Curriculum

B.Sc. (Hons) Healthcare and Hospital Management and B.Sc. (Hons with Research) Healthcare and Hospital Management

SEMESTER I								
S. No	**Course Code**	**Course Name**	**Category of Course**	**L**	**T**	**P**	**S**	**Credits**
1.		Introduction to Hospital Services	Discipline Core Course 1	3	0	0	0	3
2.		Medical Terminology	Discipline Core Course 2	3	0	0	0	3
3.		Management for Healthcare Services	Discipline Core Course 3	3	0	0	0	3
4.		From Bucket	Generic Electives - 1	4	0	0	0	4
5.		Foreign Language -I (French/German)/	Ability Enhancement course-1	2	0	0	0	2
6.		Ecology and Environment	Skill Enhancement course- 1	2	0	0	0	2
7.		AI for Biosciences and Technology	Value Added Course-1	2	0	0	0	2
			TOTAL					**19**
SEMESTER II								
S. No.	**Course Code**	**Course Name**	**Category of Course**	**L**	**T**	**P**	**S**	**Credits**
1		Hospital Information System	Discipline Core Course 4	3	0	0		3
2		Hospital Front Office Operation	Discipline Core Course 5	3	0	0	0	3
3		Health Insurance	Discipline Core Course 6	3	0	0		3
4		From Bucket -2	Generic Electives - 2	3	0	0		3
5		Foreign Language -II (French/German)/	Ability Enhancement course-2	0	0	2	0	2
6		Introduction to Python Programming	Skill Enhancement course- 2	1	0	1		2

7		Bioethics and Biosafety	Value Added Course-2	2	0	0		2
			TOTAL					18

SEMESTER III								
S. No.	Course Code	Course Name	Category of Course	L	T	P	S	Credits
1		Hospital Maintenance	Discipline Core Course 7	3	0	1	0	4
2		Economics for Hospital Management	Discipline Core Course 8	3	0	0	0	3
3		Hospital Housekeeping	Discipline Core Course 9	3	0	1	0	4
4		From Bucket-3	Generic Electives - 3	3	0	0	0	3
5		Communicative English	Ability Enhancement course-3	2	0	0	0	2
6		Introduction to Health informatics	Skill Enhancement course- 3	2	0	0	0	2
7		Human Values and environmental Sciences	Value Added Course-3	2	0	0	0	2
			TOTAL					20

SEMESTER IV								
S. No.	Course Code	Course Name	Category of Course	L	T	P	S	Credits
1		Health Laws and Industrial Relation	Discipline Core 10	3	0	0	0	3
2		Accounting for Hospitals	Discipline Core 11	3	0	1	0	4
3		Drug and Material Management	Multi- Dis. Course 1	3	0	0	0	3
4		From Bucket 4	Generic Electives - 4	3	0	0	0	3
5		Disaster Management	Ability Enhancement course-4	2	0	0	0	2
6		Introduction to R Programming	Skill Enhancement course- 4	2	0	0		2
7		Multidisciplinary Course-2	Multi- Dis. Course 2	3	0	0		3
			TOTAL					20

SEMESTER V								
S. No.	Course Code	Course Name	Category of Course	L	T	P	S	Credits

S. No.	Course Code	Course Name	Category of Course	L	T	P	S	Credits
1		Biomedical Waste Management	Discipline Core 12	4	0	0		4
2		Ward Management	Discipline Core 13	3	0	1		4
3		Infection control	Multi- Dis. Course 3	4	0	0		4
4		DSE from Gr.1	DSE-1	4	0	0		4
5		Generic Elective (GE)	Generic Electives - 5	3	0	0		3
6		Internship	Industrial/Academic Internship	2	0	0		2
			TOTAL					**21**

SEMESTER VI

S. No.	Course Code	Course Name	Category of Course	L	T	P	S	Credits
1		Total Quality Management for Hospitals	Discipline Core 14	3		1		4
2		Strategic Management for Hospitals	Discipline Core 15	3		1		4
3		DSE from Gr.1	DSE-2	4		0		4
4		DSE from Gr.1	DSE-3	4				4
5		Generic Elective (GE))	Generic Electives - 6	4	0	0		4
6		Internship	Industrial/Academic Internship	2	0	0		2
			TOTAL					**22**

After 3 years, Students will get the degree of B.Sc. Healthcare and Hospital Management with Total Credits=120

SEMESTER VII

S. No.	Course Code	Course Name	Category of Course	L	T	P	S	Credits
1		Service Quality Excellence in Healthcare	Discipline Core 16	4	0	0		4
2		DSE from Gr.2	DSE-4	4	0	2		6
3		DSE from Gr.2	DSE-5	4	0	2		6
4		GE	Generic Electives - 7	3	0	1		4
5		GE	Generic Electives - 8	3	0	1		4
			TOTAL					**24**

SEMESTER VIII

S. No.	Course Code	Course Name	Category of Course	L	T	P	S	Credits
		Dissertation/Project	Dissertation/ Project					16
			TOTAL					16
		After 4 years, Students will get the degree of B.Sc. (Hons Research) Healthcare and Hospital Management with Total Credits=160						

List of Discipline Specific Electives (DSE)

Semester	Code	Electives- Course Name	L	T	P	C	Group
Sem V		Basic of Healthcare informatics	3	0	0	3	Gr1
Sem V		Biostatistics	3	0	0	3	Gr1
Sem V		Health Information Management	3	0	0	3	Gr1
Sem VI		Medical coding	3	0	0	3	Gr-1
Sem VI		Project Management	3	0	0	3	Gr-1
Sem VI		Quality assurance and Financing	3	0	0	3	Gr-1
Sem VII		Research Methodology and Ethics	4	0	0	0	Gr-2

List of General (GE)

Semester	Code	Electives- Course Name	L	T	P	C	Group
Sem 1		Basics of Biotechnology	3	0	0	3	
Sem 1		Introduction to Clinical Research	3	0	0	3	
Sem 1		Basics of Nutrition	3	0	0	3	

Sem II		Dairy Science	3	0	0	3	
Sem II		Cell Biology	3	0	0	3	
Sem II		Renewable energy and Green Technology	3	0	0	3	
Sem IV		Marketing Management	3	0	0	3	
Sem IV		Nutraceutical and Functional Food	3	0	0	3	
Sem IV		Drug Design and Development	3	0	0	3	
Sem V		Food Quality Testing and Evaluation	3	0	0	3	
Sem V		Management of Clinical Research Project and Outsourcing	3	0	0	3	
Sem VI		Introduction to Entrepreneurship	3	0	0	3	
Sem VI		Medical Writing	3	0	0	3	
Sem VI		Hospital and Healthcare Administration	3	0	0	3	
Sem VII		Environmental Studies and Disaster Management	3	0	0	3	
Sem VII		Biodiversity and Taxonomy	3	0	0	3	