first aid

|                                  |            |            |
|----------------------------------|------------|------------|
| Written University Exam          | 100        | 50         |
| Class Average                    | 50         | 25         |
| Practical & Oral University Exam | 100        | 50         |
| -----                            |            |            |
| <b>Total :</b>                   | <b>250</b> | <b>125</b> |

| PART | SUBJECT | TOTAL MARKS | MINIMUM MARKS FOR PASS |
|------|---------|-------------|------------------------|
|------|---------|-------------|------------------------|

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### PAPER – VII - PANCHAKARMA – I

|                         |            |               |
|-------------------------|------------|---------------|
| Written University Exam | 100        | 50            |
| Class Average           | 50         | 25            |
| Oral Examination        | 50         | } 100      50 |
| Practical Examination   | 40         |               |
| Record                  | 10         |               |
| Class Average           | 50         | 25            |
| -----                   |            |               |
| <b>Total :</b>          | <b>300</b> | <b>150</b>    |

**PART – V – i. COMPUTER SCIENCE**  
**ii. YOGA**

**No University Examination**

Class Average

100

50

**Grand Total**

**1650**

**825**

## **II YEAR BSc NURSING (AYURVEDA)**

| <b>PART</b>                    | <b>SUBJECT</b>          | <b>TOTAL MARKS</b> | <b>MINIMUM MARKS FOR PASS</b> |
|--------------------------------|-------------------------|--------------------|-------------------------------|
| <b>PART – I – NURSING II</b>   |                         |                    |                               |
| <b>Paper i Medical Nursing</b> |                         |                    |                               |
|                                | Written University Exam | 100                | 50                            |
|                                | Class Average           | 50                 | 25                            |
|                                | Oral Examination        | 50                 | 100                           |
|                                | Practical Examination   | 40                 |                               |
|                                | Record                  | 10                 |                               |
|                                | Class Average           | 50                 | 25                            |
|                                | <b>Total :</b>          | <b>300</b>         | <b>150</b>                    |

### **Paper ii – Pharmacological Nursing & Dietetics**

|                             |            |            |
|-----------------------------|------------|------------|
| Written University Exam     | 100        | 50         |
| Class Average               | 50         | 25         |
| University Oral Examination | 50         | 25         |
| <b>Total :</b>              | <b>200</b> | <b>100</b> |



| PART | SUBJECT | TOTAL MARKS | MINIMUM MARKS FOR PASS |
|------|---------|-------------|------------------------|
|------|---------|-------------|------------------------|

**PART – II – NURSING III**

**Paper iii - Salyskarma Paricharsna**

|                         |     |       |    |
|-------------------------|-----|-------|----|
| Written University Exam | 100 | 50    |    |
| Class Average           | 50  | 25    |    |
| Oral Examination        | 50  | } 100 | 50 |
| Practical Examination   | 40  |       |    |
| Record                  | 10  |       |    |
| Class Average           | 50  | 25    |    |
| Total :                 | 300 | 150   |    |

**Paper – iv – Salakysarkarnaparicharans**

|                         |     |       |    |
|-------------------------|-----|-------|----|
| Written University Exam | 100 | 50    |    |
| Class Average           | 50  | 25    |    |
| Oral Examination        | 50  | } 100 | 50 |
| Practical Examination   | 40  |       |    |
| Record                  | 10  |       |    |
| Class Average           | 50  |       | 25 |
| Total :                 | 300 | ----- |    |
|                         |     | 150   |    |

| PART | SUBJECT | TOTAL MARKS | MINIMUM MARKS FOR PASS |
|------|---------|-------------|------------------------|
|------|---------|-------------|------------------------|

### PART III – NURSING V

#### Paper v – Swasthasvrattha - II

|                             |            |            |
|-----------------------------|------------|------------|
| Written University Exam     | 100        | 50         |
| Class Average               | 50         | 25         |
| University Oral Examination | 50         | 25         |
| <b>Total :</b>              | <b>200</b> | <b>100</b> |

|                      |             |            |
|----------------------|-------------|------------|
| <b>Grand Total :</b> | <b>1300</b> | <b>650</b> |
|----------------------|-------------|------------|



## THIRD YEAR BSc NURSING

| PART                      | SUBJECT | TOTAL MARKS | MINIMUM MARKS FOR PASS |
|---------------------------|---------|-------------|------------------------|
| <b>PART – I NURSING V</b> |         |             |                        |

### Paper – I – Panchakarma II -

|                         |            |            |    |
|-------------------------|------------|------------|----|
| Written University Exam | 100        | 50         |    |
| Class Average           | 50         | 25         |    |
| Oral Examination        | 50         | } 100      | 50 |
| Practical Examination   | 40         |            |    |
| Record                  | 10         |            |    |
| Class Average           | 50         |            | 25 |
| <b>Total :</b>          | <b>300</b> | <b>150</b> |    |

### Paper II - Manasikaroggeeparicharanam

|                         |       |       |     |
|-------------------------|-------|-------|-----|
| Written University Exam | 100   |       | 50  |
| Class Average           | 50    |       | 25  |
| Oral Examination        | 50    | } 100 | 50  |
| Practical Examination   | 40    |       |     |
| Record                  | 10    |       |     |
| Class Average           | 50    |       | 25  |
|                         | ----- |       |     |
| Total :                 | 300   |       | 150 |

| PART | SUBJECT | TOTAL MARKS | MINIMUM MARKS FOR PASS |
|------|---------|-------------|------------------------|
|------|---------|-------------|------------------------|

**Paper iii – Sisuparicharana**

|                         |            |            |
|-------------------------|------------|------------|
| Written University Exam | 100        | 50         |
| Class Average           | 50         | 25         |
| Oral Examination        | 50         | } 100      |
| Practical Examination   | 40         |            |
| Record                  | 10         |            |
| Class Average           | 50         | 25         |
|                         | -----      |            |
| <b>Total :</b>          | <b>300</b> | <b>150</b> |

**PART – II – NURSING RESEARCH**

**Paper – iv – Nursing Research and Statistics**

|                             |            |            |
|-----------------------------|------------|------------|
| Written University Exam     | 100        | 50         |
| Class Average               | 50         | 25         |
| University Oral Examination | 50         | 25         |
|                             | -----      |            |
| <b>Total :</b>              | <b>200</b> | <b>100</b> |

|                           |            |
|---------------------------|------------|
| <b>Grand Total : 1100</b> | <b>550</b> |
|---------------------------|------------|

## FOURTH YEAR BSc NURSING (AYURVEDA)

| PART | SUBJECT | TOTAL MARKS | MINIMUM MARKS FOR PASS |
|------|---------|-------------|------------------------|
|------|---------|-------------|------------------------|

### PART – I – NURSING – VI

#### Paper – i – Maternity & Gynaecological Nursing

|                         |            |       |            |
|-------------------------|------------|-------|------------|
| Written University Exam | 100        | 50    |            |
| Class Average           | 50         | 25    |            |
| Oral Examination        | 50         | } 100 | 50         |
| Practical Examination   | 40         |       |            |
| Record                  | 10         |       |            |
| Class Average           | 50         |       | 25         |
| <b>Total :</b>          | <b>300</b> |       | <b>150</b> |

#### Paper – ii – Samoochya Swasthyasamrakshanam

|                         |            |            |    |
|-------------------------|------------|------------|----|
| Written University Exam | 100        | 50         |    |
| Class Average           | 50         | 25         |    |
| Oral Examination        | 50         | } 100      | 50 |
| Practical Examination   | 40         |            |    |
| Record                  | 10         |            |    |
| Class Average           | 50         | 25         |    |
| <b>Total :</b>          | <b>300</b> | <b>150</b> |    |

| PART | SUBJECT | TOTAL MARKS | MINIMUM MARKS FOR PASS |
|------|---------|-------------|------------------------|
|------|---------|-------------|------------------------|

## PART – II – NURSING VII

### Paper – iii – Nursing Education

|                         |            |            |
|-------------------------|------------|------------|
| Written University Exam | 100        | 50         |
| Class Average           | 50         | 25         |
| Oral Examination        | 50         | } 100      |
| Practical Examination   | 40         |            |
| Record                  | 10         |            |
| Class Average           | 50         | 25         |
| <b>Total :</b>          | <b>300</b> | <b>150</b> |

### Paper – iv – Nursing Administration

|                             |            |            |
|-----------------------------|------------|------------|
| Written University Exam     | 100        | 50         |
| Class Average               | 50         | 25         |
| University Oral Examination | 50         | 25         |
| <b>Total :</b>              | <b>200</b> | <b>100</b> |

## SCHEME OF EXAMINATION

### 1<sup>ST</sup> YEAR B.Sc NURSING (AYURVEDA) EXAMINATION

| PART | SUBJECT | THEORY<br>(DURATION) | PRACTICAL<br>(DURATION) | VIVA |
|------|---------|----------------------|-------------------------|------|
|------|---------|----------------------|-------------------------|------|

#### PART I – BIOLOGICAL SCIENCES

|             |                                       |       |       |     |
|-------------|---------------------------------------|-------|-------|-----|
| Paper – I   | Basic concepts of Ayurveda & Sanskrit | 3 hrs | --    | yes |
| Paper – II  | Sareera Rachana Vijnanam              | 3 hrs | 3 hrs | yes |
| Paper – III | Sareere Kriya Vijnanam                | 3 hrs | 3 hrs | yes |

#### PART – II – SOCIAL AND BEHAVIOURAL SCIENCES

|            |                                  |       |    |     |
|------------|----------------------------------|-------|----|-----|
| Paper – IV | Sociology and general psychology | 3 hrs | -- | yes |
|------------|----------------------------------|-------|----|-----|

#### PART – III – COMMUNITY HEALTH

|           |                    |       |     |     |
|-----------|--------------------|-------|-----|-----|
| Paper – V | Swasthavruttha – I | 3 hrs | Yes | yes |
|-----------|--------------------|-------|-----|-----|

#### PART – IV – NURSING I

|            |                                        |       |       |     |
|------------|----------------------------------------|-------|-------|-----|
| Paper – VI | Foundations of Nursing and first aid . | 3 hrs | 3 hrs | Yes |
|------------|----------------------------------------|-------|-------|-----|

| PART                      | SUBJECT | THEORY<br>(DURATION) | PRACTICAL<br>(DURATION) | VIVA |
|---------------------------|---------|----------------------|-------------------------|------|
| Paper VII – Panchakarma I |         | 3hrs                 | 3hrs                    | Yes  |

PART - V – i. COMPUTER SCIENCE

Only Internal Assessment

ii. YOGA

## II YEAR BSc NURSING COURSE

### PART-I -NURSING-II

|                                                  |       |      |     |
|--------------------------------------------------|-------|------|-----|
| Paper – I - Medical Nursing                      | 3 hrs | 3hrs | yes |
| Paper – II – Pharmacological Nursing & Dietetics | 3 hrs | --   | yes |

### PART-II-NURSING-III

|                                     |       |       |     |
|-------------------------------------|-------|-------|-----|
| Paper III – Salyakarma Paricharana  | 3 hrs | 3 hrs | yes |
| Paper IV – Salakyakarma Paricharana | 3 hrs | 3 hrs | yes |

### PARTIII- NURSING-IV

|                               |       |    |     |
|-------------------------------|-------|----|-----|
| Paper V - Swasthavruttha – II | 3 hrs | -- | yes |
|-------------------------------|-------|----|-----|



## THIRD YEAR BSc NURSING COURSE

### PART-I-NURSING V

|                                       |       |       |     |
|---------------------------------------|-------|-------|-----|
| Paper – I – Panchakarma II            | 3 hrs | 3 hrs | yes |
| Paper – II – Manasikarogi Paricharana | 3 hrs | 3 hrs | yes |
| Paper – III – Sisuparicharana         | 3 hrs | 3 hrs | yes |

### PART-II-NURSING RESEARCH

|                                             |       |     |     |
|---------------------------------------------|-------|-----|-----|
| Paper IV – Nursing Research and Statistics. | 3 hrs | --- | yes |
|---------------------------------------------|-------|-----|-----|

## FOURTH YEAR BSc NURSING COURSE

### PART-I-NURSING-VI

|                                                  |       |       |     |
|--------------------------------------------------|-------|-------|-----|
| Paper – I – Maternity & Gynaecological Nursing . | 3 hrs | 3 hrs | yes |
| Paper – II – Sāmoochya swasthyasamrakshanam      | 3 hrs | 3 hrs | yes |

### PART-II-EDUCATION & ADMINISTRATION

|                                    |       |       |     |
|------------------------------------|-------|-------|-----|
| Paper – IV – Nursing Education     | 3 hrs | 3 hrs | yes |
| Paper – V – Nursing Administration | 3 hrs | --    | yes |

## HOUR DISTRIBUTION

### I YEAR BSc NURSING COURSE

Course of Study for the first year B.Sc Nursing (Ayurveda ), shall be one academic year and comprise the study of the following subjects ,

| PART | SUBJECT | No. of Theory Hrs | No. of Practical Hrs |
|------|---------|-------------------|----------------------|
|------|---------|-------------------|----------------------|

#### PART-I BIOLOGICAL SCIENCES

|                                                 |                  |        |
|-------------------------------------------------|------------------|--------|
| Paper – I Basic concepts of Ayurveda & Sanskrit | 65 hrs<br>25 hrs |        |
| Paper – II Sareera Rachana Vijnanam             | 80 hrs           | 20 hrs |
| Paper – III Sāreera Kriya Vijnanam              | 80 hrs           | 10 hrs |
|                                                 | -----            | -----  |
| Total :                                         | 250 hrs          | 30 hrs |

#### PART-II-SOCIAL AND BEHAVIOURAL SCIENCES

|                                             |        |       |
|---------------------------------------------|--------|-------|
| Paper – IV Sociology and general psychology | 80 hrs | -     |
|                                             | -----  | ----- |
| Total :                                     | 80 hrs | -     |

### PART-III-COMMUNITYHEALTH

|                              |        |        |
|------------------------------|--------|--------|
| Paper – V Swasthavruttha – I | 80 hrs | 60 hrs |
| <hr/>                        |        |        |
| Total :                      | 80 hrs | 60 hrs |
| <hr/>                        |        |        |

### PART-IV-NURSINGI

|                                                     |         |         |
|-----------------------------------------------------|---------|---------|
| Paper – VI – Foundations of Nursing and first aid . | 250 hrs | 330     |
| Paper VII – Panchakarma I                           | 110hrs  | 90      |
| <hr/>                                               |         |         |
| Total :                                             | 360 hrs | 420 hrs |

|                                |        |        |
|--------------------------------|--------|--------|
| PART - I – i. COMPUTER SCIENCE | 20 hrs | 40 hrs |
| ii. YOGA                       | 20 hrs | 20 hrs |
| <hr/>                          |        |        |
| Total :                        | 40 hrs | 60 hrs |
| <hr/>                          |        |        |

**Grand Total (theory) : 810 hrs = 31 hrs per weeks x 26 weeks + 4 hrs extra is added**

**Grand total (Practical) : 570 hrs = 38 hrs per week x 15 weeks**

Vacation / Holidays = 6 weeks

Preparation for the Examination = 2 weeks

Examination = 3 weeks

**Total : 52 weeks**

## II YEAR BSc NURSING COURSE

| PART | SUBJECT | No. of Theory Hrs | No. of Practical Hrs |
|------|---------|-------------------|----------------------|
|------|---------|-------------------|----------------------|

### PART-I-NURSING-II

|                                                  |                |                |
|--------------------------------------------------|----------------|----------------|
| Paper – I - Medical Nursing                      | 170 hrs        | 440 hrs        |
| Paper – II – Pharmacological Nursing & Dietetics | 45 hrs         | 40 hrs         |
| <b>Total :</b>                                   | <b>215 hrs</b> | <b>480 hrs</b> |

### PART-II-NURSING-III

|                                      |                |                |
|--------------------------------------|----------------|----------------|
| Paper III – Salyakarma Paricharana   | 90 hrs         | 400 hrs        |
| Paper IV – Salakysakarma Paricharana | 80 hrs         | 160 hrs        |
| <b>Total</b>                         | <b>170 hrs</b> | <b>560 hrs</b> |

### PARTIII- NURSING-IV

|                              |        |         |
|------------------------------|--------|---------|
| Paper V - Swasthawritha – II | 80 hrs | 120 hrs |
|------------------------------|--------|---------|

**Grand Total (theory) : 465 hrs = 35 hrs per weeks x 13weeks + 10 hrs extra**

**Grand Total (Practical) : 1160 hrs = 41 hrs per week x 28 weeks + 12 hrs extra**

Vacation / Holidays : 6 weeks

Preparation for the Examination = 2 weeks

Examination = 3 weeks

**Total : 52 weeks**

## THIRD YEAR BSc NURSING COURSE.

Course of Study for the third year B.Sc Nursing (Ay), shall be one academic year and comprise the study of the following subjects,

| PART | SUBJECT | No. of Theory Hrs | No. of Practical Hrs |
|------|---------|-------------------|----------------------|
|------|---------|-------------------|----------------------|

### PART-I-NURSING V-Including clinical posting

|                                       |         |          |
|---------------------------------------|---------|----------|
| Paper – I – Panchakarma II            | 110 hrs | 430 hrs  |
| Paper – II – Manasikarogi Paricharana | 100 hrs | 370 hrs  |
| Paper – III – Sisuparicharana         | 100 hrs | 400 hrs  |
|                                       | 310 hrs | 1200 hrs |

### PART-II-NURSING RESEARCH-

|                                              |                  |                 |
|----------------------------------------------|------------------|-----------------|
| Paper IV – Nursing Research and Statistics . | 50 hrs           | 80 hrs          |
| <b>Grand Total</b>                           | <b>: 360 hrs</b> | <b>1280 hrs</b> |

**Grand Total (theory) : 360 hrs = 30 hrs per weeks x 12 weeks**

**Grand total (Practical): 1280 hrs = 44 hrs per week x 29 weeks + 4 hrs extra**

**Vacation / Holidays = 6 weeks**

**Preparation for the Examination = 2 weeks**

**Examination = 3 weeks**

**Total : 52 weeks**

## FOURTH YEAR BSc NURSING COURSE

| PART | SUBJECT | No. of Theory Hrs | No. of Practical Hrs |
|------|---------|-------------------|----------------------|
|------|---------|-------------------|----------------------|

### PART – I – NURSING – VI – Including clinical posting is added

|                                                  |         |         |
|--------------------------------------------------|---------|---------|
| Paper – I – Maternity & Gynaecological Nursing . | 120 hrs | 660 hrs |
| Paper – II – Sāmooohya swasthyasamrakshana       | 60 hrs  | 320 hrs |

### PART – II – EDUCATION & ADMINISTRATION

|                                    |                |             |
|------------------------------------|----------------|-------------|
| Paper – IV – Nursing Education     | 80 hrs         | 160 hrs     |
| Paper – V – Nursing Administration | 60 hrs         | 160 hrs     |
| <b>Total :</b>                     | <b>320 hrs</b> | <b>1300</b> |

**Grand Total (theory) : 320 hrs = 36 hrs per weeks x 9 weeks**

**Grand Total (Practical) 1300 hrs = 40 hrs per week x 32 weeks + 20 hrs extra**

**Vacation / Holidays = 6 weeks**

**Preparation for the Examination = 2 weeks**

**Examination = 3 weeks**

**Total : 52 weeks**

**Mark List Showing Maximum & Minimum**

**KERALA UNIVERSITY OF HEALTH SCIENCES**

**THRISSUR – 680 596**

**STATEMENT OF MARKS**

Name of the Candidate .....

Reg No. ....

Name of the college .....

Name of course : BSc Nursing ayurveda

Examination : **First Year BSc Nursing Ayurveda Examination**

Year and month of Publication

Date of publication

:.....

| Sl. N o.    | Subjects                             | Theory |     |          | Practical/Viva |     |          | Total |     |          | Result |
|-------------|--------------------------------------|--------|-----|----------|----------------|-----|----------|-------|-----|----------|--------|
|             | Paper                                | Max    | Min | Awar ded | Max            | Min | Awar ded | Max   | Min | Awar ded |        |
| 1           | Basic concept of ayurveda & sanskrit | 100    | 50  |          | 50             | 25- | -        | 150   | 75  |          |        |
| 2           | Sareera Rachana Vijnanam             | 100    | 50  |          | 100            | 50  |          | 200   | 100 |          |        |
| 3           | Sareera Kriya Vijnanam               | 100    | 50  |          | 100            | 50  |          | 200   | 100 |          |        |
| 4           | Swasthavritta I                      | 100    | 50  |          | 100            | 50  |          | 200   | 100 |          |        |
| 5           | Sociology& General Psychology        | 100    | 50  |          | 50             | 25  |          | 150   | 75  |          |        |
| 6           | Foundation of Nursing with first aid | 100    | 50  |          | 100            | 50  |          | 200   | 100 |          |        |
| 7           | Panchakarma I                        | 100    | 50  |          | 100            | 50  |          | 200   | 100 |          |        |
| Grand Total |                                      |        |     |          |                |     |          | 1300  | 650 |          |        |

A- Absent, P- passed, F-failed

Checked by

Asst

SO

AC/AR/DR

Controller of Examination

**KERALA UNIVERSITY OF HEALTH SCIENCES**

**THRISSUR – 680 596**

**STATEMENT OF MARKS**

Name of the Candidate .....

Reg No. ....

Name of the college .....

Name of course : BSc Nursing ayurveda

Examination : **Second Year BSc Nursing Ayurveda Examination**

Year and month of Publication  
:.....

Date of publication

| Sl. No.     | Subjects                          | Theory |     |         | Practical/Viva |     |         | Total |     |         | Result |
|-------------|-----------------------------------|--------|-----|---------|----------------|-----|---------|-------|-----|---------|--------|
|             |                                   | Max    | Min | Awarded | Max            | Min | Awarded | Max   | Min | Awarded |        |
| 1           | Medical Nursing                   | 100    | 50  |         | 100            | 50  |         | 200   | 100 |         |        |
| 2           | Pharmacological Nursing & Dietics | 100    | 50  |         | 50             | 25  | -       | 150   | 75  |         |        |
| 3           | Shalyakarma Paricharana           | 100    | 50  |         | 100            | 50  |         | 200   | 100 |         |        |
| 4           | Shalakyakarma Paricharana         | 100    | 50  |         | 100            | 50  |         | 200   | 100 |         |        |
| 5           | Swasthavritta II                  | 100    | 50  |         | 50             | 25  | -       | 150   | 75  |         |        |
| Grand Total |                                   |        |     |         |                |     |         | 900   | 450 |         |        |

A- Absent, P- passed, F-failed

Checked by

Asst

SO

AC/AR/DR

Controller of Examination



**KERALA UNIVERSITY OF HEALTH SCIENCES**

**THRISSUR – 680 596**

**STATEMENT OF MARKS**

Name of the Candidate .....

Reg No. ....

Name of the college .....

Name of course : BSc Nursing ayurveda

Examination : **Third Year BSc Nursing Ayurveda Examination**

Year and month of Publication  
:.....

Date of publication

| Sl<br>·<br>N<br>o.  | Subjects                         | Theory |     |             | Practical/Viva |     |             | Total |     |             | Result |
|---------------------|----------------------------------|--------|-----|-------------|----------------|-----|-------------|-------|-----|-------------|--------|
|                     |                                  | Max    | Min | Awar<br>ded | Max            | Min | Awar<br>ded | Max   | Min | Awar<br>ded |        |
| 1                   | Panchakarma II                   | 100    | 50  |             | 100            | 50  |             | 200   | 100 |             |        |
| 2                   | Manasikaroga<br>Paricharana      | 100    | 50  |             | 100            | 50  |             | 200   | 100 |             |        |
| 3                   | Sisu Paricharana                 | 100    | 50  |             | 100            | 50  |             | 200   | 100 |             |        |
| 4                   | Nursing Research &<br>Statistics | 100    | 50  |             | 50             | 25  | -           | 150   | 75  |             |        |
| Grand Total         |                                  |        |     |             |                |     |             | 750   | 375 |             |        |
| सर्व भवेन्न मूर्धनः |                                  |        |     |             |                |     |             |       |     |             |        |

A- Absent, P- passed, F-failed

Checked by

Asst

SO

AC/AR/DR

Controller of Examination

**KERALA UNIVERSITY OF HEALTH SCIENCES**

**THRISSUR – 680 596**

**STATEMENT OF MARKS**

Name of the Candidate .....

Reg No. ....

Name of the college .....

Name of course : BSc Nursing ayurveda

Examination: **Fourth Year BSc Nursing Ayurveda Examination**

Year and month of Publication  
:.....

Date of publication

| Sl. No.     | Subjects                          |            | Theory |     |         | Practical/Viva |     |         | Total |     |         | Result |
|-------------|-----------------------------------|------------|--------|-----|---------|----------------|-----|---------|-------|-----|---------|--------|
|             | Paper                             |            | Max    | Min | Awarded | Max            | Min | Awarded | Max   | Min | Awarded |        |
| 1           | Maternity & Gynecological Nursing | university | 100    | 50  |         | 100            | 50  |         | 200   | 100 |         |        |
| 2           | Samoohya Swastha Samrakshana      | university | 100    | 50  |         | 100            | 50  |         | 200   | 100 |         |        |
| 3           | Nursing education                 | university | 100    | 50  |         | 100            | 50  |         | 200   | 100 |         |        |
| 4           | Nursing Administration            | university | 100    | 50  |         | 50             | 25  |         | 150   | 75  |         |        |
| Grand Total |                                   |            |        |     |         |                |     |         | 750   | 375 |         |        |
|             |                                   |            |        |     |         |                |     |         |       |     |         |        |

A- Absent, P- passed, F-failed

Checked by

Asst

SO

AC/AR/DR

Controller of Examination

### 3.4 Papers in each year:

As given under clause 2.10 and clause 3.3

### 3.5 Details of theory exams

**Eligibility for appearing for University Examination:** - There should be 80% attendance in all subjects (theory and practical separately) and a candidate must obtain 35% of marks in internal assessment in all subjects to be eligible to write the university examination. The class average of internal assessment marks should not exceed 75%.

**Criteria for Pass:** - A candidate should secure 50% aggregate marks in each subject with practical (theory + Practical + Viva ) and in each subject without practical (theory + Viva) and 50% separately in University theory and University practical (Practical + viva ).

**Grace Marks:** - Maximum 5 marks can be given to a subject or shall be distributed among different subjects for a whole pass or a subject pass (theory / Practical) as per the discretion of the pass board. No grace marks will be given for internal assessment.

#### Distribution of Marks: - B Sc Nursing Ayurveda 1<sup>st</sup> year

| Subject                      | Theory | Pass Min | Practical | Record | Viva | Total | Pass Min | Subject Total | Pass Min |
|------------------------------|--------|----------|-----------|--------|------|-------|----------|---------------|----------|
| Basic concept Ayurveda, Sans | 100    | 50       | ---       | --     | 50   | ---   | --       | 150           | 75       |
| Sareera rachana              | 100    | 50       | 40        | 10     | 50   | 100   | 50       | 200           | 100      |
| Sareera kriya                | 100    | 50       | 40        | 10     | 50   | 100   | 50       | 200           | 100      |
| Community health             | 100    | 50       | 40        | 10     | 50   | 100   | 50       | 200           | 100      |
| Social and behavioral        | 100    | 50       |           |        | 50   |       |          | 150           | 75       |
| Nursing I                    | 100    | 50       | 50        | --     | 50   | 100   | 50       | 200           | 100      |
| Panchakarma                  | 100    | 50       | 40        | 10     | 50   | 100   | 50       | 200           | 100      |
| Total                        |        |          |           |        |      |       |          | 1300          | 650      |

#### BSc Nursing Ayurveda II<sup>nd</sup> year

| Subject                 | Theory | Pass Min | Practical | Viva | Record | Total | Pass Min | Subject Total | Pass min |
|-------------------------|--------|----------|-----------|------|--------|-------|----------|---------------|----------|
| Medical Nursing II      | 100    | 50       | 40        | 50   | 10     | 100   | 50       | 200           | 100      |
| Pharmacological Nursing | 100    | 50       | --        | 50   | --     | --    | --       | 150           | 75       |
| Salyakarma Paricarana   | 100    | 50       | 40        | 50   | 10     | 100   | 50       | 200           | 100      |
| Salakyakarma Paricarana | 100    | 50       | 40        | 50   | 10     | 100   | 50       | 200           | 100      |
| Swasthavrita II         | 100    | 50       | --        | 50   | --     | --    |          | 150           | 75       |
| Total                   |        |          |           |      |        |       |          | 900           | 450      |

**B Sc Nursing III<sup>rd</sup> year**

[illegible]

**B Sc Nursing IV<sup>th</sup> year**

[illegible]

Note: This will be effected from 2013 examinations.

### 3.6 Model question Paper for each subject with question Paper pattern

**a. Question Paper Pattern (when there is no section wise division)**

|              |                                                                   |           |
|--------------|-------------------------------------------------------------------|-----------|
| Essays       | : Two essays of ten marks each                                    | (2X10=20) |
| Short Essays | : Ten short essays of five marks each                             | (10X5=50) |
| Short Notes  | : Ten questions on concept clarifications<br>for three marks each | (10X3=30) |

**b. Question Paper Pattern (when there is section wise division)**

### Section -A

|                     |                                                   |                  |
|---------------------|---------------------------------------------------|------------------|
| <b>Essays</b>       | <b>: One essay of ten marks</b>                   | <b>(1X10=10)</b> |
| <b>Short Essays</b> | <b>: Five short essays of five marks each</b>     | <b>(5X5=25)</b>  |
| <b>Short Notes</b>  | <b>: Five questions on concept clarifications</b> |                  |

|                   |                                                                    |                 |
|-------------------|--------------------------------------------------------------------|-----------------|
|                   | <b>for three marks each</b>                                        | <b>(5X3=15)</b> |
| <b>Section -B</b> |                                                                    |                 |
| Essays            | : One essay of ten marks                                           | (1X10=10)       |
| Short Essays      | : Five short essays of five marks each                             | (5X5=25)        |
| Short Notes       | : Five questions on concept clarifications<br>for three marks each | (5X3=15)        |

### 3.7 Internal assessment component

The internal assessment marks in theory/Practical shall be restricted to a maximum of 25% of the University Examinations –in Theory/Practical separately. The internal assessment marks in theory/Practical shall be on the basis of the assessment made by the teachers from the candidate's performance in the: Three (3) sessional examinations (evenly placed) conducted by the department, Laboratory work and seminars during the course of study. The third sessional examination should be conducted as model examination as that of University. The best of first two sessional examinations marks and the third sessional model examination (compulsory) should be included for calculating internal assessment marks. The marks secured by the candidates in each Paper/subject shall be forwarded to the university at the end of the course for university examinations. The class average of the sessional marks should not exceed 75%. The candidates who failed in the university examination will be allowed a separate internal assessment for both theory and practical including viva. The minimum requirement of internal assessment for appearing university examination shall be 35%. If a candidate not securing minimum internal assessment he / she should appear for next university examination (supple or regular) after securing minimum internal assessment. But student shall be promoted to the subsequent years. A regular record of theory and practical sessional marks shall be maintained for each student in the institution.

**Practical Examination:** A certified practical Record is compulsory for each subject and that will be evaluated at the time of concerned Practical Examination. A maximum of 10 marks shall be given for the record.

### 3.8 Details of practical/clinical practicum exams

As given under clause 3.7

### 3.9 Number of examiners needed (Internal & External) and their qualifications

The teachers and examiners should possess qualifications acquired from a University / Institution recognized by K.U.H.S. The teachers should possess post graduate degree from a university recognized by KUHS. To become

external/internal examiner a teacher should possess a minimum of three years of post P.G teaching experience in the concerned subject. The following are the faculty qualifications for teaching and becoming and Examiner.

### **3.10 Details of viva:**

As given under clause 2.10

## **4.INTERNSHIP**

### **4.1 Eligibility for internship**

Not Applicable

### **4.2 Details of internship**

Not Applicable

### **4.3 Model of Internship Mark lists**

Not Applicable

### **4.4 Extension rules:**

Any other leave other than eligible leave less than 6 months are to be compensated by extension granted by the principal.

### **4.5 Details of training given**

Not Applicable

## **5.ANNEXURES**

**5.1 Check Lists for Monitoring:** Log Book, Seminar Assessment etc. to be formulated by the curriculum committee of the concerned Institution.