

SHIVAJI UNIVERSITY, KOLHAPUR



Faculty of Interdisciplinary Studies Structure,
Scheme and Syllabus for Bachelor of Vocation (B.
Voc.)

Nursing and Hospital Management

Part III- Sem. V & VI

(Subject to the modifications that will be made from time to time)

Syllabus to be implemented from, 2022-2023 onwards)

SHIVAJI UNIVERSITY, KOLHAPUR
STRUCTURE AND SYLLABUS OF B.VOC.

Bachelor of Vocation (B. Voc.) – Nursing and Hospital Management.

TITLE : B. Voc. (Nursing and Hospital Management)
Syllabus (Semester Pattern) Under Faculty of Interdisciplinary
Studies

YEAR OF IMPLEMENTATION : Syllabus will be implemented from August, 2022

DURATION: B. Voc. Part I, II and III (Three Years)
B. Voc. Part I - Diploma (One Year)
B. Voc. Part II - Advanced Diploma (Second Year)
B. Voc. Part III – Degree (Third Year)

PATTERN OF EXAMINATION: Semester Pattern

- Theory Examination - At the end of semester as per Shivaji University, Rules
- Practical Examination - i) In the 1st, 3rd and 5th semester of B.Voc. there will be internal assessment of practical record, related report submission and project reports at the end of semester
ii) In the second semester of B. Voc. I, there will be internal practical examination at the end of semester
iii) In the 4th and 6th semester of B. Voc. there will be external practical examination at the end of semester

MEDIUM OF INSTRUCTION: English.

STRUCTURE OF COURSE : B. Voc. Part – I, II and III.

1. B. Voc. Part – I, II and III Two Semester Per Year
Two General Papers per year / semester Three Vocational
Papers per Year / Semester Three Practical papers per Year
/ Semester
One Project / Industry Visit/ Study Tour / Survey

SCHEME OF EXAMINATION:

A) THEORY:

- The theory examination shall be at the end of each semester.
- All the general theory papers shall carry 40marks and all vocational theory papers shall carry 50marks.
- Evaluation of the performance of the students in theory shall be on the basis of semester examination as mentioned above.
- Question paper will be set in the view of entire syllabus preferably covering each unit of the syllabus.

- Nature of question paper for Theory examination (Excluding Business Communication Paper)
 - i) There will be seven questions carrying equal marks.
 - ii) Students will have to solve any five questions

Que. No. 1: Short answer type question with internal choice (Two out of three)

Que. No. 2 to Que. No. 6: Long answer type questions.

Que. No. 7: Short Notes with internal choice (Two out of three)

B) PRACTICAL:

Evaluation of the performance of the students in practical shall be on the basis of semester examination (Internal assessment at the end of Semester I, II and III and V and external examination at the end of Semester IV and VI as mentioned separately in each paper.

Standard of Passing:

As per the guidelines and rules for B. Voc. (Attached Separately – Annexure I)

Eligibility Criteria:

1. The Eligibility for admission is 10+2 or equivalent, in any stream (Arts/Commerce/Science) from any recognized board or University.
2. The candidates after with 10+2 year ITI course in any branch/trade also eligible for course.
3. The candidates graduate from any faculty or engineering degree/diploma holders are also eligible.

10 +2 from any faculty or equivalent Diploma / Advanced Diploma in any related stream.

Eligibility for Faculty:

- 1) M.Sc. in Nursing, MBA in Hospital Management / Hospital Management with SET/NET/Ph.D. or 05 years of experience in the relevant field or B.Sc. in Nursing and Hospital Management with 10 years of experience in the relevant field
- 2) M.A. (English) with SET/NET/Ph.D. for Business Communication
- 3) M.Com./MBA/MCA with SET/NET/Ph.D. for Principles of Management, Computer Fundamentals, Fundamentals of Financial Accounting

Eligibility for Laboratory Assistant:

B.Sc. in Nursing/ Hospital management/ Healthcare Services or Diploma in the relevant field for third

For first Year of Diploma – 1 Part Time

For second and third Year (Inclusive of 1st Year) of Advanced Diploma– 1 Full Time

Staffing Pattern:

st

- a) In 1st Year of Advanced Diploma- 1 Full Time and 1 Part Time Assistant Professor for Nursing and Hospital management and 1 CHB Assistant Professor for Business Communication
- b) In 2nd Year of Advanced Diploma– Total requirement of faculty (Inclusive of 1st Year) will be 2 Full time for Nursing and Hospital Management and CHB Assistant Professors for Computer Fundamental/ Fundamentals of Financial Accounting
- c) For 2nd and 3rd Year (Inclusive of 1st Year) of B. Voc. – 1 Full Time

Lab Assistant: For first Year of Diploma – 1 Part Time

For second Year (Inclusive of 1st Year) of Advanced Diploma– 1 Full Time

Eligibility for Admission : 10 + 2 from any faculty or equivalent Diploma / Advanced Diploma in any related stream.

Eligibility for Faculty : 1) Post graduate with NET / SET

2) M. A. (English) with NET/SET for Business Communication

Eligibility for Lab Assistant : Graduation with related field

Staffing Pattern

Teaching : In the 1st year of B. Voc. – One Full Time

one C. H. B. for Business Communication Lab. Assistant

: For 1st Year of B. Voc. – 1 Part Time

For 2nd and 3rd Year (Inclusive of 1st Year) of B. Voc. – 1 Full Time

Credit System

FOR B. Voc. – Nursing and Hospital Management

Credit system:

Education the Institute is organized around the semester-based credit system of study. The type of credit will be credit by the organ practical examination. The prominent features of the credit system are a process of continuous valuation of a student's performance/progress and flexibility to allow a student to progress at an optimum pace suited to his/her ability or convenience, subject to fulfilling minimum requirements for continuation. A student's performance/ progress is measured by then number of credits that the/she has earned, i.e. completed satisfactorily. Based on the course credits and grades obtained by the student, grade

point average is calculated. A minimum grade point average is required to be maintained for satisfactory progress and continuation in the programme. Also a minimum number of earned credits and minimum grade point average should be acquiring order to qualify for the degree.

All programmes are defined by the total credit requirement and a pattern of credit distribution over courses of different categories.

Course credits assignment:

Each course has a certain number of credits assigned to it depending upon its lectures and laboratory contact hours in a week. This weightage is also indicative of the academic expectation that includes in-class contact and self-study outside of class hours.

One credit would mean equivalent to 15 periods for lectures, practicals/workshop.

For internship/field work, the credit weightage for equivalent hours shall be equal of that for lecture /practical.

The credits for each of the year of B.Voc. Degree Course will be as follows

Level	Awards	Normal calendar duration	Skill Component Credits	General Education Credits
Year 1	Diploma	Two Semesters	36	24
Year 2	Advanced Diploma	Four Semesters	36	24
Year 3	Degree	Six semesters	36	24
Total			72	48

Evaluation system:

Standard of passing

The maximum credits for Advanced Diploma in Catering and Hospitality Management semester course

(Of four semesters) will be $30 \times 4 = 120$ credits.

To pass in each paper students are required to obtain 4 grade points in each paper, it means 18 to 20

Marks for 50 Marks Theory / Practical papers, 14.08 to 16 for 40 Marks Theory papers and 04 marks for 10 Marks

Practical Papers

Assessment of Project/ Industrial visit/study tour/Internship Report. The Project/Industrial visit/study tour/Internship report must be submitted by the prescribed date usually two weeks before the end of academic session of the semester. It is desirable that the

topics for Project/ Industrial visit/study tour/ Internship report shall be assigned by the end of previous semester. The Project/ Industrial visit/ study tour/Internship report and its presentation shall be evaluated by the coordinator of the course and concerned faculty.

1. Grade point for Theory/Practical/Project/Industrial visit/study tour/Internship Report

- **Table –I: for 50 Marks Theory or Practical**

Grade Point	Marks out of	Marks obtained	Grade	Description of performance
0	50	0.0 to 2.5	D	Unsatisfactory
1	50	2.6 to 5.0		
1.5	50	5.1 to 7.5		
2	50	7.6 to 10.0		
2.5	50	10.1 to 12.5		
3	50	12.6 to 15.0		
3.5	50	15.1 to 17.5		
4	50	17.6 to 20.0	C	Fair
4.5	50	20.1 to 22.5		
5	50	22.6 to 25.0	B	Satisfactory
5.5	50	25.1 to 27.5		
6	50	27.6 to 30.0	B+	Good
6.5	50	30.1 to 32.5		
7	50	32.6 to 35.0	A	Very Good
7.5	50	35.1 to 37.5		
8	50	37.6 to 40.0	A+	Excellent
8.5	50	40.1 to 42.5		
9	50	42.6 to 45.0	O	Outstanding
9.5	50	45.1 to 47.5		
10	50	47.6 to 50.0		

• **Table No-II: for 40 Marks Theory and for 10 Marks Practical**

Grade Point	Marks out of	Marks obtained	Grade	Description of performance
0.00	40	0.0 to 2.0	D	Unsatisfactory
1	40	2.08 to 4.0		
1.5	40	4.08 to 6.0		
2	40	6.08 to 8.0		
2.5	40	8.08 to 10.0		
3	40	10.08 to 12.0		
3.5	40	12.08 to 14.0		
4	40	14.08 to 16.0	C	Fair
4.5	40	16.08 to 18.0		
5	40	18.08 to 20.0	B	Satisfactory
5.5	40	20.08 to 22.0		
6	40	22.08 to 24.0	B ⁺	Good
6.5	40	24.08 to 26.0		
7	40	26.08 to 28.0	A	Very Good
7.5	40	28.08 to 30.0		
8	40	30.08 to 32.0	A ⁺	Excellent
8.5	40	32.08 to 34.0		
9	40	34.08 to 36.0	O	Outstanding
9.5	40	36.08 to 38.0		
10	40	38.08 to 40.0		
Grade Point	Marks out of	Marks obtained	Grade	Description of performance
0.00	10	0.0 to 0.5	D	Unsatisfactory
1	10	0.52 to 1.0		
1.5	10	1.02 to 1.5		
2	10	1.52 to 2.0		
2.5	10	2.02 to 2.5		
3	10	2.52 to 3.0		
3.5	10	3.02 to 3.5		
4	10	3.52 to 4.0	C	Fair
4.5	10	4.02 to 4.5		
5	10	4.52 to 5.0	B ⁺	Satisfactory
5.5	10	5.02 to 5.5		
6	10	5.52 to 6.0	B	Good
6.5	10	6.02 to 6.5		
7	10	6.52 to 7.0	A	Very Good
7.5	10	7.02 to 7.5		
8	10	7.52 to 8.0	A ⁺	Excellent
8.5	10	8.02 to 8.5		
9	10	8.52 to 9.0	O	Outstanding
9.5	10	9.02 to 9.5		
10	10	9.52 to 10.0		

Calculation of SGPA and CGPA-

1.Semester Grade Point Average(SGPA)= $\frac{\Sigma (\text{course credits in passed courses} \times \text{earned grade points})}{\Sigma (\text{Course credits in registered courses})}$

2. Cumulative Grade Point Average= $\frac{\Sigma (\text{course credits in passed courses} \times \text{earned grade points})}{\Sigma (\text{Course credits in registered courses})}$ of all Sem

At the end of each year of Degree Program, student will be placed in any one of the divisions as detailed below:

SGPA and CGPA Table

Grade Point	Grade	Description of performance
0.00 to 3.49	D	Unsatisfactory
3.5to 4.49	C	Fair
4.5 to 5.49	B	Satisfactory
5.5 to 5.99	B ⁺	Good
6.0 to 6.99	A	Very Good
7.0 to 8.49	A ⁺	Excellent
8.5 to10.00	O	Outstanding

- First Class with distinction: CGPA> 7.0 and above
- First Class: CGPA> 6.0 and <7.0
- Second Class: CGPA> 5.0 and <6.0
- Pass Class: CGPA> 4.0 and <5.0
- Fail: CGPA<4.0

B. Voc. –III (Degree) Semester -V

Sr.No .	Pape r No.	Title	Theory/ Practical /Project	Mark s (Total)	Distribution of Marks		Credits	
					Theor y	Practical	Theory	Practica l
General Education Component								
1	I	Hospital Operation Management	Theory/ Practica l	50	40	10	3	2
2	II	Marketing Management	Theory/ Practica l	50	40	10	3	2
Skill Component								
3	III	Pediatric Nursing	Theory	50	50	-	3	
4	IV	Public Health	Theory	50	50	-	3	-
5	V	Hospital and Health System	Theory	50	50	-	3	-
6	VI	Laboratory Work- Pediatric Nursing	Practical	50	-	50	-	3
7	VII	Laboratory Work- Public Health	Practical	50	-	50	-	3
8	VIII	Laboratory Work- Hospital and Health System	Practical	50	-	50	-	3
9	IX	Project/ Industrial Visit / Hospital visit visit/ Study Tour.		50	-	50	-	2

B. Voc. –III (Degree) Semester - VI

Sr.No	Paper No.	Title	Theory/ Practical /Project	Marks (Total)	Distribution of Marks		Credits	
					Theor y	Practica l	Theor y	Practical
General Education Component								
1	I	Health Economics	Theory/ Practical	50	40	10	3	2
2	II	Medical Record Science	Theory/ Practical	50	40	10	3	2
Skill Component								
3	III	Healthcare services	Theory	50	50	-	3	
4	IV	Health education	Theory	50	50	-	3	-
5	V	Hospital Support Services	Theory	50	50	-	3	-
6	VI	Laboratory Work-Healthcare services	Practical	50	-	50	-	3
7	VII	Laboratory Work-Health education	Practical	50	-	50	-	3
8	VIII	Laboratory Work-Hospital Support services	Practical	50	-	50	-	3
9	IX	Project/ Industrial Visit / Hospital visit/ Study Tour.		50	-	50	-	2

B. Voc. Part III (Degree) Semester – V

Sr No.	Paper No.	Title	Theory/Practical/Project	Marks (Total)	Theory	Practical
37	501	Hospital Operation Management paper I	Theory /Practical	50	40	10
38	502	Marketing Management paper I	Theory /Practical	50	40	10
39	503	Pediatric Nursing Paper I	Theory	50	50	-
40	504	Public Health Paper I	Theory	50	50	-
41	505	Healthcare services and its applications Paper I	Theory	50	50	-
42	506	Laboratory Work Pediatric Nursing	Practical	50		50
43	507	Laboratory Work Public Health	Practical	50		50
44	508	Laboratory Work Healthcare services and its applications	Practical	50		50
45	509	Internship	practical	50		50

B. Voc. Part III (Degree) Semester – VI

Sr No.	Paper No.	Title	Theory/Practical/Project	Marks (Total)	Theory	Practical
46	601	Health Economics paper II	Theory /Practical	50	40	10
47	602	Medical record Science paper II	Theory /Practical	50	40	10
48	603	Healthcare Services paper II	Theory	50	50	-
49	604	Health Education paper II	Theory	50	50	-
50	605	Hospital Support Services paper II	Theory	50	50	-
51	606	Laboratory work Health care services	Practical	50	-	50
52	607	Laboratory work Health Education	Practical	50	-	50
53	608	Laboratory Work Hospital Support Services	Practical	50	-	50
54	609	Project	Practical	50	-	50

SCHEME OF TEACHING :**B. Voc. Part III (Degree) Semester – V**

Sr No.	Paper No.	Title	Distribution of workload		
			Theory	Practical	Total
37	501	Hospital Operation Management paper I	4	2	6
38	502	Marketing Management paper I	4	2	6
39	503	Pediatric Nursing paper I	4	-	4
40	504	Public Health paper I	4	-	4
41	505	Hospital and Health system paper I	4	-	4
42	506	Laboratory work Pediatric Nursing	-	4	4
43	507	Laboratory work Public Health	-	4	4
44	508	Laboratory work Hospital and Health system	-	4	4
45	509	Internship	-	-	-
		Total	20	16	36

B. Voc. Part III (Degree) Semester – VI

Sr · N o.	Paper No.	Title	Distribution of Workload Theory	Practical	Total
46	601	Health Economics paper II	4	2	6
47	602	Medical Record Science paper II	4	2	6
48	603	Healthcare services paper II	4	-	4
49	604	Health Education paper II	4	-	4
50	605	Hospital Support Services paper II	4	-	4
51	606	Laboratory Work Healthcare services	-	4	4
52	607	Laboratory work Health Education	-	4	4
53	608	Laboratory work Hospital Support Services	-	4	4
54	609	Project	-	-	-
		Total	20	16	36

Degree (Sem V)
Nursing and Hospital management
Paper No – 501
Hospital Operation Management - I

Work Load – 6

Theory – 4 Lectures / Week

Practical – 2 Lectures / Week

Total Marks – 50

Theory – 40 Marks

Practical – 10 Marks

UNIT I Hospital Planning

- Guiding principles in planning hospital facilities & services

- Planning the hospital building

Stages in planning, Finance, Location, Need assessment survey of community, factors determining site, legal requirements, design consideration, Project management & implementation, Gantt Chart

- Planning the operational units, engineering, lighting etc.

-

**UNIT II Organization
of the hospital**

Management structure

Types of hospitals, Governing body, Hospital committee and hospital functionaries

- Duties and responsibilities of various positions

UNIT III Hospital Operational management

Management of Quality Assured services of professional service units of hospital

Function, location, flow chart of operation, design based on flow chart, organization, physical facilities and space requirements, statutory requirements, special features, problem situation,

Staff requirement,

Auxiliary requirements,

Work load estimation,

Documentation,

Equipment & supplies. Emergency
services.

Outpatient & In patient services in the following
fields(Basic knowledge only):

Radiotherapy	Nuclear medicine	Surgical units and OT
Medical units	G & Obs.units & LR	Paediatric, neonatal units
Critical care units	Physical medicine & Rehabilitation	
Skin	Eye	ENT
Neurology	Dental	Gastroenterology
Endoscopy	Pulmonology	Cardiology, Cath lab
Nephrology & Dialysis	Urology	Orthopedics
Transplant units	Burn Unit	

UNIT IV Disaster and mass casualty management

Classification of disasters,
Principle of disaster management plan.
Plan for disaster management,
Specific problems of disaster management.

Reference Books:

1. Principles of Hospital Administration & Planning: B.M.Sakharkar
2. Park's textbook of Preventive & Social medicine
3. Management of Hospitals: S.L.Goel, R.Kumar
4. Hospital & Health Services administration-Principles & practices, Tabish, O

Degree (Sem V)
Nursing and Hospital Management
Paper No – 502
Marketing Management

Work Load – 6

Theory – 4 Lectures / Week

Practical – 2 Lectures / Week

Total Marks – 50

Theory – 40 Marks

Practical – 10 Marks

Objective

To familiarize with the basic concepts and techniques of marketing management

To understand the behavior of consumers

To create awareness of marketing mix elements and

To analyze and solve marketing problems in the complex and fast changing business environment.

UNIT-I

Introduction to Marketing and Marketing Management,
Marketing Concepts - Marketing Process Marketing mix - Marketing environment. - Consumer Markets and buying behavior - Market segmentation and targeting and positioning.

UNIT-II

Product Decisions - concept of a Product - Product mix decisions - Brand Decision - New Product Development – Sources of New Product idea - Steps in Product Development - Product Life Cycle strategies- Stages in Product Life Cycle,

UNIT-III

Price Decisions - Pricing objectives - Pricing policies and constraints - Different pricing method -New product pricing, Product Mix pricing strategies and Price adjustment strategy.

UNIT-IV

Channel Decision - Nature of Marketing Channels –. Types of Channel flows - Channel functions - Functions of Distribution Channel – Structure and Design of Marketing Channels -Channel co-operation, conflict and competition – Retailers and wholesalers.

UNIT - V

Promotion Decision - Promotion mix - Advertising Decision, Advertising objectives - Advertising and Sales Promotion – Developing Advertising Programme – Role of Media in Advertising - Advertisement effectiveness - - Sales force Decision.

REFERENCE

K.S. Chandrasekar, MARKETING MANAGEMENT TEXT AND CASES, *Tata McGraw-Hill Publication, New Delhi. 2010*

Govindarajan, MARKETING MANAGEMENT CONCEPTS, CASES, CHALLENGES AND TRENDS, *Prentice Hall of India, New Delhi. 2009*

Philip Kotler, MARKETING MANAGEMENT- ANALYSIS PLANNING AND CONTROL, *Prentice Hall of India, New Delhi,*

Ramaswamy. V S & Namakumari. S, MARKETING MANAGEMENT-PLANNING IMPLEMENTATION AND CONTROL, *Macmillan Business Books, New Delhi, 2002,*

Degree (Sem V)
Nursing and Hospital Management

Paper No – 503

Child Health Nursing- III

Work Load – 6

Theory – 4 Lectures / Week

Practical – 2 Lectures / Week

Total Marks – 50

Theory – 40 Marks

Practical – 10 Marks

Objectives:

To enable students –

1. to understand the concept of nutrients.
2. to study the role of various nutrients.

Unit I Introduction

Modern concepts of childcare

- Internationally accepted rights of the child
- National policy and legislations in relation to child health and welfare
- National programmes related to child health and welfare
- Agencies related to welfare services to the children
- Changing trends in hospital care, preventive, promotive and curative aspects of child health
- Child morbidity and mortality rates.

Unit II The healthy child

- Principles of growth and development
- Factors affecting growth & development
- Growth and development from birth to adolescence
- The needs of normal children through the stages of developmental and parental guidance
- Nutritional needs of children & infants: breast feeding exclusive breast feeding supplementary/artificial feeding and weaning.

Unit III Nursing care of a neonate

- Nursing care of a normal newborn/Essential newborn care
- Neonatal resuscitation
- Nursing management of a low birth weight baby.
- Kangaroo mother care
- Nursing management of common neonatal disorders
- Organization of neonatal unit

Unit IV Nursing management in common childhood diseases

- Nutritional deficiency disorders
- Respiratory disorders and infections
- Gastrointestinal infections, infestations and congenital disorders
- Cardio vascular problem : congenital defects and rheumatic fever, rheumatic heartdisease
- Genito-urinary disorders: acute glomerulo nephritis, Nephrotic syndrome, Wilms'tumor, infection and congenital disorders.

Unit V Management of behavioural & social problems in children

- Management of common behavioural disorders
- Management of common psychiatric problems
- Management of challenged children: Mentally, Physically, & Socially challenged
- Welfare services for challenged children in India.

Child guidance clinics

Reference Book

1. Ghai O.p. et al. (2000) Ghai's Essentials of Paediatrics. 1st edn. Mehta offset works. New Delhi.
2. Marlow Dorothy & Redding. (2001) Textbook of Paed. Nsg. 6th edn. Harbarcourt India ltd. New Delhi
3. Parthasarathy et al. (2000) IAP Textbook of Paediatric Nsg. Jaypee bros., 2nd ed. New Delhi.
4. Vishwanathan & Desai. (1999) Achar's Textbook of Paediatrics 3rd ed. Orient Longman. Chennai.

5. Wong Dona et al. Whaley & Wong's Nursing care of infants & children. 6th edn. Mosby co., Philadelphia.
6. Dr. C.S. Waghale, Principles and Practice of Clinical Pediatrics, Vora publication 1996

Degree (Sem V)

Nursing and Hospital Management

Paper No – 504

Public Health- III

Work Load – 6

Theory – 4 Lectures / Week

Practical – 2 Lectures / Week

Total Marks – 50

Theory – 40 Marks

Practical – 10 Marks

Objectives:

To provide the students a basic insight into the main features of Indian health care delivery system and how it compares with the other systems of the world.

Unit-I

1. Concept of Public Health

a. Meaning & definition of Public Health

b. Approaches of Public Health

c. Epidemiological basis for health care management

d. Right to health, Responsibilities of Health

Unit-II

1. Public Health Care Services in India

a. Evolution of public health systems in India (ancient, colonial & post-independence

b. Health Planning in India (Committees, Planning commission, Five year plans, National Health Policies)

c. Public health systems in India (Centre, State, District & Village level)

d. Health System Models: Full State provision and funding model, NHS Model, Social health insurance model, Minimal State intervention model

e. Global Health Models

Unit-III

1.Health Programmes & Policies

a. Health Planning

b. National Health Policy,2017

c. National Health Programmes

Unit-IV

1.Concept of disease

A Concept of disease causation

b. Natural History of disease

c. Ice berg phenomenon of disease-Mode of Intervention

d. Infectious Disease Epidemiology (Epidemic, Endemic, Pandemic, Sporadic)

e. Measurements of Epidemiology (Mortality, Morbidity)

f. Epidemiological Methods: Observational, Analytical, Experimental (basic knowledge)

Dynamics of disease

3 Communicable diseases (Influenza, Encephalitis, Dengue, Malaria, Food Poisoning, Tetanus, HIV/AIDS)

Non communicable diseases (Diabetes, Obesity, Coronary Heart Disease, Cancer, Blindness)

References

- 1. Preventive and social Medicine, K. Park-Bhanot**
- 2. Medical Records organization and management, GD Mogli-JAYPEE**
- 3. Communitymedicine, AHSuryakantha-JAYPEE**
- 4. Community Medicine, AH Suryakantha-JAYPEE**
- 5. Principles and practice of community medicine, Asma Rahim-JAYPEEUNIT I**

Degree (Sem V)
Nursing and Hospital Management
Paper No – 505
Health care Services

Work Load – 6

Theory – 4 Lectures / Week

Practical – 2 Lectures / Week

Total Marks – 50

Theory – 40 Marks

Practical – 10 Marks

Objective: To provide the students a basic insight into the main features of Indian health care delivery system and how it compares with the other systems of the world.

Unit 1

Health and Disease

Concept, Definitions & Dimensions of health,

Wellbeing, Determinants of health,

Evolution of medicine,

Public Health,

Health indicators, Health service philosophies,

Disease & causation, Natural history of disease,

Disease control & prevention, Changing patterns of disease.

Medical sociology –Introduction Sociological perspective of health, illness and healing.

Institutional perspective and Organizational perspective.

Unit 2

Public and Private Health Care Services in India

Evolution of public health systems in India (ancient, colonial & post independence), Health Planning in India (Committees, Planning commission, Five year plans, National Health Policies), Public health systems in India (Center, State, District & Village level), Rural development, Corporate philosophy, Evolution and organisation of private health systems in India and Current trends in private health care in India.

Unit 3:

WHO- Objective, functions, **UNICEF-** objective and functions. Different Model of Healthcare- The Beveridge Model, The Bismarck Model, The National Health Insurance Model, The Out-of-Pocket Model. Brief Introduction of Health System of different countries: USA, UK, Canada, Australia, Sweden, and Germany.

Unit 4

Population Health

Introduction to population studies, Issues of Indian society & culture, Nuptiality & Fertility, Reproductive health, Population and Development (policies, programs & evaluation), introduction to epidemiology (concept, terms, aims & uses), definition of epidemic, endemic, pandemic, sporadic. Prevalence and Incidence. Epidemiological methods- basic idea of Cohort study, Case Control study and RCT. Epidemiology of communicable diseases (TB, STDs, Diarrhoea & HIV/AIDS) and Epidemiology of Non communicable diseases (CHD, Cancer, Diabetes, Hypertension & Obesity).

Unit 5

Contemporary Issues in Health Services Management

National Health Policy; Reproductive, Maternal, Newborn, Child, and Adolescent Health (RMNCH+A); National Vector Borne Disease Control Programme (NVBDCP)

References:

Park K: 2005. *Text Book of Preventive and Social Medicine*. Banarsidas Bhanot Publishers: Jabalpur. 18th Ed.

Beaglehole R & Bonita R. 1997. *Public Health at the Crossroads: Achievements and Prospects*. Cambridge University Press: United Kingdom

Gupta M C, Chen L C & Krishnan T N. 1996. *Health Poverty and Development in India*. Oxford University Press: Bombay

White K. 2006. *The Sage Dictionary of Health and Society*. Sage Publications: New Delhi
Kumar R. 1998. *Medicine and the Raj: British Medical Policy in India (1835-1911)*. Sage Publications: New Delhi

Goel S L. 2001. *Health Care System and Management: Primary Health Care management*. Deep & Deep Publications: New Delhi. Vol 4

Harris M G & Assoc. 2003. *Managing Health Service: Concepts & Practices*. MacLennan + Petty: Sydney

Beaglehole R, Bonita R & Kjellstrom T. 1993. *Basic Epidemiology*. WHO: Geneva

Gwatkin D R, Wagstaff A & Yazbeck A S. 2005. *Reaching the Poor with Health, Nutrition & Population Services: What works, What doesn't & Why*. WB: Washington DC

Bhende A & Kanitkar T. 1992. *Principles of Population Studies*. Himalaya Publishing House: Bombay. 5th Ed.

Degree (Sem V)
Nursing and Hospital Management
Paper No. 506
Laboratory Work –Paediatric Nursing- III

Work Load- 6

Total Marks- 50

Practical- 4 lectures / Week / Batch

Practical:

- Taking Paediatric History
- Physical examination and assessment of children
- Administer of oral, I/M & IV medicine/fluids
- Calculation of fluid requirements
- Prepare different strengths of I.V. fluids
- Apply restraints
- Administer O₂ inhalation by different methods
- Give baby bath feed children by katori spoon, etc
- Collect specimens for common investigations
- Assist with common diagnostic procedures
- Teach mothers/parents
- Malnutrition
- Oral rehydration therapy
- Feeding & Weaning
- Immunization schedule
- Play therapy
- Specific Disease conditions
- Calculate, prepare and administer I/V fluids
- Do bowel wash
- Care for ostomies
- Colostomy Irrigation
- Ureterostomy
- Gastrostomy
- Enterostomy

Degree (Sem V)
Nursing and Hospital Management
Paper No. 507
Laboratory Work – Public Health

Work Load- 6

Total Marks- 50

Practical- 4 lectures / Week / Batch

Practicals

- Patient Care Assignments
- Writing of Nursing care plan for assigned clients across the lifespan
- Writing case studies
- Case presentations
- Writing observation reports
- Writing field visit reports
- Planned health teaching
 - Individual
 - Group

Degree (Sem V)
Nursing and Hospital Management
Paper No. 508
Laboratory Work – Healthcare services- II

Work Load- 6

Total Marks- 50

Practical- 4 lectures / Week / Batch

Practicals

1. Documentation of registration for Admission of patients
2. Preparation of files with relevant papers
3. Observing the process of receiving advance payment during admission either by cash or credit card
4. Formalities of procedures for ensuring availability of payee's fund
5. Distribution of visiting card, literatures, brochure etc. to the client
6. Transfer of Patient to ward
7. Ambulance management and billing
8. Deployment of no. of Receptionist-cum-Office Assistant
9. Foreign Exchange facilities

Degree (Sem V)
Nursing and Hospital Management
Paper No – 509
Project

Total Marks – 50

Students must submit detailed project report related to topics on Nutrition and Dietetics /Medical and Surgical Nursing / Hospital organization and Management Theory.

**Scheme of Project
Evaluation
Internal
Evaluation**

- | | |
|---|----------|
| • Project report related to topics above. | 40 marks |
| • Viva- voce | 10 marks |

Degree (Sem VI)

Nursing and Hospital Management

Paper No – 601

Health Economics - II

Work Load – 6

Total Marks – 50

Theory – 4 Lectures / Week

Theory – 40 Marks

Practical – 2 Lectures / Week

Health Economics

Objective:

The primary aim of this subject is to provide a clear, concise introduction to micro economic concepts, health economics as applied to hospital and health care sector.

Unit-I:

Introduction: Definition of Economics, Circular flow of economic activity, Relation between Economics and Health Economics, Importance of Health Economics.

Theory of Utility: Definition and concept of Utility, Total and Marginal Utility, Laws of diminishing and equi-marginal utility, concept of consumer's surplus.

Theory of Indifference Curve: Concept, Properties, Equilibrium, Price, income and substitution effect and derivation of demand curve, Concept of PCC and ICC.

Theory of Demand: Law of demand, Nature of goods, concept of price-income-cross price elasticities.

Unit-II

Theory of Production: Concept, factors and its implications. Production function- short and Long run. Laws of diminishing marginal returns and variable proportions.

Theory of cost: Short and Long run cost function. Fixed and Variable costs- Opportunity Cost- Average and marginal cost, Shape of SAC, SMC, LAC and LMC.

Unit-III

Market Morphology:

Market- its concept in economics, Perfect competition- nature, short and long run equilibrium, concept of break even and shut down point, Impact of internal and externalities on industry supply.

Monopoly- Definition, short and long run equilibrium, Price discrimination. Monopolistic competition- Short and Long Run equilibrium, Concept of product differentiation.

Oligopoly- Definition, Characteristics, Cournot and Sweezy Model.

Unit-IV

Theory of Distribution: Theory of wage, equilibrium wage determination in perfection and imperfection in both product and factor market. Concept of exploitations, Theory of Interest- Keynesian Liquidity Preference.

Macro Economics: Inflation- Demand pull and cost push, Impact and remedial measures, Fundamental concept of National Income.

Unit-V

Health Economics

Indian scenario, effect of globalization and privatization, Importance of PPP Model, Problem faced by health industry, Changing scenario of health industry, Public initiative to eradicate difficulties, Prospects. Alternative Models of Hospital Behavior-Utility Maximizing Model, Physician Control Models, The Trend towards Multi Hospital Systems.

Reference:

1. Health Economics for Hospital Management- Shuvendu Bikash Dutta- Jaypee Brothers Publication.
2. Microeconomics Theory- A. Koutsoyiannis
3. Economics- Asish Banerjee and Debasish Majumdar
4. Managerial Economics- D.N. Dwivedi
5. Macroeconomics- H.L. Ahuja
6. Health Economics- N.K. Anand and S. Goyal

Degree (Sem-VI)
Nursing & Hospital Management
Paper No – 602

Medical Record Science

Work Load – 6

Theory – 4 Lectures / Week

Practical – 2 Lectures / Week

Total Marks – 50

Theory – 40 Marks

Practical – 10 Marks

Objectives:

To have a special training on medical records, its management, its storage and maintenance.

To visualize social importance and impact

To introduce the basic medical terms used in medical record management.

2. To briefly discuss on Health Information Management, Historical Development of Medical Record, Flow of medical record, format types and indexing.

3. To briefly present an overview of Analysis of medical record – Qualitative, Quantitative and statistical.

Unit-I

1. Introduction

- a. Definition and Types of medical record, Importance of medical record
- b. Flow chart of function, Assembling & deficiency check
- c. Format types of MR, Characteristics of MR, ownership of MR, Maintenance of records in the ward, Content of MR

Unit-II

1. Coding, Indexing, Filing, Computerization of MR, Microfilming,
2. Report and returns by the record department, Statistical information of Hospital
3. ICD 10
4. Organizations & management of Medical Records Department
5. Process of arranging medical records

Unit-III

1. Retention of MR
2. Preservation of MR
3. Role of MRD personnel in Medical record keeping

4. Basic knowledge of legal aspects of Medical Records including
 - a. Factories Act, Workmen
 - b. Compensation Act
 - c. Consumer Protection Act
5. Medical Audit

References

1. Preventive and social Medicine, K. Park-Bhanot
2. Medical Records organization and management, GD Mogli-JAYPEE
3. Medical Records Organization and Management, GD Mogli-Jaypee

Degree (Sem-VI)

Nursing & Hospital Management

Paper No – 603

Healthcare Services- IV

Work Load – 6

Theory – 4 Lectures / Week

Practical – 2 Lectures / Week

Total Marks – 50

Theory – 40 Marks

Practical – 10 Marks

Objective: To provide the students a basic insight into the main features of Indian health care delivery system and how it compares with the other systems of the world.

Unit 1

Health and Disease

Concept, Definitions & Dimensions of health, Wellbeing, Determinants of health, Evolution of medicine, Public Health, Health indicators, Health service philosophies, Disease & causation, Natural history of disease, Disease control & prevention, Changing patterns of disease. Medical sociology –Introduction Sociological perspective of health, illness and healing. Institutional perspective and Organizational perspective.

Unit 2

Public and Private Health Care Services in India

Evolution of public health systems in India (ancient, colonial & post independence), Health Planning in India (Committees, Planning commission, Five year plans, National Health Policies), Public health systems in India (Center, State, District & Village level), Rural development, Corporate philosophy, Evolution and organisation of private health systems in India and Current trends in private health care in India.

Unit 3:

WHO- Objective, functions, **UNICEF-** objective and functions. Different Model of Healthcare- The Beveridge Model, The Bismarck Model, The National Health Insurance Model, The Out-of-Pocket Model. Brief Introduction of Health System of different countries: USA, UK, Canada, Australia, Sweden, and Germany.

Unit 4

Population Health

Introduction to population studies, Issues of Indian society & culture, Nuptiality & Fertility, Reproductive health, Population and Development (policies, programs & evaluation), introduction to epidemiology (concept, terms, aims & uses), definition of epidemic, endemic, pandemic, sporadic. Prevalence and Incidence. Epidemiological methods- basic idea of Cohort study, Case Control study and RCT. Epidemiology of communicable diseases (TB, STDs, Diarrhoea & HIV/AIDS) and Epidemiology of Non communicable diseases (CHD, Cancer, Diabetes, Hypertension & Obesity).

Unit 5

Contemporary Issues in Health Services Management

National Health Policy; Reproductive, Maternal, Newborn, Child, and Adolescent Health (RMNCH+A); National Vector Borne Disease Control Programme (NVBDCP)

References:

- Park K: 2005. *Text Book of Preventive and Social Medicine*. Banarsidas Bhanot Publishers:Jabalpur. 18th Ed.
- Beaglehole R & Bonita R. 1997. *Public Health at the Crossroads: Achievements and Prospects*. Cambridge University Press: United Kingdom
- Gupta M C, Chen L C & Krishnan T N. 1996. *Health Poverty and Development in India*. OxfordUniversity Press: Bombay
- White K. 2006. *The Sage Dictionary of Health and Society*. Sage Publications: New Delhi Kumar R. 1998. *Medicine and the Raj: British Medical Policy in India (1835-1911)*. SagePublications: New Delhi
- Goel S L. 2001. *Health Care System and Management: Primary Health Care management*. Deep& Deep Publications: New Delhi. Vol 4
- Harris M G & Assoc. 2003. *Managing Health Service: Concepts & Practices*. MacLennan +Petty: Sydney
- Beaglehole R, Bonita R & Kjellstrom T. 1993. *Basic Epidemiology*. WHO: Geneva
- Gwatkin D R, Wagstaff A & Yazbeck A S. 2005. *Reaching the Poor with Health, Nutrition &Population Services: What works, What doesn't & Why*. WB: Washington DC
- Bhende A & Kanitkar T. 1992. *Principles of Population Studies*. Himalaya Publishing House:Bombay. 5th Ed.

Degree (Sem-VI)
Nursing & Hospital Management Paper No – 604
Health Education - II

Work Load – 6

Theory – 4 Lectures / Week

Practical – 2 Lectures / Week

Total Marks – 50

Theory – 40 Marks

Practical – 10 Marks

Objective

- 1 Describe the concept of health education, communication skills including soft skills, audio – visual aids and health education agencies.
- 2 Identify and utilize opportunities for health education.
- 3 Describe the application of information technology in preparation and use of various health teaching aids.
- 4 Develop effective communication and counseling skills.

Unit-I

1. Fundamentals of Managerial Communication

- a. Meaning & Definition of communication
- b. Role and objective of communication in Hospitals
- c. Process of communication
- d. Effective media for communication in Hospital professional
- e. Barriers of effective communication in Hospitals
- f. Overcoming the barriers of effective communication in Hospitals
- g. Understanding different social medias and its effective usage in Hospitals

Unit-II

1. Concept of Health

- a. Definition of Health
- b. Holistic approach to health
- c. Spectrum of Health
- d. Positive health
- e. Dimensions of Health
- f. Determinants of Health
- g. Concept of well being

- h. Indicators of health

Unit III

1. Health System

- a. Concept of Health Care & Health System
- b. Levels of Health care delivery system in India
- c. Organization of Indian Health Administration
- d. International Health Under United Nations
- e. WHO

Unit IV Organization of Indian Health Administration

Health Education

- a) Concept, definition, aims and objectives of health education
- b) Principles of health education
- c) Process of change/modification of health behavior
- d) Levels and approaches of health education
- e) Methods of health education
- f) Scope and opportunities for health education in hospital and community
- g) Nurse's role in health education.

Unit V Counseling

Definition, purpose, principles, scope and types
Counseling process: steps and techniques
Qualities of a good counselor
Difference between health education and counseling
Role of nurse in counse

Methods and Media of Health Education

Definition, purpose and types of audio-visual aids and media

- a) Selection, preparation and use of audio- visual aids : graphic aids, printed aids, three dimensional aids and projected aids
- b) Advantages and limitations of different Media

Degree (Sem-VI)

Nursing & Hospital Management Paper No – 605

Hospital Support Services - II

Work Load – 6

Theory – 4 Lectures / Week

Practical – 2 Lectures / Week

Total Marks – 50

Theory – 40 Marks

Practical – 10 Marks

Objectives:

To provide the introduction to Hospitals and its development

2. To provide the departmentation framework of Hospitals
3. To provide the concept of management & organization of Clinical Services in the Hospital
4. To provide the map of planning and organizing the support services
5. To provide the steps in organization and management of utility services
6. To provide the understanding of Hospital and Health services evaluation To enable the students gain insights into various aspects like importance, functions, policies and procedures, equipping, controlling, co-ordination, communication, staffing, reporting and documentation of both clinical and non-clinical services in a hospital.

Contents:

Unit-I

1. Clinical services
 - a. Functions & Location
 - b. work flow
 - c. physical facilities
 - d. design & space requirement
 - e. staffing
 - f. equipment
2. Managerial issues of the following departments
 - a. Ward management
 - b. Intensive care unit
 - c. Nursing Services

Unit-III

1. Support services
 - a. Functions & Location

- b. work flow
 - c. physical facilities
 - d. design & space requirement
 - e. staffing
 - f. equipment
2. Managerial issues of the following departments
- a. Blood Bank
 - b. Pharmacy
 - c. Physical medicine and rehabilitation

Unit IV

1. Utility services
- a. Functions & Location
 - b. Work flow
 - c. Physical facilities
 - d. Design & space requirement
 - e. Staffing
 - f. Equipment

2. Managerial issues of the following departments

- a. Transport service
- b. Maintenance management
- c. Mortuary

References

1. Hospital facilities planning & management, Gd Kunders-TMH
2. Principles of hospital administration & planning, BM Shakharkar-JAYPEE
3. Hospital administration, DC Joshi & Mamta Joshi-JAYPEE
4. Essentials for Hospital support services and physical Infrastructure, Madhuri Sharma-JAYPEE
5. The hospital administrator, MA George-JAYPEE
6. Hospitals and Nursing homes planning, organizations and management, Syed AminTabish-JAYPEE
7. Hospital administration, CM Francis & Mario C Desouza-JAYPEE

Degree (Sem-VI)
Nursing & Hospital Management

Paper No – 606

Laboratory Work – Health Care Services

Work Load- 6

Total Marks- 50

Practical- 4 lectures / Week / Batch

Objectives:

To analyse and study safety and precaution in

Degree (Sem-VI)
Nursing & Hospital Management
Paper No – 607
Laboratory Work –Health Education - IV

Work Load- 6

Total Marks- 50

Practical- 4 lectures / Week / Batch

Practical's:

Methods of Health Education

Effects of health education

Levels & practice of health education

Need of Health education to attain positive health

Health care reporting and role of NIC

Degree (Sem-VI)
Nursing & Hospital Management
Paper No – 608

Laboratory Work – Hospital Support Services - II

Work Load- 6

Total Marks- 50

Practical- 4 lectures / Week / Batch

Practical's:

1. E D P / I T Department
2. Reception
3. Registration
4. Admission
5. Billing & Discharge
6. OPD Services
7. Public Relation Office
8. Pharmacy Services
9. Stores
10. House Keeping
11. Laboratory Services

Degree (Sem-VI)
Nursing & Hospital Management
Paper No – 609
Project

Total Marks – 50

There is project on the above topics related to Health Economics Healthcare services. Study of different departments of hospitals and submission of project.