



## **BANARAS HINDU UNIVERSITY**

### **Ordinances governing**

**M.Sc. / M.Sc. (Tech.) / M.C.A. Degree Programmes**

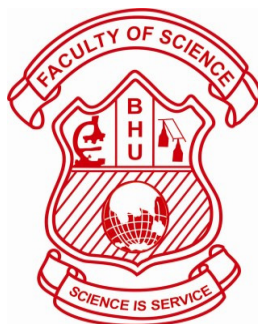
*Offered by*

**FACULTY OF SCIENCE**

*(Effective from 2012-13)*

**(Hon'ble Vice-Chancellor, Chairman, Academic Council &  
Executive Council approved vide his order dated 11.01.2013)**

**(Ref. No. RAc/ Mtg/ AC-14.07.2012/25/1219, dated 18/19.01.2013)**



## Faculty of Science

### Ordinances governing for M. Sc., M. Sc. (Tech.) and M.C.A. Degree Programmes

(Effective from 2012-13)

Under the powers conferred by Section 4A of the Banaras Hindu University Act 1915, as amended, and under the provision of Section 18 of this Act, the University hereby institutes the four semester programme for the degree of Master of Science, M.Sc. in Physics, Chemistry, Zoology, Botany, Computer Science, Geography, Mathematics, Statistics, Home Science, Biochemistry, Molecular & Human Genetics, Petroleum Geosciences, Bioinformatics, Applied Microbiology, Environmental Science, Biotechnology, Actuarial Science, Statistics and Computing, Computational Science and Applications in Signal Processing; and Six semester programme for M.Sc. (Tech.) Geology, M.Sc. (Tech.) Environmental Science and Technology, M.Sc. (Tech.) Geophysics and Master of Computer Applications (M.C.A.); and makes the following ordinances governing admission, course of study, examinations and other matters relating to these Degrees under the Faculty of Science of the Banaras Hindu University.

#### 1. ADMISSION TO THE M.Sc. / M.Sc. (Tech.)/ M.C.A. PROGRAMMES

- (i) (a) Admission to all the M.Sc. M.Sc. (Tech.) and MCA Programs, except for those described below, in the Faculty of Science shall be made on merit in the PET (Post-graduate Entrance Test).
- (b) Admission to M.Sc. Biotechnology shall be made on merit through an All India combined Entrance Examination.
- (ii) (a) Each Post-graduate Department of the Faculty of Science shall have an Admission Committee constituted under Statute (xviii) of the Academic Council consisting of the Head of the Department and two senior members of the teaching staff of the department in station.
- (b) For PG Programmes of Applied Microbiology, Environmental Science and Petroleum Geosciences, the admission committee shall consist of Head of the Department and two senior members of the teaching staff of the department in station. Department with which the programme is associated, two senior members of the teaching staff of the department in station, coordinator of the programme and one senior teacher participating in the programme.
- (c) For Bioinformatics, Environmental Science & Technology, and courses at CIMS, the admission committee shall consist of the coordinator and two senior teachers participating in the programme.
- (iii) For PG Programmes, admission cannot be claimed by any candidate as a matter of right.
- (iv) On his/her selection for admission to M.Sc. /M.Sc. (Tech.)/M.C.A. Programme, the candidate shall, within the time fixed by the University, deposit the tuition and other fees prescribed for the programme. If the candidate fails to deposit the fees within the stipulated time, his/ her selection shall automatically stand cancelled. Such a candidate shall not be admitted to the concerned programme unless a fresh order of selection or extension of date for payment of fees is issued by the University.
- (v) **Foreign Students-** Applications of foreign nationals nominated by the Government of India under scholarship schemes and self-financing Foreign Nationals shall be entertained for the aforesaid programmes. They shall not be subject to the Entrance Test provided they have passed the equivalent qualifying examinations and satisfy the minimum eligibility requirements.

Reservation to the extent of 15% of the number of seats in a programme, on supernumerary basis,

for Foreign Nationals shall be made for admission to each of the various aforementioned programmes in the Faculty/ MMV provided the applications are routed through the office of International Students Advisor, BHU. The International Students Advisor shall get examined the eligibility etc. of each applicant and will issue the eligibility letter to the concerned foreign national, if found eligible. Further, details of the process etc. shall be available from the office of the International Students Advisor, BHU, Varanasi, India.

(v) **Reservations and Weightages:**

The Reservations & Weightages shall be as per University Rules.

**2. M.Sc. /M.Sc. (Tech.)/ M.C.A. DEGREE PROGRAMMES**

(i) The study programmes leading to Master of Science/ Master of Science (Tech.) and Master of Computer Applications degrees of the University shall be conducted by the constituent Departments / Schools/ Centres of the Faculty and shall be of the duration of 4 semesters for M.Sc. and 6 semesters for M.Sc. (Tech.) and MCA. M.Sc. in Bioinformatics will run at MMV.

(ii) A student of the M.Sc./ M.Sc. (Tech.)/ M.C.A. degree programme shall not be permitted to seek admission concurrently to any other fulltime degree or diploma programme in the University or elsewhere unless otherwise provided for in the Ordinances hereinafter defined.

(iii) To qualify for the M.Sc. /M.Sc. (Tech.)/ M.C.A. degree, the candidate must;

- a. satisfy the minimum requirement for entrance test as prescribed hereinafter for the M.Sc./M.Sc. (Tech.)/ M.C.A. Degree Programmes;
- b. attend regular courses of lectures, seminars, sessionals and practicals as may be prescribed for the M.Sc./M.Sc. (Tech.)/M.C.A. Examinations in the relevant prospectus of studies;
- c. pass in the required number of courses taught during the 4 or 6 semesters, as the case may be, to accumulate the stipulated minimum number of credits prescribed for the degree. An Examination shall be held at the end of each semester in various courses taught during that semester. The overall performance in sessionals, practicals and written examinations in the prescribed number of courses shall determine the result of the candidate for the M.Sc./M.Sc. (Tech.)/ M.C.A. Degree in accordance with the rules and regulations prescribed for the purpose.
- d. sessionals shall include regularity in classes, class tests, work done in laboratory, field, library, home- work and seminar relevant to the course, as prescribed by the various Boards of Studies.

Explanation: One odd and one even semester shall comprise one academic year, and the academic year in these ordinances shall mean the year from July to June.

(iv) (a) The students having a minimum attendance of 70% with at least 50% in each subject shall be eligible to appear in the examinations. No relaxation beyond 70% be considered at any case.

(b) The attendance of a newly admitted candidate shall be counted from the date of his/her admission, or date of starting of classes whichever is later while in the case of promoted candidates, attendance shall be counted from the date on which respective class begins. However, in case of promotion after declaration of results of supplementary examination (if any), the attendance will be counted from the date of admission in the respective case.

(c) There shall be an Attendance Monitoring Committee in the Faculty/MMV under the Chairmanship of the Dean/Principal.

**3. ADMISSION AND ENTRANCE TEST QUALIFICATIONS**

- (i) The minimum eligibility conditions for admission to various' Master's Degree programmes shall be as under +:

- (a) **For M.Sc. in Physics, Chemistry, Zoology, Botany, Computer Science@, Geography\*\*, Mathematics\*\*, Statistics\*\*, Home Science\*\*, and M.Sc. (Tech.) Geology**

**(3 Year: 6 Semesters programme)**

B.Sc. (Hons.)/B.Sc. under 10+2+3 pattern/ or an equivalent examination recognized by Banaras Hindu University, securing a minimum of 50% marks in the aggregate in Science subjects (considering all the three years of B.Sc. programme). The subject in which admission is sought must be an Honours Subject at B.Sc. (Hons.) Level/subject studied in all the three years at graduate level. However, for admission to M.Sc. in Botany/Zoology, a candidate must also have offered Chemistry as one of the subjects at the graduate level at least for two years.

+ A candidate studying in or having qualified for a Degree in a General Course of study from BHU or any other University/Institution shall be entitled to appear in the Entrance Test for, and admission to, the next higher Course/Degree in that line or to a Professional Course only. Further a candidate admitted to, or having qualified for a Degree in any Professional Course from BHU or any other University/Institution shall be entitled to appear in the Entrance Test for, and admission to, the next higher Course/Degree only in the same professional discipline. However, a candidate studying in or having qualified for B.Ed./ B.Ed. Special/ M.Ed./ M.Ed. Special is exempted from this clause. This clause will also not be applicable for M.Sc./ M.Sc. (Tech.) in Bioinformatics, Biotechnology, Environmental Science, Environmental Science and Technology and Applied Microbiology.

Furthermore, a candidate who is registered for/already awarded, doctoral Degree from institution in India shall not be entitled to appear in any of the Entrance Tests held for any Course in the University.

*\*\*B.Sc (Hons.) / B.A. (Hons.) or B.Sc./ B.A. under 10+2+3 pattern, securing a minimum of 50% marks in the aggregate (considering all the three years of B.Sc./B.A. programme). The subject (Mathematics/ Statistics/ Geography/Home Science) in which admission is sought must be an Honours Subject at B.Sc. (Hons.)/ B.A. (Hons.) level/ subject studied in all the three years at graduate level. For M.Sc. in Statistics, the candidate should also have studied Mathematics as one of the subjects at graduate level at least for two years.*

*@ A candidate must have qualified in Computer Science/ must have studied the subject (Computer Science) in all the three years. Those who have qualified in other subjects such as Computer Applications, Information Technology, etc. are not eligible.*

- (b) M. Sc. in Biochemistry**

**(2 Year: 4 Semesters programme)**

B.Sc. (Hons.) in Biochemistry/B.Sc. under 10+2+3 pattern with Biochemistry as a subject in all the three years of graduation programme, securing a minimum of 50% marks in the aggregate in Science subjects (considering all the three years of B.Sc. Course).

OR

B.Sc. (Hons.) in Chemistry/ Botany/ Zoology/ B.Sc. under 10+2+3 pattern with Chemistry as a subject in all the three years of B.Sc. programme securing a minimum of 50% marks in the aggregate in Science subjects (considering all the three years of B.Sc. programme). In addition the candidate must also have studied any two of the following subjects, viz., Biochemistry, Botany,

Zoology, Mathematics, Physics, Geology, Physiology, Microbiology, Biotechnology and Industrial Microbiology at least for two years at the Graduate level.

**(c) M.Sc. (Tech.) in Geophysics (3 Year: 6 Semesters programme)**

B.Sc. (Hons.)/ B. Sc. under 10+2+3 pattern securing a minimum of 50% marks in the aggregate in Science subjects (considering all the three years of B.Sc. programme) with Physics, Mathematic and one more Science subject.

**(d) M.Sc. in Biotechnology (2 Year: 4 Semesters programme)**

Bachelor's degree under 10+2+3 pattern of education in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering/Technology, 4-years B.Sc. (Physician Assistant Course); or Medicine (M.B.B.S.) or B.D.S. with at least 55% marks at the Graduate level.

**(e) M.Sc. in Molecular and Human Genetics (2 Year: 4 Semesters programme)**

B.Sc. (Hons.)/ B.Sc. (10+2+3) or B.Sc. (Ag.) or M.B.B.S. or B.Tech./ B.E. (in Biology related disciplines) or B. Pharma from recognized University/ Institute with minimum of 55% marks (or equivalent grade points) at the qualifying examinations and not less than 55% marks at 10 & at 10+2 examinations separately.

**(f) M.Sc. in Environmental Science (Special Course) (2 Year: 4 Semesters programme)**

B.Sc. (Hons.)/ B.Sc. (10+2+3) with a minimum of 50% marks or equivalent GPA shall be considered eligible for admission to M.Sc. Course in Environmental Science.

**(g) M.Sc. in Applied Microbiology (Special Course) (2 Year: 4 Semesters programme)**

B.Sc. (Hons.)/ B.Sc. with 10+2+3 pattern with any two of the following subjects: Botany, Zoology, Biotechnology, Microbiology, Chemistry, Industrial Microbiology, Life Sciences and Environmental Science & Secured at least 50% marks in aggregate.

**(h) M.C.A. (3 Year: 6 Semesters programme)**

Bachelor's degree under 10+2+3 pattern in any discipline with a minimum of 50% marks in the aggregate, with Mathematics as one of the subjects at either Intermediate or +2 (10+2) or equivalent examination, or Bachelor's level (as a main or a subsidiary subject).

**(i) M.Sc. in Bioinformatics (for women candidates in MMV) (2 Year: 4 Semesters programme)**

(A) 10+2 with Science and (B) Bachelor's degree under 10+2+3 pattern in Science/ Engineering/ Technology/ Agriculture/ Medicine/ Veterinary Science/ Pharmaceutics with at least 50% marks in aggregate.

**(j) M.Sc. in Petroleum Geosciences (Special Course) (2 Year: 4 Semesters programme)**

B.Sc. (Hons.) Geology or B.Sc. with Geology in all the three years under 10+2+3 pattern with Physics and Mathematics at + 2 level. A minimum of 50% marks in aggregate at the graduate level is essential.

**(k) M.Sc. (Tech.) in Environmental Science & Technology (Special Course)**

**(3 Year: 6 Semesters programme)**

Passed B.Sc. (Hons.)/ B.Sc. (10+2+3) or B.Sc. (Ag.) or MBBS or BE/ B.Tech. with a minimum of 50% marks (equivalent GPA) with a minimum 50% in aggregate at 10 & 10 +2 levels.

**(l) M.Sc. in Actuarial Science (Special Course) (2 Year : 4 Semesters programme)**

Any graduate under 10+2+3 pattern securing minimum 50% marks in aggregate and having Mathematics as one of the subject at the 10+2/ Intermediate level.

**(m) M.Sc. in Statistics and Computing (Special Course) (2 Year : 4 Semesters programme)**

Any science graduate under 10+2+3 pattern securing minimum 50% marks in aggregate and having Statistics as one of the subject at the UG level.

**(n) M.Sc. in Computational Science and Applications in Signal Processing (Special Course)**

**(2 Year : 4 Semesters programme)**

(A) B.Sc. (Hons.)/ B.Sc. under at least 10+2+3 pattern securing minimum 50% marks in aggregate in science subjects (considering all the three years of B.Sc. (Hons.) and (B) candidate must have offered Physics/ Electronics/ Computer Science as one of the subject at the UG level with Mathematics/ Statistics.

**OR**

B.Tech./ B.E. (in Electronics/ Communication/ Electrical/ Computer/ Instrumentation related discipline) securing minimum 65% marks in aggregate in engineering and science subject (considering all four/ five years of course).

**Note:** Degrees like Bachelor in Computer Application (BCA), Bachelor in Information Technology (B-IT), etc. are not eligible.

- (ii) Candidates selected for admission to the concerned PG programme of study shall submit the following certificates:
- (a) Transfer certificate from the University/ Institute last attended indicating that he/she has passed qualifying examination from another University;
  - (b) Certificate of character from the Principal of the College last attended.
- (iii) If the Head of the Department concerned is satisfied that there are genuine difficulties in the production of the above certificates he/she shall, at the request of the candidate, give him/her time to submit the above certificates within a period as prescribed by the University. In case he/she is unable to do so, his/her admission shall be cancelled.

**4. INTER-UNIVERSITY ORDINANCES**

The admission rules in the faculty for inter -university members shall be as per University ordinances.

## 5. SCALE OF TUITION AND OTHER FEES

(i) All regular candidates to be admitted for the M.Sc., M.Sc. (Tech) and M.C.A. programmes shall pay the following fees per Academic Year:

	<b>M.Sc/ M.Sc. (Tech)</b>	<b>M.C.A.</b>	<b>M.Sc. Bioinformatics</b>
Tuition Fee	250.00	2500.00	250.00
Faculty/Institute Development Fund	1000.00	1000.00	3250.00
Lab Fee & Development Fund*	1000.00	3500.00	3500.00
Academic Assessment#	250.00	250.00	700.00
Library Fee & Development Fund	200.00	2500.00	2500.00
Computer & Internet Facility	100.00	100.00	500.00
Student's Health Welfare	300.00	300.00	300.00
Extra Curriculum Activity Fund	250.00	250.00	250.00
Border's/Delegacy Union Fee	10.00	10.00	10.00
Student's Union Fee	10.00	10.00	10.00
Student's Welfare Fund	100.00	100.00	1000.00
<b>Total</b>	<b>3470.00</b>	<b>10520.00</b>	<b>12270.00</b>
Admission	50.00	50.00	50.00
Enrolment	50.00	50.00	50.00
Identity Card & Passbook	26.00	26.00	26.00
Alumni Activity Fund	50.00	50.00	50.00
Degree Charges	100.00	100.00	100.00
Training & Placement^	250.00	500.00	1500.00
Library Caution Money	500.00	500.00	500.00
<b>Total</b>	<b>1026.00</b>	<b>1276.00</b>	<b>2276.00</b>
<b>Grand Total</b>	<b>4496.00</b>	<b>11796.00</b>	<b>14546.00</b>

^M.Sc. (Rs. 500/- for Computer Science)

**Note:** (A) Fee for Supplementary Examination Rs. 50/- per paper (Rs. 12/- 'R' A/c + Rs. 38/- 'Development Fund')

(B) Cyber hut membership fee @ Rs. 200/- per annum. (Only for M.Sc. Bioinformatics, MMV)

<b>Hostel Fee</b>	<b>Indian Nationals</b>	<b>Foreign nationals</b>
Hostel Rent*	160.00	300.00
Fan Fee	200.00	200.00
Hostel Development & Maintenance Fee (HDMF)	2000.00	2400.00
Mess Caution Money	800.00	1000.00
Fan Caution Money	1000.00	1000.00
Hostel Annual Maintenance Fee	0.00	0.00
Hostel Establishment Charges	0.00	0.00
Hostel Development Charges	0.00	0.00
I.H. Annual Maintenance Fund	0.00	2400.00
<b>Total</b>	<b>4160.00</b>	<b>7300.00</b>

\* Rs. 500/- will be charged from four Hostellers (viz. Triveni, Sardar Patel, Atreya and Sukanya) separately.

**Note:**

- The above fees may be revised by the Academic Council from time to time.
- The fees for Special Courses shall be charged as decided by the Academic Council from time to time.

## 6. SYSTEM OF EXAMINATION

1. The examinations of M.Sc./M.Sc.(Tech.)/ M.C.A. Programmes in the Faculty of Science shall be conducted ordinarily in November/April or on such dates as may be fixed by the Departments as per the University schedule.
2. The academic performance of a candidate shall be evaluated in respect of the courses of study prescribed for each semester of the concerned PG Programme through the examinations held in that semester.
3. The Credit System-

Each course shall have a specified number of credits. These credits describe the weightages of the concerned courses. The number of credits that a student has satisfactorily completed measures the performance of the student. Satisfactory progress of a student is subject to his/ her maintaining a minimum Cumulative Grade Point Average (CGPA). A certain minimum number of credits as specified in the syllabus must be earned by the student to qualify for the degree.

## **7. COURSE STRUCTURE FOR THE M.SC. / M.SC. (TECH.)/ M.C.A. DEGREE**

### ***A. Categories of Courses:***

There shall be three categories of courses:

- (a) Core Courses
- (b) Major Electives (Specialization, if desired)
- (c) Minor Electives

The minimum credit requirement for the two-year M.Sc. Degree in the Faculty of Science shall be 80 credits and for a 3-year degree it shall be 120 credits. The three types of courses shall have the distribution of credits as given below:

	For Two-Year Degree (M.Sc.) Programmes	Credits
(i)	Core Courses and Major Electives (specialization)	76
(ii)	Minor Electives (From other Departments/ PG Programmes within the Faculty)	04

	For Three-Year Degree (M.Sc. Tech / MCA) Programmes	Credits
(i)	Core Courses and Major Electives (specialization)	114
(ii)	Minor Electives (From other Departments/ PG Programmes within the Faculty)	06

**Note:** The option of the minor electives shall be exercised by the student at the beginning of the first semester and major elective as decided by the departments concerned.

### ***B. Minor Elective Courses:***

- (i) For two years M.Sc courses in each of IInd and IIIrd Semesters, the student shall offer one course of 2 credits each as 'minor elective' from any department/ PG programme other than his / her department/ PG. Programme subject to the conditions described in clause 7.A.
- (ii) For three years M.Sc Tech/ MCA courses in each of IInd , IIIrd and IV<sup>th</sup> Semesters, the student shall offer one course of 2 credits each as 'minor elective' from any department/ PG programme other than his / her department/ PG. Programme subject to the conditions described in clause 7.A.
- (iii) Minor Elective courses will be allotted on basis of PET merit by a Committee at the Faculty level.

### ***C. Assignments of Credits:***



Credits of a course shall be assigned in the following manner:

- (a) For all theory (Lecture) courses one credit shall be assigned for one-hour lecture per week in a semester.
- (b) Two laboratory hours per week in a semester shall be assigned one credit.
- (c) Credits shall be in whole numbers. As far as possible, each theory course shall be of 2 Credits (minimum), while each laboratory course shall be of minimum 2 Credits.

**8. The Performance of a candidate in a semester or upto a semester shall be measured by SGPA and CGPA, details of which are given below:**

SGPA: Semester Grade Point Average.

CGPA: Cumulative Grade Point Average.

Calculation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

$$(i). \text{ SGPA} = \frac{\sum_{i=1}^n C_i \cdot P_i}{\sum_{i=1}^n C_i}$$

where,  $C_i$  = Number of credits assigned for the  $i$ th course of a semester for which SGPA is to be calculated.

$P_i$  = Grade point earned in the  $i$ th course.

$i = 1, \dots, n$ , represent the number of courses in which a student is registered in the concerned semester.

**Note:** For calculation of SGPA and CGPA, credits of compulsory and optional courses shall not be taken into account.

$$(ii). \text{ CGPA} = \frac{\sum_{j=1}^m C_j \cdot P_j}{\sum_{j=1}^m C_j}$$

where,  $C_j$  = Number of credits assigned for the  $j$ th course, up to the semester for which CGPA is to be calculated.

$P_j$  = Grade point earned in  $j$ th course.

$j = 1, \dots, m$ ; represent the number of courses in which a student was registered up to the semester for which CGPA is to be calculated.

(A) Grading System: The grading system, as detailed hereunder in Table 1 shall be applicable for each course:

**Table - 1****Award of Grades Based on Absolute Marks**

<b>Marks Range (Out of 100)</b>	<b>Grade</b>	<b>Grade Point</b>
90 -100	S	10
80 - 89	A	9
70 - 79	B	8
60 - 69	C	7
50 - 59	D	6
40 - 49	E	5
Passed with Grace	P	4
00 - 39	F	0
Non-appearance in examination (Incomplete)	I	0
Incomplete Project / Dissertation / Training	X	0

**Explanation**

Latter grades S, A, B, C, D, E and P in a course mean that the candidate has passed that course.

The F grade denotes poor performance, i.e., failing in the course. A student has to appear at subsequent examination(s), if provided under the ordinances in all courses in which he/she obtains "F" grade, until a passing grade is obtained.

The I Grade: The "I" Grade is awarded, when a student does not appear in the examination of course/courses. This shall be treated as "F" Grade.

The X Grade: An "X" Grade is awarded to a student if he/ she does not complete Project/ Dissertation/ Training. This will be converted to a regular grade on the completion of the Project/ Dissertation/ Training Work and its evaluation. The "X" Grade shall be treated as "F" Grade.

(B) Grace Rule: Tabulators shall award grace marks as per the following guidelines:

- 1) A student who fails in not more than 3 theory courses by total marks of not more than  $\frac{1}{2}$  the number of total theory courses of the semester (any fraction is rounded off to the next higher number), shall be awarded grade "P" (in place of grade "F") of Grade Point 4 in the concerned courses.
- 2) Grace mark will not be awarded for making up shortfall in minimum SGPA/CGPA or improving the grade.

C. The conversion formula for converting CGPA (Y) to the corresponding percentage of marks (X):  
**X=10Y.**

**CONFIDENTIAL CLAUSE****9. EXAMINATION SYSTEM:**

Each theory/ practical/ seminar/ field work/ project/ dissertation course shall be of 100 marks. For evaluation, the overall structure of the distribution of marks in a course shall be such that 30 marks are allotted to various sessional assessments during the semester, while 70 marks shall be allotted for the end semester examinations. If more than one teacher is teaching a course, one of them should be appointed as the Coordinator of the course, and all the teachers must participate in the process of evaluation.

**(i). The scheme of assessment during the semester (for 30 marks):**

- (a) The assessment (sessional) in theory courses shall comprise a class test of 1 hour duration for 25 marks and 05 marks for regularity.

The 30 marks of sessional for courses of Laboratory exercises shall be based on completion of the laboratory exercises in due course of time/ keeping up of practical record book/ punctuality in the class/ viva to the practicals/ any other relevant judgment.

- (b) At the discretion of the concerned Head/Coordinator, a student who could not appear in the internal test(s) already conducted on account of some cogent reasons, such as late admission, illness etc., may be allowed to appear in test held for such students. No student will be allowed to appear in the test twice.
- (c) The class tests shall be conducted by the teacher (or group of teachers) teaching the course and the marks shall be displayed on the Notice Board. The evaluated test copies will be shown to the students. The tests will be conducted in the **middle of each semester**.
- (d) The marks of the class test shall be sent to the Controller of Examinations along with the marks of end semester examination.
- (e) Sessional marks of a course shall be carried over for failed students in the course.
- (f) There shall not be any sessional marks for courses which involve Seminars/ Field work/ Project work/ Dissertation.

**(ii) End Semester Examination and evaluation (for 70 marks):**

- (a) The question papers shall be set and the answer-scripts shall be evaluated by the teachers of the concerned courses. If there is more than one teacher teaching the course, the question paper shall ordinarily be set and evaluated by a teacher of the group in consultation with other participating teachers, appointed by the Board of Examiners.
- (b) Marks of the end-semester examination will be displayed after evaluation on the Departmental Notice Board by the concerned teacher within 15 days of the last examination of the semester with information to the Dean through the Head. The students may see their answer-scripts within one week from the date of display of the marks on the Notice-board. Thereafter, all the answer-scripts alongwith the statement of marks shall be sent by the examiner to the Office of the Controller of Examinations within one week for declaration of the results with a copy to the Head of Department concerned.
- (c) In case of any objection by a student regarding the evaluation of an answer-script in the semester examination, the student may apply for re-evaluation to the Head. The application for such re-evaluation must be made within one month for odd semester examinations and two months for even semester examinations from the date of display of the marks on the Notice Board. The re-evaluation shall be done by a panel of two teachers nominated by the Head, whose decision shall be final.
- (d) In cases of practical examination and project/ dissertation evaluation, external examiner may be appointed if and where considered necessary.
- (e) There shall be no provision for re-evaluation in practical/ project work / dissertation examination.

**(iii) Admit Card (for End Semester Examinations):**

A candidate may not be admitted into examination room unless he/she produces his/her admit card to the officer conducting the examination or satisfies such officer that it will be subsequently produced.

The Controller of Examinations may, if satisfied that an examinee's admit card has been lost or destroyed, grant duplicate admit card on payment of a further fee of Rs. 10/-

## **10. PROMOTION RULES AND SUPPLEMENTARY EXAMINATION**

### **1. 2-YEAR M.Sc. (FOUR SEMESTER) PROGRAMMES**

There shall be no supplementary examination for 1<sup>st</sup> & 2<sup>nd</sup> semesters. However, there shall be supplementary examination for 3<sup>rd</sup> & 4<sup>th</sup> semesters after declaration of the results of 4<sup>th</sup> Semester. Students failing in courses of 3<sup>rd</sup> & 4<sup>th</sup> semesters may appear in supplementary examination(s) or subsequent main examination(s).

#### **(A) First Semester Course & Examination:**

The candidates who have taken admission in the 1<sup>st</sup> Semester of a 2-year M.Sc. programme in a session can be put in the following two categories on the basis of their attendance in the Semester:

- I. (i) Those who have put in the required minimum percentage of attendance for appearing in the 1<sup>st</sup> Semester Examination and filled up the examination form in time for appearing at the 1<sup>st</sup> Semester Examination.
- (ii) Those who did not put in the required minimum percentage of attendance for appearing at the 1<sup>st</sup> Semester Examination or did not fill up examination form in time for appearing at the 1<sup>st</sup> Semester Examination.

Candidates under Category I (i) are eligible for appearing at the examination of 1<sup>st</sup> Semester, while candidates under Category. I (ii) are not allowed to appear at the examination of the Semester. However, category I (ii) candidates are allowed to reappear at the Post-graduate Entrance Test (PET) of subsequent year(s) for seeking admission afresh. This implies that no readmission is permissible to those who do not put in the required percentage of attendance for taking the examination or did not submit the examination form in time.

- II. After appearing at the Examination of 1<sup>st</sup> Semester the candidates can be put in the following categories in the context of declaration of the results of the 1<sup>st</sup> Semester Examination:
  - (i) Passed, i.e., those who have passed in examinations of all courses of the Semester.
  - (ii) Promoted, i.e., those who have not passed in examinations of all the courses of the Semester.
  - (iii) Minimum passing grade – Grade 'E' for each course. However, candidates with grade 'P' in a course shall also be considered as passed in that course.
  - (iv) Promotion to 2<sup>nd</sup> Semester:

All students who have put in the minimum percentage of attendance in 1<sup>st</sup> Semester and filled up the examination form in time shall be promoted to the 2<sup>nd</sup> Semester.

#### **(B) Second Semester Course & Examination:**

As in the 1<sup>st</sup> Semester, in all subsequent Semesters, all the candidates who have put in the minimum percentage of attendance for appearing at the Examination and have filled in the examination form in time for appearing at the End Semester Examination shall be allowed to appear at the respective examinations. However, students who have not put in the minimum percentage of attendance or did not fill up the Examination form in time in Semester shall be allowed to take re-admission in that Semester on the subsequent session only (**except in the First Semester where re-admission is not permitted**).

**(C) Declaration of results after 2<sup>nd</sup> Semester (based on the results of 1<sup>st</sup> and 2<sup>nd</sup> Semester Examinations):**

After declaration of results of the 1<sup>st</sup> & 2<sup>nd</sup> Semesters, a candidate can be put in the following categories:

- (i) Passed: A candidate who has passed in examinations of all the courses of the 1<sup>st</sup> & 2<sup>nd</sup> Semesters.
- (ii) Promoted: A student, who has not passed in all the courses of either 1<sup>st</sup> or 2<sup>nd</sup> semester or both, shall be promoted to the 3<sup>rd</sup> semester if he/she has obtained at least 4.0 CGPA. All such students shall have the option to clear the courses, in which they had failed, in the subsequent available examination(s) of the concerned semester as ex-students.
- (iii) Failed: A candidate who has failed in one or more courses or failed to appear at any of the examinations of 1<sup>st</sup> & 2<sup>nd</sup> Semesters taken together, and has obtained less than 4.0 CGPA shall be treated as failed.

**Note:** There shall be no supplementary examination for the courses of 1<sup>st</sup> & 2<sup>nd</sup> semesters.

**(D) Promotion to the Third Semester:**

- (i) A candidate who comes under the category 'Passed or Promoted' is eligible to be promoted to the third Semester, if otherwise eligible.
- (ii) Failed candidates shall not be promoted to the 3<sup>rd</sup> Semester. However, they shall be promoted to the third semester when they become eligible to come under the category of either 'Passed' or 'Promoted' as explained above after passing the failed courses in the subsequent available examination(s) as ex-students.

**(E) Promotion to the Fourth Semester:**

All students who have put in the minimum percentage of attendance in 3<sup>rd</sup> Semester and filled in the examination form in time shall be promoted to the 4<sup>th</sup> Semester.

**(F) Declaration of Results after Fourth Semester (Based on the results of the Ist, II<sup>nd</sup>, III<sup>rd</sup> and IV<sup>th</sup> Semester Examination):**

After declaration of results of 3<sup>rd</sup> & 4<sup>th</sup> Semesters, a candidate can be put in the following two categories:

- (i) Passed: A candidate who has passed in all the courses of 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> Semesters and obtained at least CGPA of 5.0.
- (ii) Failed: All those students who have not "Passed" shall be categorized as "Failed".

Such failed students may clear their failed courses in subsequent examinations as ex-students. There shall be a provision of supplementary examinations for 3<sup>rd</sup> & 4<sup>th</sup> Semesters after declaration of results of

4<sup>th</sup> Semester. Students failing in courses of 3<sup>rd</sup> & 4<sup>th</sup> Semesters may appear in the supplementary examination or subsequent main examination(s).

A student who has failed in a course shall get two more chances to clear this course subject to the maximum duration for passing the course. Further, each candidate shall have to clear all the courses within the maximum period of 4 years from the date of his/her latest admission.

**(G) Maximum duration for passing the two years PG Programme:**

The maximum duration for passing the 2-years PG programme shall be 4 years, which shall be counted from the year of latest admission in the 1<sup>st</sup> semester of the PG programme. No student shall be allowed to take further admission in the programme after the expiry of four years.

**(H) Deposition of Fees:**

All students eligible for promotion to 3<sup>rd</sup> semester shall deposit the requisite fee for semesters 3 & 4 (Second academic year) within the time prescribed by the University.

**2. 3-Year M.Sc. (Tech.) and MCA Programmes**

Rules for promotion up to the 4<sup>th</sup> semester shall be the same as those for the 2-year M.Sc. Programme of the Faculty. However, there shall be no supplementary examination for 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> semesters. But there shall be supplementary examination for 5<sup>th</sup> & 6<sup>th</sup> semesters after declaration of the results of the VI<sup>th</sup> Semester. Students failing in courses of 5<sup>th</sup> and/ or 6<sup>th</sup> semesters may appear in supplementary examination(s) or subsequent main examination(s).

**(a) Promotion to the 5<sup>th</sup> Semester**

A student who passes in all the courses of 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> semesters shall be promoted to the 5<sup>th</sup> semester.

A student who has not passed in all the courses of the above examinations shall also be promoted to the 5<sup>th</sup> semester if his/ her CGPA (up to the 4<sup>th</sup> semester) is at least 4.0.

Students not securing atleast 4.0 CGPA up to the 4<sup>th</sup> Semester will be treated as failed and such failed students will not be promoted to 5<sup>th</sup> Semester until they obtain at least 4.0 CGPA up to the 4<sup>th</sup> Semester after passing all/ some failed courses in the subsequent- available examination(s) as ex-students.

**(b) Promotion to the 6<sup>th</sup> Semester**

A student who has put in at least the required minimum percentage of attendance in the 5<sup>th</sup> Semester and has filled up the examination form in time shall be promoted to the 6<sup>th</sup> semester.

**(c) Declaration of Results after the 6<sup>th</sup> Semester:**

After declaration of results of 5<sup>th</sup> & 6<sup>th</sup> Semesters, a candidate can be put in the following two categories:

- (i) Passed: A candidate who has passed in all the courses of 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> & 6<sup>th</sup> Semesters and obtained at least CGPA of 5.0.
- (ii) Failed: All those students who have not "Passed" shall be categorized as "Failed".

Such failed students may clear their failed courses in subsequent examinations as ex-students. There shall be a provision of supplementary examinations for 5<sup>th</sup> & 6<sup>th</sup> Semesters after declaration of results of 6<sup>th</sup> Semester. Students failing in courses of 5<sup>th</sup> & 6<sup>th</sup> Semesters may appear in the supplementary examination or subsequent main examination(s).

A student who has failed in a course shall get two more chances to clear this course subject to the maximum duration for passing the course. Further, each candidate shall have to clear all the courses within the maximum period of 6 years from the date of his/her latest admission.

**(d) Maximum Duration:**

Maximum duration for passing of the 3-years PG programme shall be 6 years, which shall be counted from the year of the latest admission in the 1<sup>st</sup> semester of the programme. No student shall be allowed to take further admission in the programme after the expiry of the six years.

**11. FURTHER CLARIFICATION**

A student who is promoted to a higher semester or readmitted to a semester due to shortage of attendance shall be required to study the same syllabus as being taught in that year.

**12. SYLLABUS**

The syllabi for the various PG programmes shall be framed by the Department/ School concerned.

**13. RANKING TO THE CANDIDATES**

Ranking shall be given to only those candidates who pass all the courses of the programme in one attempt.

Notwithstanding any provision in the ordinances to the contrary, the following category of examinees is also eligible for ranking:

The student who, having been duly admitted to a regular examination of the programme, was unable to take that examination in full or in part due to some disruption of examination, and took the next following examination of that programme and passed the course(s).

The marks obtained by him/her at the examination shall be considered as the basis for the University Ranking, Scholarships and other distinctions.

In order to get the benefit of this provision, the student should claim that he/she is eligible for this benefit and get a decision in writing after proving his/her eligibility therefore.

**14. RE-ADMISSION TO THE PROGRAMME/SEMESTER**

A student who does not put in at least the minimum percentage of attendance required in the 1<sup>st</sup> semester shall not be promoted to the higher semesters. However, such students can take fresh admission in the PG programme after appearing in the PET of Faculty of Science and being eligible for admission in the course on the basis of result of the PET of the concerned year.

All such students of 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> or 6<sup>th</sup> semesters who have not put in the required minimum percentage of attendance or not filled in the examination form in time shall have the option to be re-admitted in the concerned semester available in the subsequent year(s). No student who has been promoted to the 2<sup>nd</sup> or higher semester and continues to be a student shall be allowed to reappear in the PET of the same programme for taking fresh admission in the programme.

**15. BREAK IN THE COURSE**

Any student taking admission in any of the M.Sc./ M.Sc. (Tech.)/ MCA programmes of the Faculty shall

not be allowed to pursue any other full time programme/ course in the Faculty or elsewhere in the entire period of the programme meaning thereby that if a student leaves the programme after passing some of the semesters/ courses and takes up a full-time programme/ course elsewhere, then he/she shall not be allowed to continue the programme further in the Faculty.

**DEFINITION**

1. A 'Regular Student' is one who has pursued a regular programme of study and obtained prescribed attendance mentioned in the ordinances and is eligible to appear in the examination.
2. 'Ex-student' means one who has studied in the Faculty/MMV for at least one semester preceding the date of the examination and had filled up the examination form but failed or had failed to appear in the examination, though otherwise eligible.

**Note:** Academic calendar for the odd and even semesters shall be notified (by the University) at the beginning of every academic year.