

## **Bachelor of Vocation – Healthcare Management (Semester-6)**

### **Undergraduate Curriculum Framework 2022(UGCf)**

#### **DISCIPLINE SPECIFIC CORE COURSE –DSC- 16: Health Services Legal & Ethical Issues**

##### **CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE**

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
DSC-16 Health Services Legal & Ethical Issues	4	3	1	0	NA	NA

#### **Learning Objectives**

After completion of the module student should be able to describe the important Legal & Ethical Issues associated with Healthcare

#### **Learning outcomes**

1. Students will understand different laws, acts, rules and regulations which the hospital have to comply to.
2. Students will understand the acts pertaining to different departments in the hospital and their importance for the smooth functioning of hospital as per the legislature of the country
3. Knowledge of Medical Negligence, Consent and contracts will help the students in understanding the importance of legalities with respect to the health of the patients.

#### **Syllabus**

##### **Unit 1(12 Hours)**

Introduction to Act, Law, Rules and Regulations , Medical Ethics , Medical Ethics as per MCI- Duties of Doctors , Ethical Dilemmas in Healthcare Industry .

## **Unit 2(12 Hours)**

Laws applicable to Hospital : Law of Contracts, Specific Performance , Medical jurisprudence and functioning of hospitals , Consent & its Importance.

## **Unit 3(12 Hours)**

Important Acts : Consumer Protection Act and Hospitals , I.D. Act, W.C. Act , West Bengal Clinical Establishment Act and Rules , ESI Act, Trade Union Act , Organ transplantation Act , Pc PNDT Act , MTP Act ART & Surrogacy Act .

## **Unit 4(9 Hours)**

Medico-Legal Cases , Medico-Legal Problems in relation to health administration , Medical Negligence and Types

### **Practical component (if any) –**

N/A

### **Essential/recommended readings**

1. Bhat, Sandeep (2023), Reflection on Medical Law and Ethics in India, Eastern Law House.
2. Dutta, B. (2018). Medical ethics and law. Jaypee Brothers Medical Publishers.
3. Nandimath, O. V. (2016). Medical law and ethics. LexisNexis India.
4. Pandit, M. S., & Pandit, S. (2016). Medical negligence and compensation. Jaypee Brothers Medical Publishers.

### **Suggestive Reading –**

1. Kaushal, A.K.(2016).Medical negligence and legal remedies. Universal Law Publishing.
2. Rao, S., & Rao, R. (2017). Hospital administration and human resource management. CBS Publishers & Distributors.

**Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.**

## **Bachelor of Vocation – Healthcare Management**

### **Undergraduate Curriculum Framework 2022(UGCF)**

#### **DISCIPLINE SPECIFIC CORE COURSE – DSC-17: Management of Non- Clinical Departments- Support and Utility Services**

#### **CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE**

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/Practice		
DSC-17 Management of Non- Clinical Departments - Support and Utility Services	4	3	1	0	NA	NA

#### **Learning Objectives**

On completion of this module the students should be familiar with the various aspects of planning, operating and evaluation of different support and utility services in hospitals

#### **Learning outcomes**

1. Students will understand planning, organization, structure, location, functions, policies and quality parameters of different departments of support & utility services.
2. Knowledge of functioning of all these departments will help the students to implement and manage the operations of these departments.

#### **Syllabus**

##### **Unit 1(8 Hours)**

Introduction- Support Services Departments; Planning, Organization Structure, Location and Function of support service departments.

### **Unit 2(14 Hours)**

Policies and Quality Parameters , CSSD- Methods of Sterilization , Pharmacy Department , Radiology Department , Nuclear Medicine , Laboratory Services , Medical Record Department .

### **Unit 3 (9 Hours)**

Introduction to Utility Services Departments-Planning, Organization Structure, Location, Functions, Policies and Quality Parameters .

### **Unit 4 (14 Hours)**

Understanding of different utility service departments - Laundry services , Security Services , Transportation Services (External & Internal)-Ambulance Services , Hospital Stores , Mortuary (Preservation, transportation & religious formalities) , Kitchen services , House Keeping Department , Engineering & Maintenance Department.

#### **Practical component (if any) –**

N/A

#### **Essential/recommended readings-**

1. Das, Joydeep (2015), Hospital Administration and Management, Jaypee Brothers Medical Publisher.
2. Gupta, S., Kant, S., & Chand, S. (2018). Hospital support services. Jaypee Brothers Medical Publishers.
3. Joshi, S. K. (2019). Hospital administration. Jaypee Brothers Medical Publishers.

#### **Suggestive Readings -**

1. Goel, Dr.Sonu (2013), Hospital Administration, Elsevier India.
2. Kumar, R., & Kant, S. (2016). Hospital facilities planning and management. Jaypee Brothers Medical Publishers.

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**Bachelor of Vocation – Healthcare Management**

**Undergraduate Curriculum Framework 2022(UGCF)**

## DISCIPLINE SPECIFIC CORE COURSE – DSC-18: Hospital Engineering & Bio- Medical Engineering

### CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
DSC-18 Hospital Engineering & Bio-Medical Engineering	4	3	1	0	NA	NA

### Learning Objectives

On completion of this module the students should be familiar with the equipment management process and its various components and their roles in hospital system

### Learning outcomes

1. Students will understand the different medical equipment used in hospital, they will understand in detail the requirement, procurement and functioning of all the equipment.
2. Students will also get an understanding of different types of maintenance contracts required for all the biomedical equipment

### Syllabus

#### Unit 1(10 Hours)

Introduction - List of common Medical Equipment used in Hospital , General Requirements , Local, National and International availability of Medical Equipment.

#### Unit 2-(15 Hours)

Purchase / Installation / Commissioning of Medical Equipment , Equipment selection guideline, Estimation of cost and Q.C. Planning , Justification of purchase proposal, Hospital Need Assessment .

### **Unit -3(10 Hours)**

Budgeting of Biomedical Equipment , Replacement of old equipment and Buyback Policy , Estimation of Breakeven point and Profit – Projection in hospital budget , Medical Equipment Down Time.

### **Unit 4(10 Hours)**

Medical Equipment Maintenance - In-house, AMC and CMC , Preventive Maintenance , Calibration of Equipment.

### **Practical component (if any) –**

**N/A**

### **Essential/recommended readings-**

1. Goyal, R. C., & Kundur, G. D. – Hospitals: Facilities Planning and Management (used in engineering/healthcare courses).
2. Murthi, K. (2010). Biomedical engineering. Ane Books Pvt. Ltd.
3. Manna, S. K., & Ganguly, S. (2018). Biomedical engineering and assistive devices (2<sup>nd</sup> ed.). Publisher.
4. Willson, Keith; Ison, Keith; Tabakov, Slavik (2013), Medical Equipment Management, CRC Press.

### **Suggestive Reading -**

1. Paul, S. (2020). Biomedical engineering and its applications in healthcare. Springer Nature Singapore.
2. Khandpur, R.S.(2004).Biomedical instrumentation- Hill Education.

**Note:**Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.