

VIKRAM UNIVERSITY, UJJAIN

POST GRADUATE DIPLOMA IN ENVIRONMENTAL BIOLOGY

ORDINANCE NO.44

Rule and regulation for the Post Graduate Diploma in Environmental Biology.

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| 1. | Name of the Course | : | Post Graduate Diploma in Environmental Biology. |
| 2. | Duration | : | The Course shall last for one academic session. |
| 3. | Venue | : | School of Studies in Zoology. Vikram University, Ujjain (M.P.) |
| 4. | Seats | : | There shall be 15 seats in this course out of which 50% seats shall be reserved for sponsored /self financing candidates. Reservation for SC/ST candidates shall be as per M.P. Govt. rules. |
| 5. | Fees | : | As Prescribed by the University from time to time. |
| 6. | Rules of admission | : | The candidates are supposed to have atleast second class Masters degree in any subject of the faculties of Life and Physical Science for admission to this course. A gap is no bar for this purpose. The admission shall be open to interested student from India or abroad. |
| 7. | Course of Studies | : | The course shall consist of 3 papers and one dissertation. There shall be Practical Examination based on the three theory papers. |
| 8. | Scheme of Examination | : | |
| | i. Three theory papers of 100 marks each. | : | -300 marks |
| | ii. Dissertation | : | -100 marks |
| | Dissertation-Viva-Voce | : | -100 marks |
| | iii. Practical Examination based on theory papers. | : | -100 marks |
| | Total | : | -600 marks |

9. Pass Scheme

: To pass the Examination the candidate must secure atleast 20% marks in each paper with an aggregate of 36% marks in all the theory papers. If a student fails in any one paper/dissertation/practical, he will be allowed to appear as an ex-student in the subsequent batch and this facility will be provided only once. If he fails in more than one paper he will have to repeat the entire course with the subsequent batch and under no circumstances more than one chance will be given to a candidate.

10. Remuneration to teachers

: As per University rules.

(Approved by 54th C.C. meeting held on 31-5-96)

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VIKRAM UNIVERSITY UJJAIN

ORDINANCE No.45

M.Sc. in Chemistry of Drugs and Pharmaceuticals

~~Ordinance for running a Master's degree course in School of Studies in Chemistry under the "Self Finance" scheme.~~

1. The ordinance comes into force with immediate effect.
2. The degree of Master of Science shall be abbreviated as "M.Sc. in Industrial Chemistry" and "M.S.C. in Chemistry of Drugs and Pharmaceuticals" and similarly in other subjects when offered.
3. There shall be a departmental advisory committee comprising of Head of the Department Course Coordinators and two senior staff members. The functions of the advisory committee shall be
 - (i) Admission to the courses.
 - (ii) To finalise the last date for admission and issuing of application forms.
 - (iii) Framing the syllabus for the course and examination pattern for putting before board of studies.
 - (iv) Appointment of external examiners for project evaluation.
 - (v) Proposing the fees structure for the approval of executive council.
4. A candidate shall be eligible for admission to the M.Sc. course if he/she holds a bachelors degree with chemistry as one of the subjects with atleast 45% aggregate marks or grade 'C' in seven point scale.
5. The admission to the course shall be made on merit/entrance examination basis subject to the approval of the departmental Advisory committee.
6. Students under reserved categories shall be admitted as per Government rules.
7. Weightage to various categories shall be given as per the decision of Executive council.
8. Application to the course shall be made on a prescribed form on payment of the prescribed fees by the date prescribed by the advisory committee every year.
9. The duration of the course shall be four semesters.
10. The duration of each semester shall be of 15 weeks including 15 days examination and 7 days preparation leave.

11. The syllabus for the course and the examination pattern will be proposed by the departmental advisory committee and forwarded to board of studies for approval.
 12. The setting of question papers and evaluation of the answer books shall be totally internal.
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13. The project shall be evaluated by an external examiner appointed by the departmental advisory committee.
 14. The fees structure will be decided by the departmental advisory committee with the approval of Vice-Chancellor.

SEMESTER - I

Inorganic Chemistry

Organic Chemistry

Physical Chemistry

Mathematics

Computer Science

Industrial Chemistry

SEMESTER - III

Industrial Chemistry-I

Industrial Chemistry-II

Industrial Chemistry-III

Analytical Chemistry-II

SEMESTER - IV

Pollution Monitoring

Industrial Management & Accountancy

Project

SEMESTER - II

Inorganic Chemistry

Organic Chemistry

Physical Chemistry

Analytical Chemistry-I

Chemistry of Drugs...

SEMESTER - III

Chemistry of Drugs-I

Chemistry Drugs-II

Pharmaceutical Chemistry

Analytical Chemistry-II

PROPOSED EXAMINATION SCHEME FOR SELF FINANCING COURSES

The examination pattern shall be as follows :

- (1) There will be theory papers of 100 marks each. Out of 100 marks, 25 marks are for internal assessment.
- (2) Internal assessment will be done by conducting written test/seminar/assignment as decided by the concerned teacher.
- (2) (i) A student failing in internal assessment shall be given an additional test.
- (3) There will be project to be carried out by the student in the forth semester. The project report should not exceed 8000 words.
- (4) Awarding of marks for practicals as per the requirement of the subject will be done by continuous assessment. Minimum passing marks are 20% .
- (5) Minimum pass marks in theory papers will be 40% in aggregate. Separate passing in each theory paper is essential and passing marks are 20% .
- (6) Paper setting and evaluation of the answer books will be internal.
- (6) (i) Where the paper setting is internal the pattern of question papers shall be decided by the departmental Advisory Committee.
- (7) For each subject there will be an exam. coordinator as appointed by the course coordinator. The job of exam coordinator will be :
 - (a) Conducting the theory and practical examination.
 - (b) to recheck the marking and totaling.
 - (c) to tabulate the result for presentation before examination board.
- (8) The examination board will consist of all the paper setters and the head will chair the board.
- (9) A candidate failing in one theory paper will be required to appear in that paper alongwith the theory papers of next semester. He can be given maximum two chances.
- (10) If a candidate fails in more than one theory paper he has to repeat the semester. However, he has to pay full semester fee for availing this facility.
- (11) If a candidate fails in final semester in one subject he will be given a resit examination in that paper only. In case he fails to clear rest exam. he will have to repeat the semester.
- (12) In no case revaluation will be permitted.
- (13) External examiner(s) for project evaluation will be appointed by the advisory committee.
- (14) Visit to atleast 3 factories in III semester is a must before appearing for the theory examination.

M.Sc. in Industrial Chemistry

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Mathematics

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SEMESTER - III

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Chemistry of Drugs...

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Ordinance relating to Examination of Four Year Integrated Degree Course of Bachelor of Pharmacy for the award of the Degree of B.Pharm.

(1) DURATION :

The duration of the course of studies for the Degree of the Bachelor of Pharmacy shall extend over a period of Four Years consisting of four parts :-

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|---------------------|--------------------|
| 1. B.Pharm Part I | 2. B.Pharm Part II |
| 3. B.Pharm Part III | 4. B.Pharm Part IV |

(2) ACADEMIC QUALIFICATIONS FOR ADMISSION :

Every candidate for admission to the Bachelor of Pharmacy (Four Year Integrated Course) shall be required to have passed :-

- (i) 10+2/Pre-University or any other equivalent examination conducted by the Board of Secondary Education, Madhya Pradesh, Bhopal or any other Board/Institute recognized by Vikram University, Ujjain with the subjects English, Physics, Chemistry, Biology or Mathematics.
- (ii) Diploma in Pharmacy Approved by A.I.C.T.E. and P.C.I., after 10+2 conducted by the Board of Technical Education, Bhopal or any other Board/Institute recognized by Vikram University, Ujjain.

The procedure for the admission will be laid down by the State Govt. of Madhya Pradesh/Vikram University, Ujjain.

The Course of Bachelor of Pharmacy is a regular one and hence after admission in B.Pharm. Part I, for subsequent examination the candidate should have attended regular classes for one academic year and having passed in examination previous to one he/she wants to appear in.

(3) COURSES OF STUDY :

The detailed courses of study in each theory paper and practical for the examination shall be prescribed in the syllabus.

(4) SESSIONALS :

30% of the marks for each theory subject and 40% of the marks for each practical shall be allotted for sessionals :-

(i) THEORY : Three sessional Examinations shall be held during the session for each theory paper from which two best answered by the candidate shall be considered for the award of sessional marks.

(ii) PRACTICAL : Marks shall be awarded on the basis of the experiments performed by the student, prior preparation for the experiment, conduct in the laboratory, result of the experiments and day to day completion of the records.

(iii) No improvement will be allowed in sessional marks by re-appearing in the sessional examination.

(5) STANDARD OF PASSING :

In each subject - theory and practical :-

(a) Minimum 40% in sessional and annual examination taken together and 50% in the aggregate of all subjects.

(b) Each theory paper and practical will be treated as separate subject for passing.

CLARIFICATION :

If a candidate fails in B.Pharm. Part I in say, three subjects in the main examination and passes in two subjects in the second examination will be allowed to carry remaining one subject and will be allowed to appear in the main examination of B.Pharm Part II provided he/she appears in the subject in B.Pharm Part I examination also, in which he/she had failed. If the candidate fails in the subject of B.Pharm. Part I class his/her result of B.Pharm. II class will be with-held until he/she passes B.Pharm. Part I class in subsequent examinations, and also will not be admitted to B.Pharm. Part III class. If a candidate becomes eligible for admission to subsequent higher class, in this case in B.Pharm Part III, he/she will normally be admitted when the fresh academic session begins.

If a candidate fails in more than one subjects (Theory / Practical) in the main examination she/he will be eligible to appear in the next subsequent examination in these subjects and will be admitted to next higher class provisionally. If a candidate fails in more than one subject in the second attempt his admission to higher class shall automatically be cancelled. But, if a candidate fails only in one subject in the second attempt he/she will be allowed to carry this subject to the next examination (Third attempt) and will continue his admission in next higher class. If a candidate fails in this one subject in the third attempt also he/she passes the lower class in subsequent attempts. In all cases the sessional marks for the subject concerned shall remain the same as earned by the candidate when he attended the class as regular candidate.

No admission to next class will be given to a candidate who has not cleared this remaining one subject after third or subsequent attempts.

Normally the admission to next higher class shall be allowed when academic session begins.

Candidate who fails to secure 50% marks in the aggregate but have secured 40% marks in all subjects shall be eligible to appear in two theory and one practical of his/her choice out of those subjects only in which he/she failed to secure 50% marks in subsequent examination. Not more than two attempts shall be given for this purpose failing which the candidate shall have to appear in all subjects in subsequent examination of the same class as an ex-student and his/her admission to higher class shall automatically be treated as cancelled.

(6) DIVISION :

The division shall be declared only after B.Pharm. part IV examination and shall be based on the marks obtained by the candidate at his/her successful attempts at the B.Pharm Part I, II, III and IV examinations. There shall be only three divisions as follows :-

Honours Divisions : Not less than 75% in aggregate.

First Division : Not less than 60% in aggregate.

Second Division : Not less than 50% in aggregate.

(7) MEDIUM OF INSTRUCTION AND EXAMINATION :

The medium of instruction and examination shall be English and hence all subjects shall be taught in English and all examination papers be set and answered in English.

(8) THE SUBJECTS TO BE STUDIED IN DIFFERENT PARTS OF B.PHARM :

The students who have passed 10+2/pre-university examination with mathematics will have to study biology and vice-versa in B.Pharm part I.

Each subject has been given a number which indicate the year and the serial of the subject. This should be mentioned always while setting the examination paper. In each subject of study separate passing is necessary.

(9) STUDY TOUR :

For B.Pharm Part III candidates an educational study tour to visit important manufacturing organisations/research institutions is compulsory. All students will have to submit a tour report after the study tour. The marks shall be awarded by the teacher in charge of the study tour. If a student does not go on educational study tour he/she will be awarded 'ZERO' marks. (However, it will not be necessary to secure minimum 40% marks).

(10) PROJECT WORK :

For B.Pharm Part IV candidates a project work is compulsory. The project work shall be in any one of the following four major branches - pharmaceuticals, pharmaceutical chemistry, pharmacognosy and pharmacology. The project shall be made under the supervision and guidance of a faculty member. The marks in the project shall be awarded by the project supervisors of the concerned branch and the average marks for the final award would be worked out.

(11) SCHEDULE OF FEE IS PRESCRIBED AS UNDER :

- (a) Tuition Fees :- As prescribed by the Director of Technical Education Government of M.P. for Pharmacy.
- (b) Annual Examination :- fee of the University will be Rs.500/- and other fees payable to the University will be as per schedule of fees prescribed by the University for the time being in force.
- (c) Other College fees will be payable as per rules.

(12) The matter of attendance will be Governed by the General Examination Ordinance of the University.

(13) Maximum of 3 grace marks shall be given in theory/practical in two subjects only. These marks shall not be added for calculation of the division. The rules regarding the award of 1 Kulpati grace mark shall be governed by the General Examination Ordinance.

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