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COURSE STRUCTURE FOR HOSPITAL MGMT.

FIRST SEMESTER

ТНЕ	EORY							
SL. NO.	CODE	THEORY	CONTACTS CR (PERIODS/WEEK)					
			L	T	P	TOTAL		
1	BHM- 101	Principles of Management	3	1		4	4	
2	BHM- 102	English Language & Communication	3	1		4	4	
3	BHM-103	Medical Terminology -I	3	1		4	4	
4	BHM-104	Accounts	3	1		4	4	
5	BHM-105	Hospital & Health System -I (History & Evolution)	3	1		4	4	
Tota	l of Theory	,				20	20	
PRA	CTICAL							
1	BHM-191	Language Laboratory			3	3	2	
2	BHM-192	Computing Laboratory			6	6	4	
Tota	l of Practical					9	6	
Total of Semester				29		26		

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COURSE STRUCTURE FOR HOSPITAL MGMT SECOND SEMESTER

	THEORY								
SL.	CODE	THEORY	(1	C(PER	CREDIT S				
			L	T	P	TOTA L			
1	BHM- 201	Hospital Operation Management I	3	1		4	4		
2	BHM- 202	Bio-Statistics- I	3	1		4	4		
3	BHM- 203	Medical Terminology II	3	1		4	4		
4	BHM- 204	Marketing Management	3	1		4	4		
5	BHM- 205	Hospital & health system -II (History & Evolution)	3	1		4	4		
Total	of Theory	, , , , , , , , , , , , , , , , , , , ,	•		•	20	20		
SESS	IONALS								
1	BHM- 286	Seminar			6	6	4		
2	BHM- 287	Public Speaking on Assigned Topic			3	3	2		
Total	Total of Sessional				1	9	6		
Total	Total of Semester				29		26		

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COURSE STRUCTURE FOR HOSPITAL MGMT

THIRD SEMESTER

SL.	CODE	THEORY	(]	C(PER	CREDIT S		
			L	Т	P	TOTA L	
1	BHM- 301	Hospital Operations Management- II	3	1	0	4	4
2	BHM- 302	Bio-statistics-II	3	1	0	4	4
3	BHM- 303	Health Economics	3	1	0	4	4
4	BHM- 304	Medical Record Science-I	3	1	0	4	4
5	BHM- 305	Inventory Control & Purchase Management	3	1	0	4	4
Total	of Theory					20	20
SESS	IONALS						
1	BHM- 386	Minor Project				6	4
2	BHM- 387	Seminar of Assigned Topic			3	3	2
Total of Sessional		1	ı		9	6	
Total of Semester				29		26	

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COURSE STRUCTURE FOR HOSPITAL MGMT Fourth Semester

		THEOR	Y				
SL.	CODE	E THEORY	CONTACTS (PERIODS/WEEK)				CREDIT S
			L	T	P	TOTA L	
1	BHM- 401	Epidemiology & Analysis of Health Information Data	3	1	0	4	4
2	BHM- 402	Support & Utility Services-I	3	1	0	4	4
3	BHM- 403	Environment & Ecology	3	0	0	3	3
4	BHM- 404	Medical Record Science- II	3	1	0	4	4
5	BHM- 405	Management Information System	3	0	0	3	3
	of Theory		•			18	18
SESS	IONALS	T	Ι.	I 0			
			0	0	0	0	0
Total	Total of Sessional			•		0	0
Total	Total of Semester				18		18

FIFTH SEMESTER

THEORY									
SL.	CODE	THEORY		C (PER	CREDI TS				
			L	T	P	TOTAL			
1	BHM-501	Quality in Health Care	3	1		4	4		
2	BHM-502	Support & Utility Services-II	3	1		4	4		
3	BHM-503	Law	3	1		4	4		
4	BHM-504	Financial Mgmt.	3	1		4	4		
5	BHM-505	Human Resource Mgmt.	3	1		4	4		
Tota	l of Theory	20	20						

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Sess	Sessional						
1	BHM-581	Summer Training		3	3	2	
		Evaluation					
2	BHM-582	Project on Marketing of		6	6	4	
		Health Care Services					
Tota	Total of Practical				9	6	
Total of Semester				29		26	

SIXTH SEMESTER

THEORY								
SL.	CODE	THEORY	CONTACTS CREDI (PERIODS/WEEK) TS					
			L	T	P	TOTAL		
1	BHM-601	Public Relations	3	1		4	4	
2	BHM-602	Medical Ethics	3	1		4	4	
3	BHM-603	Organizational Behavior	3	1		4	4	
4	BHM-	Elective-I	3	1		4	4	
	604A/B/C							
	/D							
Tota	l of Theory					16	16	
Sess	ional							
1	BHM-681	Major Project on			3	3	8	
		Specialised Area						
2	BHM-682	Defense of Project			6	6	4	
Tota	l of Practical	,				9	12	
Total of Semester				25		28		

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Hospital Management

Code: BHM- 101 Contacts: 3L + 1T

Credits: 4

Introduction to Management: The evolution of Management, Definition and importance of Management. Different schools of Management thought- classical school, Management Sciences School, Behavioral School, Human Relation School, Operational approach, system approach and contingency approach to Management.

Management Process: An overview of Planning, Organizing, Staffing, Directing and Controlling.

Planning: Meaning objective, nature and importance of planning, planning process, planning premises, types of plan.

Organizing: Meaning and importance, organization structure / chart, responsibility and authority, span of control, delegation of authority, centralization-decentralization, line and staff relationships, types of organizations, formal and informal groups in organizations, Matrix organization.

Staffing: Staffing function, manpower needs, manpower position, recruitment & selection, training & development, performance appraisal, human resource audit.

Directing: Meaning of direction, nature of directing; Motivation; basis of motivation-fear, money, satisfaction; importance of behaviour; individual needs, needs of organization; factors influencing performance; work environment, group dynamics- formal & informal, Communication principles and practices.

Leadership-nature, styles, attitudes, leader behaviour, leader effectiveness, leadership models.

Controlling: Concept of managerial control, importance of control, control process, methods of control, essentials of effective control.

Social Responsibility of Management: Professional Management as compared to traditional system of owner Management, Impact of political system, government Policy, national economic planning on managerial policy.

Managing Ethics- Top Management, Codes of Ethics, Ethics Committees, Ethics Hotlines. Ethics and Law. Corporate Culture and Ethical Climate. Improving Ethical Decision Making- Difficulties in Decision-Making, Suggestions for making Ethical Decisions.

English Language & Communications

Code: BHM- 102 Contacts: 3L + 1T

Credits: 4

Introduction: Meaning of Communication; Role of Communication in Business; Basic elements of the Communication process, level of Communication, forms, models and media of Communications, Verbal and non-verbal Communication-functions and types. Barriers to effective Communication.

Grammar: Subject verb agreement, tense, voice, improvement of sentences, rearrangement of sentences. Vocabulary: usage, synonyms, antonyms.

Comprehension

Forms of Writing: The Essay, The Precis, The Report, The Proposal, The C.V. and Job

Application letter. The Presentation.

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Role Playing. Group Discussion

Medical Terminology-I

Paper Code: BHM-103 Contacts: 3L + 1T

Credits: 4

- i. Introduction to medical terminology
- ii. Word formation & syntax
 - a) Greek alphabet
 - b) Greek & Latin prepositional & adverbial prefixes
 - c) Singular & plural endings
- iii. Commonly used prefixes in medical terminology
- iv. Commonly used suffixes in medical terminology
- v. Commonly used root words in medical terminology
- vi. Common Latin term used in prescription writing
- vii. Study of standard abbreviations
- viii. Commonly used medical terms to define different parts of the body

Accounts

Code: BHM-104 Contacts: 3L + 1T

Credits: 4

Financial Accounting: An Overview

Accounting Postulates, concepts and principles

Accounting Mechanics – Journals

Accounting Mechanics – Ledger Posting and Trial Balance Preparation of Financial Statements: Profit & Loss A/C. Preparation of Financial Statements: Balance Sheet Basic cost concepts, Cost Determination Process Costing for materials, labour and overheads.

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Hospital Management

Hospital & Health System –I (History & Evolution)

Paper Code: BHM-105 Contacts: 3L + 1T

Credits: 4

Definition and meaning of Health, Holistic approach to health, Basic information relating to health, Historical development of health care system in India, Definition and meaning of hospital, historical development of hospitals, grown of hospital in India, Changing concept of hospital during 1900-2003, The modern hospital, A complex entity, Present status of hospitals in India, Present State of Govt. hospital, National Health policy, Goals for Health for all by 2000 AD and beyond, Health committee and their recommendation, Health plan outlay during 1951-2003, Hospital viewed as a system, Role of Hospitals, Hospital Viewed as a Social system, Peculiarities of hospital systems, benefits to the Health Care systems, Overview of Health Care delivery system.

Second Semester

Medical Terminology-II

Paper Code: BHM-203 Contacts: 3L + 1T

Credits: 4

- i. Medical terminology used by Cardiologist
- ii. Medical terminology used by Neurologist
- iii. Medical terminology used by Nephrologist
- iv. Medical terminology used by Gastro-intestinologist
- v. Medical terminology used by ENT surgeon
- vi. Medical terminology used by Dentist
- vii. Medical terminology used by Orthopedic surgeon
- viii. Medical terminology used by Gynecologist
- ix. Medical terminology used by Oncologist
- x. Medical terminology used by Dermatologist
- xi. Medical terminology used by Endocrinologist

Text:

Paramedics-Six in One, Jaypee Brothers

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Hospital Management

Hospital & Health System –II (History & Evolution)

Paper Code: BHM-205 Contacts: 3L + 1T

Credits:4

The reforms of Healthcare System- the healthcare system in US/UK & Canada

The healthcare system in China, SriLanka, India. The future of Healthcare System-Canadian lessons in Healthcare reforms.

Future of Healthcare System

International Health under United Nations-History & Evolutions.

Health manpower planning & distribution. Economics of Health manpower planning & political process. Evaluating health Systems. Role of hospitals in Primary health Care. Administration of rural hospitals.

Health Programmes in India.

Managerial process in National Health Development.

Cost benefit analysis in health field.

Text:

1. The Evolution of International Health System, Cumper G.E., OUP New York, 1991

2.Management of Hospital (4 Vols), S.L Goel & R. Kumar, Deep & Deep Publications Pvt. Ltd.

BHM-204

Marketing Management

Contacts: 3L + 1T

Credits: 4

Introduction: Definition, nature, scope and importance of Marketing- approaches to the study of marketing; marketing and economic development- traditional and modern concepts of marketing. *Marketing functions*: Selling, buying, transportation, storage, finance, risks, grading and standardization and Information; features and characteristics of markets; market segmentation. *Consumer and marketing*: Consumer behavior and motivation-stages and participation in buying

Consumer and marketing: Consumer behavior and motivation-stages and participation in buying process.

Product: Concept of Product; product line; product additions and deletion; New Product development.

Pricing: Pricing objectives- basic price concepts-price determination factors influencing pricing policy-methods of pricing-pricing policies and strategies.

Channels of distribution: Need for marketing specialists- types of marketing channels- selection of channels.

Promotion: Nature and importance of promotion-promotional methods- advertising – advertising copy-evaluation of advertising-personal selling-sales promotion.

Marketing Research: Importance-types and techniques of organizing marketing research.

Developing Marketing Strategy: Differentiating and positioning the market offering tools for competitive differentiation developing a positioning strategy.

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Hospital Management

Marketing Organizations: marketing performance and central, Global marketing; Customer service; Rural marketing.

Service Marketing: Relating to Health Care Services.

Books:

- 1. Marketing Management, Rajan Saxena, TMH
- 2. Marketing, Joel R. Evans, Wiley Dreamtech
- 3. Marketing Management & Research. P.K.Gupta. EPH.
- 4. Marketing Research . M.V.Kulkarni.EPH.

Hospital Operation Management I

Code: BHM 201 Contacts: 3L+1T

Credits: 4

Epidemiological basis for healthcare management.

Management development-towards development of professional management of Indian Hospitals.

Management of Indian Hospitals- chalanges & strategies.

Modern Techniques of hospital management.

Operation concept- use of models.

Health services research & formalized managerial methods.

Text:

- 1. Management of Hospital (4 Vols), S.L Goel & R. Kumar, Deep & Deep Publications Pvt. Ltd.
- 2. Hospital Mgmt. In Tropics & Subtropics, James A. William, McMillan, London, 1991

Bio-Statistics I Code: BHM-202 Contacts: 3L+1T

Credits: 4

Statistics & Samples.

Handling & Presenting Numerical Information. Pie-Diagram, Bar Diagram, Histogram, Frequency Polygon. Scatter Diagram.

Measures of Central tendency- mean, median & mode.

Measures of Dispersion or variability- range, standard deviation

The Normal Distribution-its characteristics. Best Fitting Normal Distribution.

Student's 't' distribution.

Data Collection for Vital Statistics:-

- a) Birth
- b) Deaths
- c) Fetal Deaths

Text:

- 1. A Short Text Book of Medical Statistics-Hill A.B. 10th Ed. ELBS
- 2. Elementary Statistics for Medical Workers, Indervir Singh, Jaypee Brothers
- 3. Element of Health Statistics-Rao NSN

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Note

- 1. BHM-101 (Principles of Management) is same as BBA-101
- 2. BHM-102 (English Language & Communication) is same as BBA-102
- 3. BHM-104 (Accounts) is same as BBA –103 (Business Accounting)
- 4. BHM-191 (Language Laboratory) is same as BBH-192
- 5. BHM 192 (Computing Laboratory) is same as BBC- 195

Hospital Management Syllabus of Third Semester

BHM – 301 Hospital Operations Management-II

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.

Organization of the hospital

• Management structure

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

• Duties and responsibilities of various positions

Hospital Operational management

Management of Quality Assured services of professional service units of hospital.

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Hospital Management

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

Disaster and mass casualty management

Classification of disasters, Principle of disaster management plan.

Plan for disaster management, Specific problems of disaster management.

Text:

- 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, OUP

BHM - 302

Bio-statistics -II (Basic Medical Statistics and Health Information)

Health Information:

Data & Information, Health Information System- components, uses, source Basic Descriptive methods,

Distribution table, Frequency distribution, Presentation of statistical data, Measure of central tendency and location, Measures of dispersion

Probability:

Introduction, Measurement of Probability, Frequency Probability, Laws of probability for independent events, Conditional events, Bayes'Theorem and its application in community screening programme

Decision analysis, Normal distribution, 't' distribution

Sampling variation and Bias, method of sampling, sampling & non sampling errors. Test of significance, Standard errors, Chi- Square test, Correlation & Regression

Text:

- 1. Park's textbook of Preventive & Social medicine
- 2. Statistical Methods in the Biological & Health Science: J.Susan Milton (McGraw-

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Hill)

- 3. An Introduction to Biostatistics, a manual for students in health sciences:
 - P.S.S. Sunder Rao: J. Richard
- 4. An introduction to Probability & Statistics, N. G. Das, Vol.1 & II

BHM - 304

Medical record Science-I

Definition and Types of medical record, Importance of medical record, Flow chart of function, Statutory requirements of maintenance, coding, indexing and filing, Computerization of record, Report and returns by the record department, Statistical information and ICD.

Text: 1. Principles of Hospital Administration & Planning: B.M. Sakharkar (Jaypee)

2. Hospital Administration: C.M.Francis (Jaypee)

BHM-303 Health Economics

1. Fundamentals of Economics:

Scope & coverage of Health Economics, demand for Health Sciences; Health as an investment, population, Health & Economic Development.

Some Basic Graphical & Mathematical Techniques.

Functions –Linear & non-linear.

Straight Lines & Slopes, Marginal values & Incremental Ratios.

Tools of Economics-Concepts of need, demand, supply & price in Health Services.

2. Methods & Techniques of Economic Evaluation of Health Programmes:

Cost benefit & cost effective methods-output & input analysis.

Market, monopoly, perfect & imperfect competition. Health Financing from various sources – Public, Private, TPA.

3.Economics of Health Programmes for Nutrition, diet & population control, economics of abuse of tobacco & alcohol, environmental influences on health & its economic impact, economics of breast feeding.

Economics of Communicable (STDs & Malaria) & non-communicable (IHD & Cancers) diseases.

4. Health Care Budget: purpose, types & practices in Indian context.

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BHM-305

Inventory Control & Purchase Management

1. Inventory Control & Purchase Management-meaning & significance

2. Purchasing & procurement:

Principles of sourcing, purchase methods & procedures, legal aspects of purchasing.

Reference to Contract Act, Sale of Goods Act, Drug Control Act in respect to purchase activities. Import substitution

- 3. Quality Control & quality management-Principles & methods.
- 4.Principles of storage & stores accounting-types of storage care & preservation of materials & equipments in inventory control.
- 5.Distribution management (logistics Management)-distribution of materials to various departments & auxiliary services.
- 6.Exceptional management needs in Healthcare Units: Mgmt. of Blood Bank, Donated Organs, Morgues, Dispensaries .

7. Contract Administration:

Administration of services obtained through Contract Principles. Model Contract for Laundry, dietary, dispensary, security & Ambulance Services.

Epidemiology & Analysis of Health Information Data [BHM-401]

1>Concept of disease— Natural History

Level of prevention

Rehabilitation

2>Concept of Epidemiology-- Definition and concept

Types of uses

Incidence and prevalence

3>Communicable and non-communicable diseases-

a) Communicable Diseases-- Influenza

Food poisoning

Filaria

Plague

Tetanus

b) Non- Communicable Diseases-- Diabetes

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Stroke

Alcoholism

Smoking

Rheumatic Heart Diseases

4>Epidemiological studies

- -- Epidemic, Eudemic, Pandemic, Sporadic
- -- Investigation of an epidemic
- 5>Mortality, Morbidity, IMR, MMR.
- 6>Preventive measures for disease Outbreak
 - --Vaccination, Immunisation, Surveillance, Monitoring

7>Transmission of Disease—Vehicles of transmission

8>Observational, Analytical & Experimental Studies

Texts:

- 1. Text Book of Preventive and Social Medicine Park.
- 2. Hospital Administration Tabish (O.U.P.).
- 3. Epidemiology & Management of Health Care for all-P.V. sathe & A.P. Sathe

Support & Utility Services – I [BHM-402]

- Meaning, Importance and integration
- Nursing Services
- Pathology lab / Diagnostic Units (Radiology, Scan Centre)
- Blood Bank
- Diet Services
- Linen Laundry Services
- CSSD (Central Sterile Supply Department.)
- Housekeeping
- Control of Hospital Infection
- Transport Services (Ambulance)

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Hospital Management

- Disposal of Medical Waste
- Security Services
- Maintenance Services
- Office Administration
- Hospital Information System and Computer Application

References:

Texts:

- 1. Hospital Administration Tabish (O.U.P.).
- 2. Principles of Hospital Administration & Planning B.M. Sakharkar, Jaypee Brothers
- 3. Hospital Administration & Management C.M. Francis & D'Souza.

Environment & Ecology (BHM-403)

General

Meaning of Environment & relevance of the subject Environment & Ecology for Hospital Administrators.

Brief outline of the Environment (Protection) Act 1986 & its importance for Hospital Administration.

Legislation vs. Social obligation of Hospitals. Role of NGO's like green peace in Environmental protection.

Ecology

Brief outline on Elements of Ecology; brief discussion on Ecological balance and consequences of change, principles of environmental impact assessment. Environmental Impact Assessment report (EIA).

Air Pollution and Control

Factors responsible for causing Air Pollution in Hospitals .Sources & effects of Air pollutants in the Hospital context. Primary & Secondary pollutants ,Green House Effect,depletion of Ozone Layer. Brief discussion on THE AIR (PREVENTION & CONTROL OF POLLUTION) ACT,1989.

Water Pollution and Control

Brief Discussion on Hydrosphere, natural water, pollutants: their origin and effects, river/lake/ground water pollution, The financial implication of water pollution control and steps required to be taken e.g. Sewerage treatment plant, water treatment plant. Standards and control in relation to the effect of legislation by Central and State Boards for prevention and control of Water Pollution.

Land Pollution

Brief understanding of lithosphere, pollutants(muncicipal,industrial,commercial,agricultural,hospital,hazardous solid waste); their original effects, collection and disposal of solid waste, recovery & conversion methods in relation to an hospital enterprise with discussion about the financial implication.

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Hospital Management

Noise Pollution:

Sources, effects, standards & control

Books:

- 1. Environmental Science, Cunningham, TMH
- 2. Environmental Studies, A.K.De & A.K.De, New Age International
- 3. Environmental Pollution Control Engineering, C.S.Rao, New Age International
- 4. Environmental Management, N.K. Oberoi, EXCEL BOOKS
- 5. Ecosystem Principles & Sustainable Agriculture, Sithamparanathan, Scitech

Medical Record Science-II(BHM-404)

Utility & functions of Medical Records in Health care delivery System.

Organizations & management of Medical Records Department.

Role of Hospital managers & MRD personnel in Medical record keeping.

Reports & returns in Medical Record System.

Basic knowledge of legal aspects of Medical Records including Factories Act, Workmen Compensation Act & Consumer Protection Act.

Procedures of Medical Auditing & its importance.

Government Regulations & requirements.

Texts:

- 1. Hospital Administration Tabish (O.U.P.).
- 2. Principles of Hospital Administration & Planning B.M.Sakharkar, Jaypee Brothers
- 3. Hospital Administration & Management C.M. Francis & D'Souza.
 - 5. Management of Hospitals Goel & Kumar. (Deep & Deep).
 - 6. Medical Records, G.D. Mogli, Jaypee Brothers

Management Information System (BHM – 405)

Information, data& its role in decision-making, system and its model., Information System (IS)-operating elements, process, function, layout of information flow in an organization, classification of IS, executive Support System (ESS),

Managerial process, managerial decision making, approaches to management decision making, implication for information systems

Hospital Information System – Genesis, scope, basic management cycles in hospitals, categories of information system in hospitals, sources of health information, uses of health and hospital data, managing information system, and need of information in hospital.

Books:

- 1. Management Information Systems, O'Brien, TMH
- 2. Management Information Systems, Arora & Bhatia, EXCEL BOOKS
- 3. Management Information Systems.M.M.Oka.EPH.

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BHM (5th Semester) Name of the Subject: Quality in Health Care. Course Code: BHM-501

Course Structure:

- Fundamentals of Quality Management: Introduction Objectives Historical Back Ground
 – Concept of Quality Care and Quality Management ISO 9000 Quality Management
 System Effects and Benefits of ISO 9000 management System Present Indian Scenario
 – Organization of quality Management System Approaches to measurement of Quality.
- Techniques of Quality Management: Improving Hospital Performance Patient Participation Quality Health Care through Patience Satisfaction Conceptual model of potential Contribution in quality in the health care system.
- Organization wide Quality Improvement in Health Care: Introduction organizing for Quality Assessment – Deming's Contribution and his 14 management guideline – Organization wide Quality Improvement fundamentals – A Quality Improvement model of daily Patient Care – Quality Assurance and Quality improvement.
- Assessing Quality Health Care: Some attributes of Quality in Health Care Some attributes
 of a Good Patient Practitioners Relationship The measurement of Quality Procedure for
 formulating explicit Criteria and standards Determinates of Quality Structure Process
 Outcome.
- The implementation of Total Quality: Planning Quality organizing Quality Evaluating Quality Transforming organizations to a Total Quality Philosophy and Culture.
- Outcome Management and Total Quality: Background of Quality outcome What is quality outcome and what is outcome Management?

Books:

- 1. Reference Books: Raandi Schmidt J. Trumbo and R. Jonson, Quality in Health Care Sector ASQC Quality Press.
- 2. Quality Improvement in Health Care, 2nd Ed, Nelson Thrones

BHM (5th Semester) Name of the Subject: Support and Utility Service Course Code: BHM-502

Course Structure:

• Mortuary Services

Introduction – Role and Function – Planning Construction – Physical facilities – Equipment – Staffing – Policies and Procedures – Monitoring.

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Medical Records

Introduction – Definition – Purpose – Planning organizing and Staffing - Physical facilities – Processing of Records and their flow – Coding and Indexing – storage and Retrieval – Reports and Returns – Medico legal aspect of medical Records.

Pharmacy Services

Introduction – Definition – Brief History – Role, function and types – Planning Consideration – Policies and Procedures – Management issues – Control and evaluation – Computerization in Pharmacy Services.

• Fire Hazards and Fire Manual Guideline

Introduction – Elements of fire – Fire hazard – Cause of Hospital Fire - Classification of fire – Fire protection – Fire points and Escape Route – Risk evaluation – meaning of fire manual – Guideline – Elements of Fire safety – Fire safety training – Do's and Don'ts for electrical fire prevention – Action to be taken in case of fire in a Hospital.

• Integrated Hospital and Patient Care

Information System: Meaning – objectives – Need – Designs of HIS – Application of HIS – Stages of computerisation – HIS Design objectives and consideration - Conceptual Database Design – meaning of Patient Care information System – elements of Patient Care information System – Direct Care Process - Efficiency of care providers – Improved information access – in Patient Care.

• Disaster Management

Introduction – Stages of Disaster – Disaster Planning – Disaster operating procedure – Disaster Manual – Lesson from Japan – Recent Trends – the Action Plan – Looking Ahead.

• Reference Books:

- (1) Hospital and Health Services Administration Principals and Practice Syed Amin Tabish Oxford University Press.
- (2) Essential for Hospital Support Services and Physical Instructions Sharma Jaypaee Brothers New Delhi.
- (3) Management in Health Care, Nelson Thrones
- (4) Health Care Provisions, 2nd Ed, Nelson Thrones

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> BHM (5th Semester) Name of the Subject: law Course Code: BHM-503

Course Structure:

- General Law of Contract: Essentials of a Contract Offer and acceptance Capacity of Parties - Free Consent – Consideration and legality of object – Void argument and Contingent Contract.
- Legal Aspect and Consumers Protection Act:

Introduction – Medico–Legal Aspect on Clinical practice – Duties and Responsibilities of Doctors – Professional Secrets and Privileged Communication – Consent - Implied Consent and Expressed Consent.

Consumer Protection Act – Definition – Consumer Protection Council – Consumer Disputes Redressal Agencies – Other Salient features – Application of C.P. Act in Hospital – Recent judgment of Supreme Court – Implication for Health Professionals.

- W.B Clinical Establishment Act 2000:-
- Biomedical Waste Management and Handling Rule 1998: Meaning Classification of Bio-medical waste – Treatment and disposal – Colour Coding and type of Container for Disposal of Bio-medical wastes – Biomedical waste Management Rule - Annexure of Ministry of Environment and Forest Notification in regard to Bio-Medical Waste Management and Handling Rule 1998(Schedule I-VI)
- Shops and Establishment Act:-
- References Books:
- 1>Kapoor, N.D; 2004: Mercantile Law Sultan Chand & Sons: New Delhi(Chapter 1-5)
- 2>Kuchhel, M.c, 2003, Marcentile Law; Vikas Publishing Private Ltd. New Delhi (chapter 1-5)
- 3>Pathak,Legal Aspect of Business,TMH
- 4>P.L Mallick Industrial Law Eastern Book Company Lucknow.
- 5>Bio-Medical Waste Management Handling Rule 1998.
- 6>Law & Ethics in Nursing & Health Care, Nelson Thrones

BHM (5th Semester) Name of the Subject: Financial Management Course Code: BHM-504

Course Structure:

 Meaning of Financial Management – Modern Approaches to FM – Objectives, scope, function and importance of Financial Management.

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- Financial Statement Analysis: Meaning of Financial Statement Different types of F.S viz Income Statement, Balance Sheet, Statement of Retained earning, Fund Flow Statement, Cash Flow Statement definition, significance and limitations.
- Fund Flow Statement Practical Problems.
- Cash Flow Statement Practical problems.
- Ratio Analysis: Meaning of Ratio Analysis Different types of ratios, their meaning and importance Practical problems on Ratio Analysis Limitation of Ratio Analysis.
- Break-Even and CPV Analysis Meaning importance Uses Significance Practical Problems.
- Accounting for Non- Profit Seeking Concern Hospital Accountings and Hospital Costing.
- Working Capital Management: Definition Components of W.C.M Factors affecting working Capital – Classification of Working Capital – Practical Problem on Working Capital requirement.
- Capital Budgeting Definition Techniques of Capital Budgeting –NPV, IRR, ARR, Payback-period, Profitability Index Practical Problem on Capital Budgeting.
- Sources of Short term and long term finance.
- Reference Books:
- 1>Taxman's Financial Management by Ravi M. Kishore.
- 2> Advance Financial Management by Dr. S. N. Maheswar.
- 3> Financial Management, Khan & Jain, TMH
- 4> Financial Management, Gupta, Pearson Education
- 5>Finance for Non-Finance Manager, B.K. Chatterjee, Jaico

BHM (5th Semester) Name of the Subject: Human Resource Management Course Code: BHM-505

Course Structure:

- HRM-meaning, role in an organization, difference with personnel mgmt.
- HR planning, concept & methods.
- Recruitment, selection & placement, Sources of recruitment, methods of Selection-Promotion & transfer, Implementation of selection methods in hospitals. Transfer & Promotion in Hospitals
- Training & Development –concept, differences, importance. Organizing training programmes & evaluation. System of training & development in hospitals.
- Performance appraisal –meaning, objective, different theories in PA
- Wage & salary Administration-concept, principles in determining enrolment techniques
- Work Environment-Fatigue, monotony & Boredom(Reference to Hospital concept)

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- Morale-meaning & importance. Factors influencing morale-Impact of Morale on employees in an organization.
- Safety-meaning & importance, legal provisions for safety in an organization including Hositals.
- Trade Union-concept, impact on functioning of an organization, role of Trade Union in Hospital functioning.

Books:

- 1. Aswathappa, Human Resource & Personal Management, TMH
- 2. Gomez Mezia, Managing Human Resources, Pearson Education

Paper Code: BHM-601 Paper Name: Public Relations

- 1. PR- Definition, PR & Advertising, PR & Propaganda
- 2. History of PR:
 - PR- as a management function
 - PR- principles, planning, implementation
- 3. PRO- qualities of PRO, Functions
- 4. PR in Hospitals:
 - Organization
 - Role
 - Implementation Mechanism
- 5. Importance of PR in Hospital Environment Management:
 - Media
 - Government
 - Patients & Their Relations
 - Employee Relations
 - Political Parties
- 6. PR in Crisis Management, Event Management in Hospitals
- 7. PR Counselling, PR- Agencies
- 8. Ethics in PR, PR Laws
- 9. Emerging Trends in PR

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Paper Name: Organizational Behaviour Paper Code: BHM-603

- -OB-overview-Meaning of OB, importance of OB, field of OB, Contributing Disciplines.
- -OB Models, S-O-B-C model, contingency O-B model, challenges and opportunities for OB
- -Individual Behaviour: Biographical characteristics Learning, Value, Attitudes
- -Personality: Meaning of Personality, Determinants of Personality, Theories of Personality, Management and Development of Personality
- -The Process of Perception: Process and Principles, Factors influencing Perception, Perceptional Selectivity, Making Judgments, Social Perception.
- -Interpersonal Behaviour: Nature of Interpersonal Behaviour, Transactional Analysis, Johari Window, Benefits and uses of TA.
- -Group Dynamics & Behaviour: Concepts of Group, Types of Group, Stages of Group Development, Group Structure, Intergroup Relationship.
- -Motivation: Approaches to Motivation. Theories of Motivation- Maslow's Hierarchy of Need theory, Alderfer's ERG theory, Herzberg's two factor Motivation theory, Mclelland's Achievement Motivation Theory.
- -Leadership: Meaning, Styles, Theories on Leadership, Managerial Grid, Fiedler Model.

BHM-602 Medical Ethics

Definition of ethics.

Ethical Principles & rules:core concepts.

Law & ethics-a comparasion.

Law in relation to medical profession-Indian medical degree.

Act 1916, IMC act & State medical act.

Declaration of Geneva.

Disciplinary control-professional misconduct.

Compulsory & voluntary duties of a medical practitioner towards the state & the patient.

Doctor patient relationship.

Professional secrets & privileged communication-births, deaths, abortion, MTP, C.S, communicable diseases.

Helsinki declaration on medical research, ICMR guidelines of medical research-death, dying &incurable ill patient.

Euthanasia-ethical framework on decision making.

Elective-I

Occupational Health

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BHM-604A

Occupational environment-man & physical, chemical & biological agents.

Occupational hazards-physical, chemical, mechanical, psychological hazards.

Occupational diseases.

Accidents & injury.

Radiation hazards.

Control of hazards in industries.

Indian Factories Act 1948

ESI Act 1948.

Workman's Compensation Act 1952.

Books:

Park & Park-Preventative & Social Medicine.

Geriatrics

BHM-604B

Definition of Geriatrics & gerontology.

Concept of aging –cellular aging, tissue organ aging, individual aging.

Aging population.

Demographic trends-past, present & future.

The preservation & control of the disabilities of the aging.

Routine health examination of the elderly population.

Economic & social implications of aging population.

Retirement & occupation.

Books:

1.Oxford Book of preventive Medicine, Third Edition.

2. Aging society, Social & economic issues-Edited by Rajarshi Ghosh, The ICFAI University Press

Nutrition

BHM-604C

Elements of Physical Nutrition –cell & human physiology.

Human Nutrition-Functional anatomy, Nutritional Physiology & Biochemistry.

Requirements of: adults, children, pregnant women.

Food-the source of energy:carbohydrates, Monosaccarides, Disaccarides, Polisaccarides.

Enzymes, digestion.

Nutritional requirements: carbohydrates, Fat, Minerals.

Malnutrition: classification & control.

Obesity & its control.

Nutritional factors in disease.

Iron deficiency.

National programmes on diet & nutrition.

Cardiovascular diseases

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BHM-604D

Essential anatomy & physiology of cardiovascular system.

Classical signs & symptoms of heart disease.

Blood pressure.

Basic concepts of investigations: X-Ray,ECG,Eco-cardiography with C-Doppler,Holter monitoring ,CT Scanning, coronary angiography.

Biochemical changes in C.V. diseases.

Therapeutic procedures of heart like cardiac Resuscitation, Defibrillation etc.

Basic concepts of cardiac failure, Cardisgenic shock, pulmonary acdema, Cardiac arrest.

Basic concepts of cardiac surgery-Prothetic heart values, cardiac transplantation, coronary angioplasty.

Replacement of heart values.

Control of cardiovascular diseases.