

PRAVARA INSTITUTE OF MEDICAL SCIENCES (Deemed University)

RULES AND REGULATIONS

FOR THE MASTER OF BUSINESS ADMINISTRATION IN BIOSCIENCE (M.B.A – Bioscience)

I. General:

These rules and regulations are framed as per the directives by P.I.M.S. – Deemed University.

II. Faculty:

This course will be under The Faculty of Allied Health Sciences.

III. Nomenclature of Degree:

Master Of Business Administration In Bioscience (M.B.A – Bioscience)

IV. Conditions for admission to Master Of Business Administration In Bioscience (M.B.A – Bioscience)

4.1 (a) A Bachelor's Degree in faculty of science (B. Sc) with specialization in (Chemistry, botany, Zoology, biochemistry, microbiology, biotechnology or any branch of life sciences /Agriculture science (B. Sc), Pharmacy(B.Pharmacy), Engineering (Chemical), of any statutory University with **50%** or more marks

Or

A Master's Degree in faculty of science (M. Sc) with specialization in (Chemistry, botany, Zoology, biochemistry, microbiology, biotechnology or any branch of life Sciences /Agriculture science (M. Sc), Pharmacy (M.Pharmacy), Engineering (Chemical), of any statutory University with **50%** or more marks &

(b) Must have completed selection procedure as prescribed by the Pravara Institute of Medical Sciences- Deemed University competent authority from time to time.

4.2 Candidates who have appeared for and are expecting their results on or before 31st May of year of admission, of the respective final qualifying examinations.

4.3 Candidates who satisfy 4.1 and 4.2 are eligible to appear for the All India Common Entrance Test (A.I.C.E.T.).

V. Duration of the Program:

Duration of this program will be two years (four semesters)

VI. Program Objective:

1. To provide the country a steady stream of competent young men and women with necessary knowledge, skills, values and attitudes to occupy positions of management and administration in business, bio industry, and the government.
2. To impart the students latest and relevant knowledge from the field of technology and Management theory and practices.
3. To provide opportunities to the students for developing necessary managerial skills.
4. To impart/ develop the right kind of values and attitude to function effectively in technical and managerial/ administrative positions to develop biobusiness.

VII. Program Structure:

Course Structure for Masters Degree Course in Bioscience Administration SEMESTER – I

Course Code	Subject Title	Exam.	Marks
BSP-101	Organizational Behaviour & PPM	External	100
BSP-102	Basics of Bioscience	External	100
BSP-103	Basics of Biological Processes	External	100
BSP-104	Technology Transfer & cGMP	External	100
BSP-105	Business Policy and Strategic Management	External	100
BSP-106	Marketing Management paper - I	External	100
BSP-107	Managerial Accounting	External	100
BSP-108	Regulatory Affairs Paper - I	External	100

SEMESTER – II

Course Code	Subject Title	Exam.	Marks
BSP-201	Human Resource Management	External	100
BSP-202	Financial Management	External	100
BSP-203	Manufacturing and Operations Management	External	100
BSP-204	Research Methodology and Statistics	External	100
BSP-205	Practical with Industrial Applications	External	100
BSP-206	Marketing Management Paper - II	External	100
BSP-207	Validation of Production facility and process	External	100
BSP-208	Regulatory Affairs Paper - II	External	100

SEMESTER – III

Course code	Subject Title	Exam.	Marks
BSP-301	International Business Management	External	100
BSP-302	Business Leadership & Corporate Social Responsibility	External	100
BSP-303	QA/QC for Biological and Pharma Products	External	100
BSP-304	Managerial Economics	External	100
BSP-305	Marketing Management Paper - III	External	100
BSP-306	Food and Drugs Law	External	100
BSP-307	Regulatory Affairs Paper - III	External	100
BSP-308	Project Report	External	100

SEMESTER – IV

Course code	Subject Title	Exam.	Marks
BSP-401	Crisis Management	External	100
BSP-402	Industrial Safety Management	External	100
BSP-403	Entrepreneurship Development in Bio-business & Project Management	External	100
BSP-404	Management Information System	External	100
BSP-405	Social & Legal Aspects of Bioscience	External	100
BSP-406	Marketing Management Paper - IV	External	100
BSP-407	Import & Export Management	External	100
BSP-408	Regulatory Affairs Paper - IV	External	100

Notes: -

1. In case of subjects for University evaluation, 30% marks are reserved for internal evaluation and 70% marks are reserved for University evaluation. Passing percentage will be 45% for internal and external evaluation separately.
2. After every three years, syllabus will be revised.

(VIII) Number of Lectures-

For external subjects, there shall be maximum 60 lectures of 45 Minutes and 15 lectures for Presentations/Seminars/Group Discussions per semester

(IX) Practical Training and Project Work-

Each student shall have to undergo an industrial practical training for a period of not less than 52 days (excluding holiday) during the vacation at the end of Second Semester. Based on the actual training during the vacation, the student shall write a project report on the topic selected under the guidance of a faculty and submit two copies of the same to the Director of the institute. The project Report shall be assessed both internally (30 marks) and externally (70 marks) .For external evaluation there will be a viva voce at the end of third semester. A panel of two referees appointed by the University shall conduct such viva-voce.

(X) Marks

The papers marked, as “External” in the course structure will be evaluated by the University and carry 100 marks. Out of these 100 marks 70 marks are reserved for University Evaluation based upon comprehensive written examination and 30 marks are reserved for internal evaluation by the individual Institutes. The individual Institute will evaluate the Internal marks of each subject internally and such marks will be communicated to the University at the end of each semester. These marks will be considered for the declaration of the results.

XI) The Internal Evaluation

Distribution of 30 internal marks:

The Internal Theory examination will be conducted for 70 marks and will be Converted in to 20 marks, and the remaining 10 marks will be evaluated for Seminar/ppt & GD

Internal Theory Examination: 20

Seminar/PPT (5 Marks) & GD (5 Marks):10

XII) The Internal Marks of Laboratory Practical:

The Internal marks for Practical will include

Journal - 10 Marks

Internal Practical Exam 20 Marks

Student has to submit 1 copy of journal to institute.

(XIII) Assessment

The final total assessment of the student shall be made in terms of an internal assessment and an external assessment.

- a) The internal and external assessment will constitute separate heads of passing and they will be shown separately in the marks sheet.
- (b) For each paper meant for University evaluation, the ratio of marks for internal assessment in relation to external assessment shall be 30:70
- (c) The external assessment shall be based upon the external written examination to be held at the end of each semester.
- (d) The project Report and viva shall constitute one head of passing.
- (e) The marks awarded by a teacher in the internal evaluation for the papers marked as “External” in the courses structure shall be immediately Communicated to the student. The Institute should communicate internal marks to the students
- (f) Reassessment of Internal Marks –in case of those students who have secured less than passing percentage of marks in the internal evaluation for the paper marked as “ External” in the course structure, the concerned Institute should Administer a separate internal test for these 30 marks in the subsequent semester. The results of such test may be communicated to the University as the Revised Internal marks. If the result of internal test as above results in lower marks should be prevailed. In short, the rule is higher of the two figures of the marks shall be taken into consideration.

(XIV) Examinations

The M.B.A(Bioscience) examination will be held in four semesters. The student will not be allowed to appear for the examination unless his/her attendance is minimum 75%. The student will be allowed to carry maximum backlog of eight (8) heads of passing from any one or more semesters.

Internal Assessment

With reference to the circular No.PIMS/R/2008/336 dated 04-04-2008, the students must secure 50% marks in the Internal Assessment in theory and practical separately in each subject(Wherever applicable) to be eligible to appear for university examinations.

(XV) Standard of passing

Every student must secure 45% marks in both University Evaluation as well as Internal Evaluation.

(XVI) Passing Percentage

There shall be numerical marking for each course. At the time of declaration of the Result, the marks obtained by a student shall be converted into the Class as shown below.

Class	Percentage
Ist Class With Distinction	Aggregate 70% & above
Ist Class	Aggregate 60% & above
Higher Second Class	Aggregate 55% & above
Second Class	Aggregate 50% & above
Pass Class	45%

(Fraction to be rounded up to next higher integer)

(XVII) Transcript for Students

Every student shall be given a transcript, showing the name of the Institution, Name of the candidate's mother, the courses Offered by the student, the date of enrollment in the course, the dates of the examination, the dates of the external examination, and details of marks of internal and external assessment. The transcript will further indicate the rank, if the student secures the rank amongst the first 10 ranks in the entire examination.

(XVIII) Teaching Faculty

Besides full time faculty members, part-time, adjunct and visiting faculty members Should be invited to conduct the professional courses. Visiting faculty should normally Satisfy one of the following criteria:

- (a) Master's degree of a recognized University in a relevant subject.
- (b) Master's degree of recognized University in any faculty with at least two years Professional experience related to the given subject.