



# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore Shri Vaishnav School of Management

## Choice Based Credit System (CBCS) in Light of NEP-2020 MBA – Hospital and Health Management - IV SEMESTER (2024-2026)

### MBAHBM401 HOSPITAL HAZARDS AND DISASTER MANAGEMENT

COURSE CODE	CATEGORY	COURSE NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL		L	T	P	CREDITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MBAHBM401	DSE	Hospital Hazards and Disaster Management	60	20	20	-	-	3	-	3	

**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit; DSE- Discipline Specific Elective

\***Teacher Assessment** shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

### Course Objective

The objective of the course is to enable students to have a good understanding of Hospital Hazards and Disaster Management.

### Examination Scheme

The internal assessment of the students' performance will be done out of 40 Marks. The semester Examination will be worth 60 Marks. The question paper and semester exam will consist of two sections A and B. Section A will carry 36 Marks and consist of five questions, out of which student will be required to attempt any three questions. Section B will comprise of one or more cases / problems worth 24 marks.

### Course Outcomes

1. To learn to identify and assess disasters in the community.
2. To set forth policies and procedures for disaster preparedness and to prepare a disaster plan for a hospital.

## COURSE CONTENT

### UNIT I: Hospital Hazards

1. Hospital hazards meaning
2. Types – Physical, Biological, Mechanical, Psychological - Its impact on employees
3. Preventive measures - Hospital Hazards Management: Meaning, Need, Principles, Purpose.

### UNIT II: Introduction to Bio Medical Waste Management

1. Biomedical Waste Management: Meaning, Categories of Biomedical Wastes, Disposal of biomedical waste products.
2. Incineration and its importance - Indian Medical Association - Government Rules and Schedules – Standards for Waste Autoclaving, Microwaving and deep burial, Segregation, Packaging, Transportation, Storage.

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**UNIT III: Control of Hospital Acquired Infections:**

- Types of Infection - Common Nosocomial Infection and their Causative Agents, Prevention of Hospital Acquired Infection.
- Role of Central Sterile Supply Department
- Infection Control Committee - Monitoring and control of cross infection, Staff Health - Patient Safety.

**UNIT IV: Introduction to Disaster**

- Disaster - Definition, types, Disaster Management, Disaster Mitigation.
- Disaster and disaster preparedness plan - Definition, Disaster preparedness plan, Needs for disaster planning, Assessment of Disaster Preparedness

**UNIT V: Management of Disaster**

- Management of Natural Disaster: Flood, Earth Quake, Drought, Cyclone, Tsunami.
- Management of Epidemics: Cholera, Plague, Typhoid, Jaundice - Management of epidemics.
- Management of man-made disaster-Nuclear, Biological, Chemical Disasters- Accidents: Road, Train, Fire
- Management of food poisoning- Alcoholic and drug addiction-Events Management: Festival, Melas, Bull Fight, Sports, Races- Organization of medical camp

**Suggested Readings**

- Dave P.K., Gupta Shakti, Parmar N.K. & Kant Sunil (2001). Emergency Medical Services & Disaster Management a Holistic Approach Jaypee Brothers Medical Publishers (P) Ltd.

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**MBAHBM402 HEALTH INSURANCE**

COURSE CODE	CATEGORY	COURSE NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL		L	T	P	CREDITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MBAHBM402	DSE	Health Insurance	60	20	20	-	-	3	-	3	

**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical: C - Credit; DSE- Discipline Specific Elective

\***Teacher Assessment** shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

**Course Objective**

The objectives of this course are to familiarize the students with the issues associated with Health Insurance and their implementation in Hospitals and Health sector.

**Examination Scheme**

The internal assessment of the students' performance will be done out of 40 Marks. The semester Examination will be worth 60 Marks. The question paper and semester exam will consist of two sections A and B. Section A will carry 36 Marks and consist of five questions, out of which student will be required to attempt any three questions. Section B will comprise of one or more cases / problems worth 24 marks.

**Course Outcomes**

To familiarize with concept of health insurance, its scope and applicability in the country.

**COURSE CONTENT**

**UNIT I: Introduction and Concept of Insurance:**

1. Health Insurance: India and Abroad
2. General Insurance Companies in Health Insurance
3. Social Health Insurance

**UNIT II: Government Insurance Schemes:**

1. Employees State Insurance
2. Central Government Health Scheme (CGHS)
3. Contributory Healthcare Scheme in Army & Railways (ECHS)
4. Rastriya Swasthya BimaYojna (RSBY)

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MBAHHM402	DSE	Health Insurance	60	20	20	-	-	3		-	3

**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit; DSE- Discipline Specific Elective

\***Teacher Assessment** shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

**UNIT III: Miscellaneous Schemes**

1. IRDA its significance and role.
2. Mediclaim policies and cashless facility.
3. Other benefits through Health Insurance, Diseases usually covered or denied in various policies

**UNIT IV: TPA**

1. Introduction and concept of Third Party Administration in Health Insurance.
2. Significance and role of TPA.
3. Empanelment of Hospitals and Healthcare providers through TPA.
4. Prerequisites and conditions for empanelment.
5. Procedure in Hospital, on admission of patient with cashless facility and formalities required therein.
6. Method of payments: Reimbursement of expenses or directly to the hospital or through TPA's, Essentiality of Hospitalization.

**UNIT V: Corporate Plans**

1. Corporate Empanelment
2. PPP (Public Private Partnership Project)
3. Health Check-up- executive, senior citizen, women & children, (package & procedure).

**Suggested Readings**

1. Charles C. (2008). Hospital And Health Insurance Plans, Anmol Publications Pvt Ltd

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**MBAHHM403 HEALTH ECONOMICS**

COURSE CODE	CATEGORY	COURSE NAME	TEACHING & EVALUATION SCHEME							CREDITS
			THEORY			PRACTICAL				
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	T	
MBAHHM403	DSE	Health Economics	60	20	20	-	-	3	-	3

**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical: C - Credit; DSE- Discipline Specific Elective

\***Teacher Assessment** shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

**Course Objective:**

The rationale behind economics is to demonstrate the application of the economic principles and methodologies to key management decisions within organizations. The course also emphasizes and provides principles to foster the goals of the organization, as well as a better understanding of the external business environment in which an organization operates.

**Examination Scheme**

The internal assessment of the students' performance will be done out of 40 Marks. The semester Examination will be worth 60 Marks. The question paper and semester exam will consist of two sections A and B. Section A will carry 36 Marks and consist of five questions, out of which student will be required to attempt any three questions. Section B will comprise of one or more cases / problems worth 24 marks.

**Course Outcomes**

After the completion of the course, students will be able to

1. Understand the roles of managers and administrators in firms and health care set up, and also analyze the internal and external decisions to be made by managers
2. Analyze the demand and supply conditions and assess the position of an organisation. It helps in designing the competitive strategies, including costing, pricing, product differentiation, and market environment according to the natures of products and the structures of the markets.
3. Analyze real-world business problems with a systematic theoretical framework and make optimal business decisions by integrating the concepts of economics, health care, with the application of mathematics and statistics.

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**COURSE CONTENT**

**UNIT I: Fundamentals of Economics:**

1. Nature and Scope of Health Economics: Introduction to Economics, definition and meaning,
2. Basic concept of Health Economics
3. Natural Resources of a country, Economic Levels, GNI, GDP, Per Capita Income, Net national Product (NNP).

**UNIT II: Demand Analysis**

1. Demand - meaning- determinants of demand, Law of demand- elasticity of demand - price, income and cross elasticity.
2. Supply - meaning- determinants of supply, Law of supply - Demand vs. Supply.

**UNIT III: Utility Analysis**

1. Utility analysis in Health economics: Concept of cost in health care, Fixed and Variable costs, Opportunity cost,
2. Short-run and long-run costs, average and marginal costs.
3. Various forms of market- monopoly, perfect competition, monopolistic competition and oligopoly- Pricing strategies.

**UNIT IV: Introduction to Budget**

1. Health Care Budget: Purpose, types and practices in Indian context.

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MBAHHM403	DSE	Health Economics	60	20	20	-	-	3		-	3

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**UNIT V: Evaluation in Health Economics:**

1. Economic evaluation of health programs, basic Economics of Health programs in India and for communicable and non-communicable diseases.
2. Economics of Health Programmes for Nutrition, Economics of abuse of tobacco & Alcohol, Economics of Breast feeding

**Suggested Readings**

1. Bhattacharya, J., Hyde, T., & Tu, P. (2014). *Health economics*.
2. Jeyasingh, J., Solomon, R. D., & Josephin, D. J. (2016). *Health economics*.
3. Pattnaik, P. (2013). *Health economics*.

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**MBAHHM404 MEDICAL RECORDS MANAGEMENT**

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			THEORY			PRACTICAL		L	T	P	CREDITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MBAHHM404	DSE	Medical Records Management	60	20	20	-	-	3	-	3	

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\***Teacher Assessment** shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

**Course Objective**

The objective of the course is to enable students to have a good understanding of Medical Records Department.

**Examination Scheme**

The internal assessment of the students’ performance will be done out of 40 Marks. The semester Examination will be worth 60 Marks. The question paper and semester exam will consist of two sections A and B. Section A will carry 36 Marks and consist of five questions, out of which student will be required to attempt any three questions. Section B will comprise of one or more cases / problems worth 24 marks.

**Course Outcomes**

1. To understand basics of electronic medical records management.
2. Apply the knowledge obtained on specialized areas effectively in the health care system

**COURSE CONTENT**

**UNIT I: Records Management**

1. Records Management- Introduction, meaning and importance, definition of registers, records & forms
2. Principles of record keeping, merits and limitations
3. Recent trends in record maintenance, electronic forms of records.

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MBAHBM404	DSE	Medical Records Management	60	20	20	-	-	3	-	3	

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\***Teacher Assessment** shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

**UNIT II: Hospital Records**

- Hospital Records - Meaning, Functions, Importance of medical records to Patients, Doctors, Hospitals, Public health, Press, Insurance, Police, Court of Law, Education and Research.
- Hospital Records - Types - Out Patient record, Causality Emergency, Surgery, Obstetrics and Gynecology, Pediatrics, investigation and diagnosis. Hospital Statistics - Evaluation of Medical Care (Medical, Nursing, Pharmacy etc Audits).

**UNIT III: Records Classification**

- Records organization and Management - Classification of records
- Bases for classification
- Indexing and Filing of records,
- Problems associated with medical records
- International classification of Diseases (ICD) and Diagnostic Related Groups (DRG)

**UNIT IV: Medical Registers**

Medical Registers - Meaning, Principles, Types, Purposes, Advantages of designing registers, Registers in various departments & common problems faced.

**UNIT V: Medical Forms**

Medical forms and Reports - Meaning, Types and significance, Principles of designing of forms & reports, Statutory registers and reports to be maintained.

**Suggested Readings**

- Francis CM & Mario C de Souza, *Hospital Administration*, 3rd Ed., Jaypee Brothers, N. Delhi.
- George, MA, *Hospital Administrator*, Jaypee Brothers, New Delhi, 2003.
- GHOSH, P. K. (1997). Office Management, 11. Edition, Sultan Chand and Sons Publishing, New Delhi, India.
- Mogli. J D., *Medical Records - Organisation & Management*, JAYPEE Brothers.
- Rajendra, P., &Korlahalli, J. S. (2013). Essentials of Business Communication. *Sultan Chand and Sons*.

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