

REGULATIONS

PG (MBA) PROGRAMME
MBA – HOSPITAL ADMINISTRATION
MBA – PHARMACY ADMINISTRATION
MBA - INFORMATION TECHNOLOGY

2022



JSS Academy of Higher Education & Research
Deemed to be University
Re-Accredited "A+" Grade by NAAC
Sri Shivarathreeshwara Nagara, Mysuru - 570015, Karnataka

REGULATIONS -2022
Master of Business Administration (MBA) – Hospital Administration, Pharmacy
Administration & Information Technology

PROGRAMME OBJECTIVES:

1. To provide an environment that enables students to benefit and learn nuances of Management from their collective learning experiences.
2. To offer opportunities to develop the ability to think analytically and build capacity for independent learning.
3. To develop capabilities to complete a challenging extended piece of independent study in a learning environment where project work choices are supported by faculty research.

REGULATIONS: These regulations shall be called as “The Regulations for the MBA-Hospital Administration, MBA Pharmacy administration and MBA Information Technology post graduate Degree program of the JSS Academy of Higher Education & Research, Mysore”. They shall come into effect from the Academic Year 2022. The regulations framed are subject to modification from time to time by the authorities of the university.

- **1.00** The Regulations are applicable to Master of Business Administration – Hospital Administration, MBA Pharmacy Administration & MBA Information Technology, Post Graduate Management Programs offered by JSS AHER.
- 1.10 The Provisions contained in this set of regulations govern the policies and procedures on the Registration of Students, imparting instructions of the course, conduction of the examination of Students’ performance and all amendments there to leading to the said postgraduate Management Programs i.e., Master of Business Administration – Hospital Administration, MBA Pharmacy Administration, & MBA Information Technology.
- 1.20 This set of Regulations of Master of Business Administration – Hospital Administration, MBA- Pharmacy Administration & MBA- Information Technology, JSSAHER, Mysore, shall be in force along with all the amendments thereto.
- 1.30 This set of Regulations Master of Business Administration – Hospital Administration, Pharmacy Administration & Information Technology may evolve and get refined or updated or amended or modified or changed through appropriate approvals from the JSSAHER Bodies, from time to time, and shall be binding on all parties concerned, including the Students, Faculty, and Staff of JSS AHER, Mysore.
- 1.40 In order to guarantee fairness and justice to the parties concerned, in view of the periodic evolutionary refinements, any specific issues or matters of concern shall be addressed separately, by the appropriate authorities JSS AHER, as and when found necessary.
- 1.50 The JSS AHER Bodies may consider any issues or matters of concern relating to any or all the academic activities of the Master of Business Administration – Hospital Administration, Pharmacy Administration & Information Technology for appropriate action, irrespective of whether a reference is made (or the nature and extent of any reference, if so present) here in this set of Regulations or otherwise.
- **2.00 TITLE OF THE PROGRAM**
- The course shall be called Master of Business Administration – Hospital Administration,

Master of Business Administration -Pharmacy Administration & Master of Business Administration- Information Technology which is abbreviated as MBA–Hospital Administration & MBA- Pharmacy Administration & MBA- Information Technology. The program will be offered by the JSS AHER.

- **3.00 DURATION OF THE PROGRAM**

- MBA – Hospital Administration, MBA-Pharmacy Administration & MBA-Information Technology program shall be of Two years duration extended over Four semesters. The student shall be allowed a maximum of Four years (8 semesters) of duration to be eligible for the award of MBA – Hospital Administration, MBA Pharmacy Administration & MBA Information Technology failing which he/she shall have to register once again as a fresh student.

- **4.00 ELIGIBILITY FOR ADMISSION**

- Admission is open to MBA – Hospital Administration, MBA Pharmacy Administration & MBA Information Technology program, to all the students who have passed undergraduate Degree, or its equivalent of minimum three years duration recognized by JSS AHER.

OR

Any other examination recognized by JSS AHER as equivalent thereto.

- 4.10 The student must have secured not less than 50% of the maximum marks (aggregate of all the semesters/years of study).
- 4.20 For SC/ST/Cat. II students the prescribed percentage of marks shall be 40% of the maximum marks in the qualifying examination.
- 4.30 Provisional admissions to the MBA – Hospital Administration, MBA Pharmacy Administration & MBA Information Technology shall be based on the information furnished by the student in the prescribed APPLICATION FORM along with prescribed fee (if any) and documents supporting the eligibility criteria.
- 4.40 The JSS AHER shall call for applications and the applications received shall be scrutinized by an Admissions Committee comprising of representatives from the college and/or the JSS AHER.
- 4.50 Admission to the program will be in accordance with the approval recommendations of the Admissions Committee.
- 4.60 Based on the list of students admitted, the JSS AHER will allot University Seat Numbers to each student.
- 4.70 The calendar of events in respect of the program shall be fixed by the University from time to time.

- **5.00 REGISTRATION**

- 5.10 Every Student is required to register for the approved program at the commencement of each semester before the last date fixed for such registration and notified in the academic calendar.

- **5.20 Credits Assignment in a Semester**

- A Student must register for all the subjects of the MBA — Hospital Administration, MBA Pharmacy Administration & MBA Information Technology program.
- 5.30 Students will be permitted to register to the Second, Third & Fourth, only if they have-
 - a. Satisfied all the academic requirements to continue with the program of study without termination,
 - b. Cleared all the university fees, dues /fines (if any) of the first, second & third, semesters respectively.
 - c. Paid all required advance payments to the university for the current semester.
 - d. Not been debarred from registering on any specific ground by the university.
- 5.40 Medium of instruction /evaluation shall be English.

- **6.00 PROGRAM STRUCTURE**

- 6.10 The program is of two years duration spread over four semesters. The students must complete the program within the stipulated timeframe as per university rules and regulations.
- 6.20 The Board of Studies (BoS) of Management with the Dean of Faculty of Management Studies of the JSS AHER or any other competent person in appointed by the JSS AHER as Chairperson of the BoS shall have the authority to change / modify the program structure and subjects whenever required.
- 6.30 The Board of Studies (BoS) of Management with the Dean of Faculty of Management Studies of the JSS AHER or any other competent person appointed by the JSS AHER as Chairperson of the BoS will discuss and recommend the exact credits offered for the program of the above components, the semester-wise distribution among them, as well as the syllabus from time to time before submitting the same with their recommendations to the JSS Academy of Higher Education & Research for consideration and approval.
- 6.40 Working days in each semester.
- Each semester shall consist of not less than 100 working days. The odd semesters shall be conducted from the month of August/September to February/March and the even semesters shall be conducted from March/April to July/August in every calendar year.
- 6.50 Choice Based Credit System (CBCS)
- As per the CBCS pattern, certain quantum of academic work viz. theory classes, tutorial hours, practical classes, etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction per week in that course. Similarly, the credit associated with any of the other academic, co/extra-curricular activities is dependent upon the quantum of work expected to be put in for each of these activities per week.
- 6.60 Credit assignment
- 6.61 Theory and Laboratory courses
- Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and /or tutorial (T) hours, and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course and is obtained by using a multiplier of one (1) for lecture and tutorial hours, and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having four lectures per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.
- 6.62. Minimum credit requirements
- The minimum credit required for award of a MBA degree by JSS AHER, Mysore is **104**. These credits are divided into Theory courses, Tutorials, Practical, hospital postings, Project, and co/extra-curricular activities over the duration of four semesters. The distribution of credits is as shown in table VII.
- 6.63 Course of study
- The course of study for MBA shall include Semester wise Theory & Practical as given in Table – I to VIII including the number of hours to be devoted to each theory, tutorial and practical course in any semester.

Table – I: Course of study for semester I (MBAHA)

Sl.No.	Course	No. of Hrs/week	Lectures Hrs/week	Practical Hrs/week	Credit Points
1	Management Principles and Practice	4	4	-	4
2	Marketing Management and Services marketing	4	4	-	4
3	Accounting for Managers	4	4	-	4

4	Managerial and Health Economics	4	4	-	4
5	Organizational Behaviour	4	4	-	4
6	Managerial Communication	4	3	1	3
7	Soft skill/Personality dev.	4	-	4	2
	Total	28	23	5	25

Table – II: Course of study for semester II (MBAHA)

Sl.No.	Course	No. of Hrs/week	Lectures Hrs/week	Practical Hrs/week	Credit Points
1	Human Resource Management	4	4		4
2	Strategic Management	4	4		4
3	Total Quality Management	4	4		4
4	Financial Management	4	4		4
5	Business Statistics & Research Methodology	4	3	1	4
6	Management Information System	4	3	1	3
7	Hospital Postings	8	-	8	2
8	Summer Internship*	-	-	-	2*
	Total	32	22	10	27

*Summer Internship - Swacch Bharath Abhiyan/NSS/Any other extension/co-curricular activities= 2 credits

Table – III: Course of study for semester III (MBAHA)

Sl.No.	Course	No. of Hrs/week	Lectures Hrs/week	Practical Hrs/week	Credit Points
1	Hospital Planning, Designing & core services	4	4		4
2	Hospital Support Services	4	4		4
3	Hospital Operations Management	4	4		4
4	Epidemiology	4	4		4
5	Operation Research & Project Management	4	4		4
6	Hospital Postings	12	-	12	4
7	Electives-				
7a	Drug Management or	2	2		2
7b	Biostatistics or				
7c	Basic health sciences				
8	Entrepreneurship workshop*	-	-	-	2*
	Total	34	22	12	28

***Workshop**

Table – IV: Course of study for semester IV (MBAHA)

Sl. No.	Course	No. of Hrs/week	Lectures Hrs/week	Practical Hrs/week	Credit Points
1	Safety and Risk Management	4	4	-	4
2	Medical Ethics & Law	4	4	-	3

3	Medical Insurance, Audits & Accreditations	4	4	-	3
4	Electives-				
4a 4b	Health Informatics or Public Health	2	2	-	2
5	Project work	-	-	5	8
6	Hospital Postings	16	-	16	4
	Total	30	14	21	24

Table – V: Course of study for semester III (MBAPA)

Sl. No.	Course	No. of Hrs/week	Lectures Hrs/week	Practical Hrs/week	Credit Points
1	Operation Management	4	4	-	4
2	Operation Research	4	4	-	4
3	Pharmacoepidemiology	4	4	-	4
4	Retail Pharmacy	4	4	-	4
5	Drug Sales & EXIM	3	3	-	3
6	Electives-				
6a 6b	Basic health sciences or Medical Devices	2	2	-	2
6c 6d	Pharmacy Practice or International Pharmacy Management	2	2	-	2
7	Entrepreneurship Workshop**	-	-	-	2**
8	Visit to Pharma Industry [#]				1 [#]
	Total	23	23	-	26

**Workshop

[#] Visit report evaluated at department

Table –VI: Course of study for semester IV (MBAPA)

Sl. No.	Course	No. of Hrs/week	Lectures Hrs/week	Practical Hrs/week	Credit Points
1	Business Ethics & Law	4	4	-	4
2	Project Management	4	4	-	4
3	Pricing Strategies DPCO	4	4	-	4
4	Marketing Analytics of drug substances	4	4	-	4
5	Electives-(one out of three)*				
5a 5b 5c	Health Informatics or Strategic OTC products or IPR	2	2	-	2
6	Project work	-	-	5	8
	Total	30	14	21	26

Table – VII: Course of study for semester III (MBAIT)

Sl. No.	Course	No. of Hrs/week	Lectures Hrs/week	Practical Hrs/week	Credit Points
1	Hospital Services	4	4	-	4
2	Data communication and networking	4	4	-	4
3	Information and Communication Technologies in Healthcare	4	4	-	4
4	Database Management Systems (Theory & Practical)	4	3	2	4
5	Software Project Management	4	4	-	4
6	Hospital Postings	12	-	12	4
7	Electives-(anyone)				
7a 7b	Biostatistics or Introduction to Programming Language	2	2		2
8	Entrepreneurship workshop*	-	-	-	2*
	Total	34	22	12	28

Table –VIII: Course of study for semester IV (MBAIT)

Sl. No.	Course	No. of Hrs/week	Lectures Hrs/week	Practical Hrs/week	Credit Points
1	Software Quality Management	4	4	-	4
2	Information Security and Cyber Laws	4	4	-	3
3	Fundamentals of Artificial Intelligence (AI)	4	4	-	3
4	Electives- (anyone)				
4a 4b	Health informatics or Cloud Computing & IoT	2	2	-	2
5	Project work	-	-	5	8
6	Hospital Postings	16	-	16	4
	Total	30	14	21	24

Table – IX: Semester-wise credit distribution

Semester	Credit Points			Value addition Programmes
	HA	PA	IT	
I	25 (23+2)	25 (23+2)	25 (23+2)	Soft skill programme
II	27(23+2+2)	27(23+2+2)	27(23+2+2)	Hospital Postings + Summer internship
III	28(24+2+2)	26 (23+2+1)	28(24+2+2)	Hospital Postings + Entrepreneurship workshop+ Industry visit
IV	24(12+4+8)	26 (18+8)	24(12+4+8)	Hospital postings + Project work

Total Credit points for the MBA program	104	-
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- **7.00 ATTENDANCE REQUIREMENT**

The students must secure a minimum of 75 % attendance in each subject to become eligible to take term end examination. All students must attend every lecture, tutorial, and practical Classes. To account for approved leave of absence (e.g., representing the University in sports, games or athletics, placement activities, etc.) and /or any other such contingencies like, medical emergencies etc., the attendance requirements will be relaxed by a maximum of 10%.

Each course of semester shall be treated as a separate unit for calculation of the attendance. A student who does not satisfy the attendance requirement, mentioned as above, shall not be eligible to appear for the examination of that semester and not promoted to higher semester. The student shall be required to repeat that semester along with regular students later by paying the prescribed fee as per the regulations of the university.

- **7.10 ABSENCE DURING THE SEMESTER**

If a student, for any reason, discontinues the course in the middle of the course he/she may be permitted to register to continue the course along with subsequent batch, subject to the condition that he/she shall complete academic requirements of the previous semesters within maximum stipulated period.

The Head of Department shall notify regularly, the list of such students who fall short of such academic requirements. The list of the students falling short of academic requirements shall be sent to the JSS AHER at least one week prior to the commencement of the examination.

- **8.00 EVALUATION SYSTEM**

In every semester, the student should submit assignments/reports in each subject and make presentations (case studies, visits, etc.) which will be evaluated and included in the internal assessment marks. Short-term projects in relevant fields are also encouraged. The evaluation system for the program is designed to achieve the following:

1. To evaluate the learning progress of each student.
2. Prescribe and promote certain acceptable and uniform standards of comprehension.
3. Encourage a healthy and constructive competition among the students.

The University will follow a system of Continuous Internal Evaluation. Throughout the term, the student will be tested on his / her ability to understand concepts, learn techniques, and apply them to real life situations. At each stage of the course, the student would be able to assess his / her own performance and take measures for improvement.

The evaluation system is designed to ensure learning not only at a given point of time but ensures internalization of knowledge with an ability to adapt and apply the same in their chosen professional life. A student performing less than the minimum standards prescribed by academic bodies would be required to do additional assignments and projects and demonstrate his / her competence to qualify for promotion to higher semesters.

- **8.10 The Continuous Internal Assessments may be in the form of a combination of periodical.**

tests (two), assignments (two) and seminar (one).

Of the 25 marks of Internal Assessment, 15 marks shall be based on two tests. Each test shall be of at least 01-hour duration to be held during the semester. The average of two tests shall be taken as the internal assessment marks. The remaining 10 marks of the Internal Assessment shall be based on 05 marks for attendance, and 05 marks for internal viva-voce and assignments submitted.

The marks based on attendance shall be awarded as given below:

75% to 80% = 01 mark.

80% to 85% = 02 marks.

85% to 90% = 03 marks.

90% to 95% = 04 marks.

95% to 100% = 05 marks.

Marks for assignment shall be awarded by the faculty concerned based on assignments and exercises provided in the syllabus of each paper. The student is required to prepare/workout the concerned exercises in a Record Book maintained by him/her and shall submit it to the faculty concerned at least 15 days before the last date of the semester.

• 8.20 End Semester Examination (ESE):

- a) There shall be one end-semester examination (ESE) of two/three hours duration on each lecture-based course.
- b) The end semester examination is compulsory for all students and evaluated by the office of the Controller of Examinations following a double evaluation system.

Table X- Scheme of Evaluation for Semester I (MBAHA, MBAPA & MBAIT)

Sl. No.	Name of the Course	Internal Assessment				End Semester Exam		Total Marks	Credit points
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Theory test	Duration					
1	Management Principles and Practice	10	15	1 hr	25	75	3 hrs	100	4
2	Marketing Management and Services marketing	10	15	1 hr	25	75	3 hrs	100	4
3	Accounting for Managers	10	15	1 hr	25	75	3 hrs	100	4
4	Managerial and Health Economics	10	15	1 hr	25	75	3 hrs	100	4
5	Organizational Behaviour	10	15	1 hr	25	75	3 hrs	100	4
6	Managerial Communication	10	15	1 hr	25	50	2 hrs	75	3
7	Soft skill / Personality dev.*	-	-	-	-	-	-	-	2*
	TOTAL	60	90	06 hr	150	425	17hrs	575	25

*Assessment done by subject experts at department level and credits submitted to university.

Table XI- Scheme of Evaluation for Semester II (MBAHA, MBAPA & MBAIT)

Sl. No.	Name of the Course	Internal Assessment				End Semester Exam		Total Marks	Credit points
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Theory test	Duration					
1	Human Resource Management	10	15	1 hr	25	75	3 hrs	100	4
2	Strategic Management	10	15	1 hr	25	75	3 hrs	100	4
3	Total Quality Management	10	15	1 hr	25	75	3 hrs	100	4
4	Financial Management	10	15	1 hr	25	75	3 hrs	100	4
5	Business Statistics & Research Methodology	10	15	1 hr	25	75	3 hrs	100	4
6	Management Information System	10	15	1 hr	25	50	2 hrs	75	3
7	Summer Internship *	-	-	-	-	-	-	-	2*
8	Hospital Posting#	50#	-	-	50#	-	-	50#	2#
	TOTAL	110	90	6hr	250	425	17hr	675	27

***Summer internship=2 credits (assessment done at department level and credits submitted to university)**

#Hospital postings evaluated at department level based on attendance, report submission, presentation and marks submitted to university.

Table XII- Scheme of Evaluation for Semester III (MBAHA)

Sl. No.	Name of the Course	Internal Assessment				End Semester Exam		Total Marks	Credit points
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Theory test	Duration					
1	Hospital Planning, Designing & core services	10	15	1 hr	25	75	3 hrs	100	4
2	Hospital Support Services	10	15	1 hr	25	75	3 hrs	100	4
3	Hospital Operations Management	10	15	1 hr	25	75	3 hrs	100	4
4	Epidemiology	10	15	1 hr	25	75	3 hrs	100	4
5	Operation Research & Project Management	10	15	1 hr	25	75	3 hrs	100	4

6 6a) 6b) 6c)	Electives- * Drug Management or Biostatistics or Basic health sciences	10	40	2 hrs	50*	-	-	50*	2*
7	Hospital Posting	100#	-	-	100#	-	-	100#	4#
8	Entrepreneurship Workshop**	-	-	-	-	-	-	-	2**
	Total	160	130	8hr	300	425	17hrs	725	28

***NUE and evaluation done at department and marks submitted to university**

- #Hospital postings evaluated at department level based on attendance, report submission, presentation and marks submitted to university**
- **Workshop is done at department level and credits submitted to university**

Table XIII- Scheme of Evaluation for Semester IV (MBAHA)

Sl. No.	Name of the Course	Internal Assessment				End Semester Exam		Total Marks	Credit points
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Theory test	Duration					
1	Safety and Risk Management	10	15	1 hr	25	75	3 hrs	100	4
2	Medical Ethics & Law	10	15	1 hr	25	75	3 hrs	100	3
3	Medical Insurance, Audits & Accreditations	10	15	1 hr	25	75	3 hrs	100	3
4	Hospital Postings	100#	-	-	100#	-	-	100#	4#
5	Project work	50##	-	-	50##	150##	-	200##	8##
6 6a) 6b)	Electives-* Health Informatics or Public Health	10*	40	2 hr	50*	-	-	50**	2*
	TOTAL	190	85	5hr	275	375	9hr	650	24

- #Hospital postings evaluated at department level based on attendance, report submission, presentation and marks submitted to university**
- ## Project work evaluated on continuous mode by internal guide and university evaluation by internal and external examiners at the end of the semester (marks to be awarded)**
- *Evaluation is done at department level and marks submitted to university**

Table XIV- Scheme of Evaluation for Semester III (MBAPA)

Sl. No.	Name of the Course	Internal Assessment				University Exam		Total Marks	Credit points
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Theory test	Duration					
1	Operation Management	10	15	1 hr	25	75	3 hrs	100	4
2	Operation Research	10	15	1 hr	25	75	3 hrs	100	4
3	Pharmacoepidemiology	10	15	1 hr	25	75	3 hrs	100	4
4	Retail Pharmacy	10	15	1 hr	25	75	3 hrs	100	4
5	Drug Sales & EXIM	10	15	1 hr	25	50	2 hrs	75	3
6	Electives-*								
6a)	Basic health sciences	10	40	2 hrs	50*	-	-	50*	2*
6b)	or Medical Devices								
7a)	Pharmacy Practice	10	40	2 hrs	50*	-	-	50*	2*
7b)	or International Pharmacy Management								
8	Entrepreneurship Workshop**	-	-	-	-	-	-	-	2**
9	Visit to Pharma industry#								1#
	Total	70	155	09hr	225	350	14hrs	575	26

* NUE and evaluation at dept. level & marks submitted to university.

** Workshop is done at department level and credits submitted to university,

visit report evaluated at Department level

Table XV- Scheme of Evaluation for Semester IV (MBAPA)

Sl. No.	Name of the Course	Internal Assessment				End Semester Exam		Total Marks	Credit points
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Theory test	Duration					
1	Business law & ethics	10	15	1 hr	25	75	3 hrs	100	4
2	Project management	10	15	1 hr	25	75	3 hrs	100	4
3	Pricing strategies DPCO	10	15	1 hr	25	75	3 hrs	100	4
4	Marketing analytics of drug substances	10	15	1 hr	25	75	3 hrs	100	4

5	Electives (one out of three)*	10	40	2 hrs	50*	-	-	50*	2*
5a) 5b) 5c)	Health informatics or Strategic OTC products or IPR								
6	Project work#	50#	-	-	50#	150#	-	200#	8#
	Total	100	100	6hr	200	450	12hrs	650	26

*** NUE and evaluation is to be conducted at dept. level & marks submitted to university.**
#Project work evaluated on continuous mode by internal guide and university evaluation by internal and external examiners at the end of the semester (marks to be awarded)

Table XVI- Scheme of Evaluation for Semester III (MBAIT)

Sl. No.	Name of the Course	Internal Assessment				End Semester Exam		Total Marks	Credit points
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Theory test	Duration					
1	Hospital Services	10	15	1 hr	25	75	3 hrs	100	4
2	Data communication and networking	10	15	1 hr	25	75	3 hrs	100	4
3	Information and Communication Technologies in Healthcare	10	15	1 hr	25	75	3 hrs	100	4
4	Database Management Systems (Theory & Practical)	10	15	1 hr	25	75	3 hrs	100	4
5	Software Project Management	10	15	1 hr	25	75	3 hrs	100	4
6 6a) 6b)	Electives- * (anyone) Biostatistics or Introduction to Programming Language	10	40	2 hrs	50*	-	-	50*	2*
7	Hospital Posting (to learn about HIS of every dept. in the hospital)	100#	-	-	100#	-	-	100#	4#
8	Entrepreneurship Workshop**	-	-	-	-	-	-	-	2**
	Total	160	130	8hr	300	425	17hrs	725	28

***NUE and evaluation done at department and marks submitted to university**

#Hospital postings evaluated at department level based on attendance, report submission, presentation and marks submitted to university

****Workshop is done at department level and credits submitted to university**

Table XVII- Scheme of Evaluation for Semester IV (MBAIT)

Sl. No.	Name of the Course	Internal Assessment				End Semester Exam		Total Marks	Credit points
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Theory test	Duration					
1	Software Quality Management	10	15	1 hr	25	75	3 hrs	100	4
2	Information Security and Cyber Laws	10	15	1 hr	25	75	3 hrs	100	3
3	Fundamentals of Artificial Intelligence (AI)	10	15	1 hr	25	75	3 hrs	100	3
4	Hospital Postings (to learn about HIS of every dept in the hospital)	100#	-	-	100#	-	-	100#	4#
5	Project work	50##	-	-	50##	150##	-	200##	8##
6	Electives-* (anyone)	10*	40	2 hr	50*	-	-	50**	2*
6a)	Health Informatics								
6b)	Cloud Computing & IoT								
	TOTAL	190	85	5hr	275	375	9hr	650	24

#Hospital postings evaluated at department level based on attendance, report submission, presentation and marks submitted to university

Project work evaluated on continuous mode by internal guide and university evaluation by internal and external examiners at the end of the semester (marks to be awarded)

***Evaluation is done at department level and marks submitted to university.**

Total No. of Credits for MBAHA, MBAPA & MBAIT = 104 (ref. Table IX, pg. 10)

• **8.30 ABSENCE DURING END- SEMESTER EXAMINATION**

In the event of a student who is eligible to appear for the end semester exam absents for an end semester examination, for any reason whatsoever, the student will have to pay the prescribed examination fee for appearing for the exam conducted at the end of the next semester when the examination is conducted for the preceding batch. The results sheet of the semester in which the student has been absent from the end semester examination will indicate 'Absent' against the subject for which the student is absent.

• **8.40 PATTERN OF QUESTION PAPER**

Each theory question paper shall carry 75 marks/50 marks and the duration of examination is 03/02 hours. The Question paper shall ordinarily consist of three sections, to develop testing of conceptual skills, understanding skills, comprehension skills, articulation, and application of skills. The Question Paper will be as per the following Model:

Pattern for 75 marks QP

SECTION-A I. 1,2,3,	Long Essays (Answer any two) 10 marks each	02 X 10 = 20 Marks
SECTION-B II. 4,5,6,7,8,9,10	Short Essays (Answer any five) 05 marks each	05 X 05 = 25 Marks
SECTION –C III.11, 12,13,14,15,16,17,18,19,20	Short answers (answer all questions) 02 marks each	10 X 02 = 20 Marks
SECTION –D IV. 21	Case study	1 X 10 = 10 Marks
	Total	75 Marks

Pattern for 50 marks QP

SECTION-A I. 1,2,3	Long Essays (Answer any two) 10 marks each	02 X 10 = 20 Marks
SECTION-B II. 4,5,6,7,8	Short Essays (Answer any three) 05 marks each	03 X 05 = 15 Marks
SECTION –C III. 9, 10,11,12,13,14,	Short answers (answer any five) 02 marks each	05 X 02 = 10 Marks
SECTION –D IV. 15	Case study	1 X 05 = 05 Marks
	Total	50 Marks

- **9.00 PROJECT WORK**

- The project work is aimed at training the student in research methods and techniques. It includes identification of the problem, formulation of a hypothesis, review of literature, getting acquainted with recent advances, designing of a research study, collection of data, critical analysis, and comparison of results and drawing conclusions.
- Individual project must be carried out by the students pursuing MBA program on a selected research project under the guidance of a recognized postgraduate teacher. The results of such a work shall be submitted to the department in the form of a project report.
- A guide shall be a full time post graduate teacher of the department under JSS AHER for supervision of project work. However, a co-guide can be opted for wherever required.
- The topic and title of the project shall be chosen by the student in consultation with the guide and co-guide, if any.
- Modification of only the title but not the field of work is permitted at the time of final submission.
- Submission of Project report-
 - The project carries 200 marks, and the evaluation shall be based on the presentation made by the student, report, and viva voce.
 - One copy of the report along with one soft copy duly certified by the guide shall be submitted to the Head of department after evaluation.

- **10.00. APPEARANCE FOR THE EXAMINATION**

A candidate shall apply for all the parts in each examination when he/she appears for the first time. A candidate shall be considered to have appeared for the examination only if he/she has submitted the prescribed application for the examination along with the required fees to the JSSAHER.

- 10.10 ACADEMIC PROGRESSION

- a) The student to be eligible to have passed in any of the subject in the end semester examination shall obtain:
- b) 50% in aggregate of CIE and end Semester examination in each course
- c) 50 % in Project work
- d) A candidate is allowed to carry all the previous uncleared papers to the subsequent semester/semesters.
- e) Such of those candidates who have failed/remained absent for one or more papers henceforth called as repeaters, shall appear for exam in such paper/s along with the regular batch of students in the next succeeding examinations. The examination for subjects will be conducted in respective odd/even semester.
- f) The repeater shall have the opportunity to improve his/her performance only once in the internal test component of the CIE. The reconduct of IA test shall be completed before the commencement of next end-semester theory examination.

- 10. 20 CLASSIFICATIONS OF SUCCESSFUL CANDIDATES

- a) Course wise Grading of Students Letter Grades:
 - i. Based on the performance, each student shall be awarded a Final Letter Grade at the end of each semester in each course and overall grade in the final semester.
 - ii. The letter grades and their corresponding grade points are as follows:

Percentage of Marks obtained	Letter Grade	Grade Point (GP)	Performance
90.00-100	O	10	Outstanding
80.00-89.99	A	9	Excellent
70.00-79.99	B	8	Very good
60.00-69.99	C	7	Good
50-59.99	D	6	Fair
Less than 50	F	0	Fail
Absent	F	0	Fail

A student who remains absent for any end semester examination shall be assigned a letter grade of F and a corresponding grade point of Zero. Such students should be considered as failing and he/she should appear for the said examination in due course.

The Semester Grade Point Average (SGPA): The performance of a student in a semester is indicated "Semester Grade Point Average (SGPA)". The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester. The SGPA may be calculated as follows:

$SGPA = \frac{\text{Sum of all CPs in the said semester}}{\text{Sum of Credits in the said semester}}$

The SGPA is calculated for two decimal points.

The Cumulative Point (CP) in a said course may be calculated by using the formula.

$CP = C \times GP$, where C is the Credit Value of the said course, GP is Grade Point

The Cumulative Grade Point Average (CGPA): The CGPA may be calculated as follows:

$CGPA = \frac{\text{Sum of CPs in all the semesters/credits for the said program.}}$

- b) The above grading is done by Controller of Examinations office after considering both internal (Continuous assessment) marks together with end semester marks.
- c) No student is considered to have completed a course successfully and earned the credits when he / she secures a Letter Grade of "F" which implies the incompleteness of that course.
- d) The following courses are awarded credits but not to be included for CGPA/SGPA

calculation, and will not be considered for promotion from one semester to another semester:

Name of the Course	Semester	No. Of Credits
Soft skill / Personality development	I	2
Summer Internship	II	2
Entrepreneurship workshop/ visit to industry	III	2 (for HA & IT)/3(for PA)
Total		6(HA/IT)/7(PA) credits

• 10.30 Grade Card

The grade card issued at the end of each semester to each student by the Controller of Examination office shall contain the following:

- The credits for each course registered for that semester.
- The performance in each course is shown by the letter grade obtained.
- The Grade Point Average (GPA) of all the courses registered for the semester.
- The Semester Grade Point Average (SGPA) of all the courses studied from the first semester.
- The total marks secured by the candidate for each of the courses in which the candidate appeared for the end semester examinations.
- For the computation of cumulative grade point average (CGPA) a similar formula is used in which the sum is obtained by adding over all the courses taken in all the semesters completed up to the point in time and substituted in the formula used in the case of CGPA.

• 10.40 Eligibility for the award of the Postgraduate Degree

A student shall be declared to be eligible for the award of the Degree when he/she has fulfilled the following conditions.

- Registered for and undergone all the core/elective and supportive courses and completed the Project Work or field trip, etc., if any as prescribed by the Scheme of Examinations.
- Successfully acquired the required credits under elective and supportive courses as specified in the curriculum of the Program within the stipulated time.
- Has a CGPA of 6.0 or higher.
- Has no dues to the University, Hostel or Library.
- Has no disciplinary action pending against him/her.
- Classification of the student for awarding the degree will be as follows:

Sl. No.	CGPA	Grade Point	Classification
a	>8-10	10 9	First class with distinction
b	7 -7.99	8 7	First class
c	6 -6.99	6	Second class

• 10.50 RESULTS, AWARD& RANK DECLARATION

- Award of Ranks and medals shall be based on final CGPA. However, any student who fails in any semester/passes in more than one attempt/absents from taking exam in the prescribed semester will not be eligible for rank/any award of distinction. Moreover, the candidate should have completed MBA in minimum prescribed number of years (2 Years)

for the award of Ranks.

- b) MBA Hospital Administration / MBA Pharmacy Administration / MBA Information Technology will be awarded at the Convocation for students who have met all the requirements for the award of the said course during the preceding academic year. Students are required to apply for Convocation along with the prescribed fee.

- c) Authority to issue Transcript/Migration Certificate:

The Controller of Examination shall be the Authority for issuing Transcript of marks after remitting the prescribed fee to JSS AHER by the student.

- **10.60 APPEAL FOR REVIEW OF GRADES**

There is no provision for revaluation. Retotaling is permitted upon payment of prescribed fees to the university.

- **11.00 TERMINATION FROM THE PROGRAM**

A Student shall be required to leave the program without the award of the MBA Hospital Administration, Pharmacy administration & Information Technology, under the following circumstances:

- a) If a student fails to earn the degree within prescribed time by JSS AHER.
- b) Based on disciplinary action suggested by the Department or college or JSS AHER.

- **12.00 ADMISSION CANCELLATION**

If at any time after admission, it is found that a student had not in fact fulfilled all the requirements stipulated in the regulations or found to have declared false information at the time of admission or is proved beyond doubt that the student's conduct is detrimental to the interest of the students, hospital environment, college, and society in any form whatsoever, including possible misinformation etc. the JSS AHER will cancel the admission of the student.

- **13.00 REMOVAL OF DIFFICULTY AT THE COMMENCEMENT OF THESE REGULATIONS**

If any difficulty arises while giving effect to the provision of these Regulations, the Vice Chancellor may in extraordinary circumstances, pass such orders as he may deem fit.