

GONDWANA UNIVERSITY GADCHIROLI

FACULTY OF SCIENCE

DIRECTION NO. 112 of 2012

DIRECTION RELATING TO THE EXAMINATION LEADING TO THE DEGREE OF

विज्ञान पारंगत (MASTER OF SCIENCE) -SEMESTER PATTERN WITH CREDIT GRADE SYSTEM

(Issued under Section 14(8) of the Maharashtra Universities Act, 1994)

WHEREAS, Maharashtra Universities Act, 1994 (Hereinafter referred to as Act) has come into force from 22nd July, 1994 and was amended from time to time,

AND

WHEREAS, the University Grants Commission, New Delhi vide letter No.D.O.No.F-2/2008/ (XI Plan), dated 31 January 2008 regarding new initiatives under the XI Plan – Academic reforms in the University has suggested for improving quality of higher education and to initiate the academic reform at the earliest,

AND

WHEREAS, the Board of Studies in all the Science subjects in their meeting held during 23/04/12 prepared the syllabi and scheme of the examination for the M.Sc. degree course and recommended for starting of the Credit Grade Semester pattern in Faculty of Science from the academic session 2012-13,

AND

WHEREAS in the Faculty of Science in its meeting held on 02.05.12 considered and approves the recommendation of board of studies regarding the syllabi and the scheme of examination passed by the respective board of studies for the award for विज्ञान पारंगत Master of Science degree in the Faculty of Science.

AND

WHEREAS, the Dean, Faculty of Science has consented to the syllabi and the scheme of examination for the award of विज्ञान पारंगत M.Sc. degree in Science,

AND

WHEREAS, the Academic council in its meeting held on 09.05.12 considered and approved the recommendations of Faculty of Science for introducing Credit Grade Semester pattern for award of विज्ञान पारंगत Master of Science Degree in the Faculty of Science.

AND

WHEREAS, ordinance making is a time consuming process, therefore, I, Dr. V.S. Ainchwar, Vice Chancellor Gondwana University, Gadchiroli in exercise of powers vested conferred upon me Section 14(8) of the Maharashtra University Act 1994 , do hereby issue the following Direction.

1. This Direction may be called "Direction relating to examinations leading to the Degree of विज्ञान पारंगत **Master of Science in the Faculty of Science** (Credit Grade Semester Pattern).
2. The direction shall come into force from the date of its issue by Hon'ble Vice Chancellor and shall remain in force till the relevant ordinance comes into being in accordance with the provisions of the Act.
3. The duration of the M.Sc. course shall be of two academic years consisting of four semester with University examination at the end of each semester namely:
 - a) विज्ञान पारंगत [M.Sc. Semester I Exam]
 - b) विज्ञान पारंगत [M.Sc. Semester II Exam]
 - c) विज्ञान पारंगत [M.Sc. Semester III Exam]
 - d) विज्ञान पारंगत [M.Sc. Semester IV Exam]
4. The examination shall be held at such places and dates which are notified by the University.

ELIGIBILITY TO THE COURSE:

5. Subject to the compliance with the provisions of this direction and of other ordinances in force from time to time, the following applicant candidates shall be eligible for the admission to विज्ञान पारंगत Master of Science and examinations thereof

A.

a) For विज्ञान पारंगत [M.Sc. (Physics) Semester-I]

For admission to the M.Sc. Semester I in Physics, a candidate shall have offered Physics as one of the subject at the qualifying B.Sc. Examination.

b) For विज्ञान पारंगत [M.Sc. (Chemistry) Semester-I]

For admission to the M.Sc. Semester I in Chemistry, a candidate shall have offered Chemistry as one of the subjects at the qualifying B.Sc. Examination.

c) For विज्ञान पारंगत [M.Sc. (Mathematics) Semester-I]

For admission to the M.Sc. Semester I in Mathematics, a candidate shall have offered Mathematics as one of the subjects at the qualifying B.Sc. examination.

d) For विज्ञान पारंगत [M.Sc. (Computer Science) Semester-I]

For admission to the M.Sc. Semester I in Computer Science, a candidate shall have offered Computer Science as one of the optional subject of study and examination at B.Sc. degree or B.Sc./B.E. examination with post B.Sc. diploma course in Computer Science and Application or B.Sc. with optional subjects Computer Maintenance/ B.Sc. Information Technology / B.C.A.

e) For विज्ञान पारंगत [M.Sc. (Zoology) Semester-I]

For admission to the M.Sc. Semester I in Zoology, a candidate shall have offered Zoology as one of the subjects at the qualifying B.Sc. Examination.

f) For विज्ञान पारंगत [M.Sc. (Microbiology) Semester-I]

For admission to the M.Sc. Semester I in Microbiology, a candidate shall have offered Biotechnology/Microbiology as a subject of study and examination at B.Sc. degree.

g) For विज्ञान पारंगत [M.Sc. (Biotechnology) Semester-I]

Eligibility criteria for admission to the M.Sc. Semester I in Biotechnology, shall be all Life Science graduates or Agriculture or Veterinary or Fishery Science or Pharmacy/Engineering/Technology/Medicine (MBBS) or B.D.S. graduates with 55%.

h) For विज्ञान पारंगत [M.Sc. (Environmental Science) Semester-I]

For admission to the M.Sc. Semester I to the Environmental Science, a candidate shall have offered Environmental Science as one of the subjects at the qualifying B.Sc. Examination and B.Sc. Agriculture Science but having Environmental Science is one of the subject.

i) For विज्ञान पारंगत [M.Sc. (Electronics) Semester-I]

For admission to the M.Sc. Semester I in Electronics, a candidate shall have offered Electronics as one of the subject at the qualifying B.Sc. Examination.

j) For विज्ञान पारंगत [M.Sc. (Botany) Semester-I]

For admission to the M.Sc. Semester I in Botany, a candidate shall have offered Botany as one of the subject at the qualifying B.Sc. Examination.

k) For विज्ञान पारंगत [M.Sc. (Biochemistry) Semester-I]

For admission to the M.Sc. Semester I in Biochemistry, a candidate shall have offered Chemistry and Biochemistry as subjects of study and examination at B.Sc. degree.

6. a) विज्ञान पारंगत M.Sc. Semester I Examination

Students who have fulfilled the eligibility criteria as mentioned in Sectioned 5 and have been admitted to this course in semester I.

b) विज्ञान पारंगत M.Sc. Semester II Examination

Students who have been admitted in this course in semester II

c) विज्ञान पारंगत M.Sc. Semester III Examination

Students who have been admitted to this course in semester III

d) विज्ञान पारंगत M.Sc. Semester IV Examination

- i. Students who have been admitted in this course in semester IV
- ii. Every student shall submit three copies of the project report (typed and properly bound) for the Fourth Semester to the University at least one month prior to the commencement of the final practical examination through the Head of the Department/ Centre/ the Principal of the college concerned along with the certificate signed by the supervisor and declaration by the candidate towards original work which is not submitted to any university or organization for award of the degree. The scheme/ guidelines for the students and supervisors regarding Project Work Report are given in Appendix 3.

(Note: Subject to the Rules of ATKT as mentioned in para 7 of this direction)

7. The ATKT rules for the admission to विज्ञान पारंगत M.Sc. Course (Theory and Practical as separate passing head) shall be as given in the following table:

8.

Admission to Semester	Candidate should have passed in all the subjects of the following examination	Candidates should have Satisfactorily Completed the term work & appeared For at least one paper Of the following exam.	Candidate should have passed at least two third of the passing heads of the following examination
Semester I	As provided in the para 6 of this Direction	-----	-----
Semester II	-----	Semester I	-----
Semester III	-----	-----	Semester I & II taken together
Semester IV	-----	Semester III

9. Without prejudice to other provisions of Ordinance no. 6 relating to the examination in general, provisions of Para 5, 8, 9, 10, 26, 31 and 32 of the said ordinance shall apply to every student admitted to this course.

10. The fees for the examination, tuition, laboratory and other fees shall be as prescribed by the university from time to time.

11. a) The scope of the subjects shall be as prescribed in the syllabus.

b) The medium of instruction and examination shall be English.

12. The number of papers and the maximum marks assigned to each paper and minimum marks/grade an examinee must obtain, in order to pass examination shall be as prescribed in **appendix 1 and 2**, appended with this direction.

13. The examinee at each of the examination shall have option of not been declared successful at the examination in case he/she does not secure a minimum of grade equivalent to 55% marks at the examinations. This option will have to be exercised every time the application is submitted to any of the examination. Once this option is exercised, the option shall be binding on the examinee and it shall not be evoked in under any circumstances.

14. The classification of the examinee successful at the semester end examinations and at the end of final semester examination shall be as per the rules and regulations of credit grade semester pattern as prescribed in **Appendix 4**, appended with this direction.

15. The provisions of direction no. 3 of 2007 for the award of grace marks for passing an examination, securing higher grade in subject(s) as updated from time to time shall apply to the examination under this direction.

16. The names of the successful examinee passing the examination as a whole in the minimum prescribed period and obtaining prescribed number of places securing the grades equivalent to first and second division shall be arranged in order of merits as provided in ordinance 6 relating to examination in general.
17. No candidate shall be admitted to an examination under this direction, if he/she has already passed the same examination of this university or of any other university.
18. Examinee successful at the final examination shall on payment of the prescribed fees, will be entitled for the award of the degree in the prescribed form signed by the Vice Chancellor.
19. This course is based on credit grade semester pattern and therefore, it will be also regulated by guidelines and regulations given in **Appendices (1 to 4)** which are part of the direction.

I, further direct that the aforesaid Direction shall come into force from the date of issuance and shall remain in force till the relevant Ordinance comes into being in accordance with the provisions of the Maharashtra Universities Act, 1994 or is repealed by an issuance of another Direction.

Place: Gadchiroli
Date: 27-6-2012

Sd/-
Dr. V.S. Ainchwar
Vice Chancellor

Appendix-1

Scheme of teaching and examination under credit grade semester pattern for M.Sc. Programme in All subjects except Mathematics

Sr.No.	Semester	Theory Paper/ Practical	Teaching Scheme (Hrs/week)			Credits	Examination Scheme					
			Th.	Pr.	Total		Duration (Hrs)	Max. Marks		Total Marks	Min. Passing Marks	
								External Marks	Internal Marks		Th.	Pr.
1	I	I	4	--	4	4	3	80	20	100	40	--
2	I	II	4	--	4	4	3	80	20	100	40	--
3	I	III	4	--	4	4	3	80	20	100	40	--
4	I	IV	4	--	4	4	3	80	20	100	40	--
5	I	Practical I	--	8	8	4	3-8*	80	20	100	--	40
6	I	Practical II	--	8	8	4	3-8*	80	20	100	--	40
7	I	Seminar	2	--	2	1	--	--	25	25	10	
		Total	18	16	34	25	--	--	--	625	170	80

Sr.No.	Semester	Theory Paper/ Practical	Teaching Scheme (Hrs/week)			Credits	Examination Scheme					
			Th.	Pr.	Total		Duration (Hrs)	Max. Marks		Total Marks	Min. Passing Marks	
								External Marks	Internal Marks		Th.	Pr.
1	II	I	4	--	4	4	3	80	20	100	40	--
2	II	II	4	--	4	4	3	80	20	100	40	--
3	II	III	4	--	4	4	3	80	20	100	40	--
4	II	IV	4	--	4	4	3	80	20	100	40	--
5	II	Practical I	--	8	8	4	3-8*	80	-20	100	--	40
6	II	Practical II	--	8	8	4	3-8*	80	-20	100	--	40
7	II	Seminar	2	--	2	1	--	--	25	25	10	
		Total	18	16	34	25	--	--	--	625	170	80

Sr.No.	Semester	Theory Paper/ Practical	Teaching Scheme (Hrs/week)			Credits	Examination Scheme					
			Th.	Pr.	Total		Duration (Hrs)	Max. Marks		Total Marks	Min. Passing Marks	
								External Marks	Internal Marks		Th.	Pr.
1	III	I	4	--	4	4	3	80	20	100	40	--
2	III	II	4	--	4	4	3	80	20	100	40	--
3	III	III	4	--	4	4	3	80	20	100	40	--
4	III	IV	4	--	4	4	3	80	20	100	40	--
5	III	Practical I	--	8	8	4	3-8*	80	20	100	--	40
6	III	Practical II	--	8	8	4	3-8*	80	20	100	--	40
7	III	Seminar	2	--	2	1	--	--	25	25	10	
		Total	18	16	34	25	--	--	--	625	170	80

Sr.No	Semester	Theory Paper/ Practical	Teaching Scheme (Hrs/week)			Credits	Examination Scheme					
			Th.	Pr.	Total		Duration (Hrs)	Max. Marks		Total Marks	Min. Passing Marks	
								External Marks	Internal Marks		Th.	Pr.
1	IV	I	4	--	4	4	3	80	20	100	40	--
2	IV	II	4	--	4	4	3	80	20	100	40	--
3	IV	III	4	--	4	4	3	80	20	100	40	--
4	IV	IV	4	--	4	4	3	80	20	100	40	--
5	IV	Practical I	--	8	8	4	3-8*	80	20	100	--	40
6	IV	Project	--	8	8	4	3-8*	80	20	100	--	40
7	IV	Seminar	2		2	1	--	--	25	25	10	--
		Total	18	16	34	25	--	--		625	170	80

Note: Th=Theory; Pr=Practical; *=If required, for two days

Minimum marks for passing will be 40%. Candidates has to pass separately, in theory/seminar (Internal Assessment) /Practical

Internal Assesment – For the purpose of Internal assessment the department will Conduct 1)Test Exam& 2)Assignment Separately for all 4 papers

1. In each semester student will have to give seminar on any topic relevant to the syllabus encompassing the recent trends and development in that field. The topic of the seminar will be decided at the beginning of each semester in consultation with the supervising teachers. The student has to deliver the seminar for one hour duration which will be followed by discussion. The seminar will be open to all the teachers of the department, invitees, and students and will be assessed by the teacher in-charge and two teachers deputed by the Head of the Department.
2. The student will have to carry out the research based project work in lieu of practical in the fourth semester in the department or depending on the availability of placement; he/she will be attached to any of the national/regional/private research institute/organization for the duration of the fourth semester. The student will be randomly allotted the priority number for the selection of the supervisor at the end of third semester. The student in consultation with supervisor will finalize the topic of the project work at the end of the third semester.
3. Each theory paper is supposed to cover minimum 60 clock hours (15 clock hours per unit) of teaching and 240 clock hours per semester for all the four papers.

4. One credit course of theory will be of one clock hour per week of 25 marks running for 15 weeks and four credit course of theory will be four clock hours per week of 100 marks running for 15 weeks.
5. One credit course of practical will consist of two clock hours of laboratory exercise of 25 marks running for 15 weeks and four credit course of practical will consist of eight hours of laboratory exercise of 100 marks running for 15 weeks.

Appendix-2

Scheme of teaching and examination under credit based semester pattern for M.Sc. Program in Mathematics

Sr.No.	Semester	Theory Paper/ Practical	Teaching Scheme (Hrs/week)		Credits			Examination Scheme					
			Theory	Total	Th	Int.* Ass	Total	Duration (Hrs)	Max. Marks		Total Marks	Min. Passing Marks	
									External Marks	Internal Ass.		Th.	Int. Ass.
1	I	I	5	5	4	1	5	3	100	25	125	40	10
2	I	II	5	5	4	1	5	3	100	25	125	40	10
3	I	III	5	5	4	1	5	3	100	25	125	40	10
4	I	IV	5	5	4	1	5	3	100	25	125	40	10
5	I	V	5	5	4	1	5	3	100	25	125	40	10
		Total	25	25	20	05	25		500	125	625	200	50

Sr.No.	Semester	Theory Paper/ Practical	Teaching Scheme (Hrs/week)		Credits			Examination Scheme					
			Theory	Total	Th	Int.* Ass	Total	Duration (Hrs)	Max. Marks		Total Marks	Min. Passing Marks	
									External Marks	Internal Ass.		Th.	Int. Ass.
1	II	I	5	5	4	1	5	3	100	25	125	40	10
2	II	II	5	5	4	1	5	3	100	25	125	40	10
3	II	III	5	5	4	1	5	3	100	25	125	40	10
4	II	IV	5	5	4	1	5	3	100	25	125	40	10
5	II	V	5	5	4	1	5	3	100	25	125	40	10
		Total	25	25	20	05	25		500	125	625	200	50

Sr.No.	Semester	Theory Paper/ Practical	Teaching Scheme (Hrs/week)		Credits			Examination Scheme					
			Theory	Total	Th	Int.* Ass	Total	Duration (Hrs)	Max. Marks		Total Marks	Min. Passing Marks	
									External Marks	Internal Ass.		Th.	Int. Ass.
1	III	I	5	5	4	1	5	3	100	25	125	40	10
2	III	II	5	5	4	1	5	3	100	25	125	40	10
3	III	III	5	5	4	1	5	3	100	25	125	40	10
4	III	IV	5	5	4	1	5	3	100	25	125	40	10
5	III	V	5	5	4	1	5	3	100	25	125	40	10
		Total	25	25	20	05	25		500	125	625	200	50

Sr.No.	Semester	Theory Paper/ Practical	Teaching Scheme (Hrs/week)		Credit			Examination Scheme					
			Theory	Total	Th	Int.* Ass	Total	Duration (Hrs)	Max. Marks		Total Marks	Min. Passing Marks	
									External Marks	Internal Ass.		Th.	Int. Ass.
1	IV	I	5	5	4	1	5	3	100	25	125	40	10
2	IV	II	5	5	4	1	5	3	100	25	125	40	10
3	IV	III	5	5	4	1	5	3	100	25	125	40	10
4	IV	IV	5	5	4	1	5	3	100	25	125	40	10
5	IV	V	5	5	4	1	5	3	100	25	125	40	10
		Total	25	25	20	05	25		500	125	625	125	50

***Internal Assessment:** For the purpose of internal assessment the department will conduct three tests (with equal weightage of marks). Best two scores of a student in these tests will be considered to obtain the internal assessment score of that student.

Appendix-3

DISSERTATION/PROJECT WORK

SCHEME/GUIDELINES FOR THE STUDENTS, SUPERVISORS AND EXAMINERS:

Every student is required to carry out Experimental/Field Based Project Work (this is in lieu of practical II of semester IV) on a related research topic of the subject/ course. It must be an original work and must indicate some degree of experimental work. On the basis of this work, student must submit the project Report (typed and properly bound) in two copies at least one month prior to commencement of the final Practical/lab examination of Semester IV. The project report shall comprise of Introduction, Material and Methods, Result, Discussion, Summary, conclusion and, Reference along with declaration by candidate that the work is original and not submitted to any other University or Organization for award of degree and certificate by the supervisor and forwarded through head/Course-coordinator/Director of the Department/Centre or the principle of the college.

The supervisor for the Experimental Project Work shall be from the following.

A person selected by the duly constituted Selection Committee in the relevant subject and approved by the University, exclusively for P.G. course.

OR

A person selected by the duly constituted Selection Committee of the University approved by the University and appointed as a full time regular teacher at U.G. level in the relevant subject and having at least 15 years teaching experience.

OR

A person selected by duly constituted Selection Committee of Gondwana University Gadchiroli, approved by the University and appointed as full time regular teacher at UG level having M. Phil degree with 10 years teaching experience at UG level, or a person who has Ph.D. Degree, with 5 years teaching experience in relevant subject.

OR

Scientists of National Laboratories/ Regional Research Laboratories who are approved by dint of their appointment in such facilities by the Union Government/the State Government/Gondwana University/Other Universities recognized by UGC with at least in the Grade Pay of Rs.8000/-

The topic for project work will be assigned to the student by supervisor at the beginning of third semester. The topic will be forwarded to the controller of examination by the head of the department. The project Work will carry total 90 marks and will be evaluated by both external and internal examiner in the respective Department/Center/Affiliated College. The examiners will evaluate the Experimental Project Work taking into account the 1) coverage of subject matter, 2) Arrangement and presentation, 3) References and 4) Application and original experimental contribution of candidate.

For Project work	: 80 Marks
For Viva-Voce	: 20 Marks

Total	: 100 Marks

Appendix-4

A. Pattern of Question Paper

1. There will be four units in each paper.
2. Question Paper will be consists of five questions.
3. Four questions will be on four units with internal choice (One question on each unit).
4. Fifth question will be compulsory with questions from each of the four units having equal weightage.
5. Maximum marks of each paper will be 100.Each paper will be of 3 hours duration.
6. Projects shall be evaluated by both internal and external examiner.
7. Practical/laboratory examination shall be of 100 marks. Distribution of marks shall be 20 internal and 80 external.
8. Minimum passing marks in each head (i.e. Theory, Practical and Internal assessment) will be 40%.

B. Absorption scheme:

1. While switching over to semester system, the failure students of annual pattern will be given three chances to clear the examination.
2. The candidates who have cleared first year annual pattern examination in the subject shall get admission to third semester directly by matchable scheme. However, candidates who are allowed to keep term will not eligible for admission to third semester unless they clear all the papers and practicals of first year annual pattern examination.
3. The unsuccessful students of old course shall be permitted to appear for higher class as per the new course examination of the post graduate programme (semester, credit and grade system) provided that they submit a certificate from the Head of Department/ Principal of the college stating that they have satisfactorily undergone a course of study in all the subjects of the new course as per the absorption scheme of a particular post graduate programme.
4. The absorption scheme of the post graduate programme will be effective till the introduction of new syllabus with the new absorption scheme.

CREDIT-GRADE SYSTEM FOR P.G. (M.Sc.)

Course credit:

It is the unit of measurement of course works. Each course shall have an integer number of credits which reflects its weightage. **One Credit means one period of one hour duration.**

The number of Credits of a course in a given semester shall ordinarily calculated as under

$$\text{Number of Credits} = L + T + P/2$$

Where L, T and P represent the number of Lecture, Tutorial and Practical hours per week. The fraction is to be rounded off to next integer value. One Practical / Lab without theory of one hour equal to one credit.

Grade:

It is the measure of performance quality. At the end of each semester, a student is awarded a letter grade in each of his/her course taking into account his/her performance based on the various component of evaluation i.e. on the basis of total marks in each theory course and in each laboratory course.

Performance Grading Scale

Marks Obtained (out of 100)	Grade	Grade Point
75 & above	O	6
74 to 65	A	5
64 to 55	B	4
54 to 50	C	3
49 to 45	D	2
44 to 40	E	1
Below 40	F	0

Grade Proposed Norms

- O: Outstanding
- A: Very Good
- B: Good
- C: Average
- D: Satisfactory
- E: Pass
- F: Fail

Conversion of Marks to Grades and Calculations of GPA (Grade Point Average)

In the Credit and Grade Point System, the assessment of individual Courses in the concerned examinations will be on the basis of marks only, but the marks shall later be converted into

Grades by some mechanism wherein the overall performance of the Learners can be reflected after considering the Credit Points for any given course. However, the overall evaluation shall be designated in terms of Grade. There are some abbreviations used here that need understanding of each and every parameter involved in grade computation and the evaluation mechanism. The abbreviations and formulae used are as follows:-

Abbreviations and Formula's Used:-

G: Grade

GP: Grade Points

C: Credits

CP: Credit Points

CG: Credits X Grades (Product of credits & Grades)

$\sum CG$: Sum of Product of Credits & Grades points

$\sum C$: Sum of Credits points

$$SGPA = \frac{\sum CG}{\sum C}$$

Semester Grade point average (SGPA)

It is indicative of performance of a student in the given semester. The Grade Point average for a semester is obtained by adding the products of Actual Grade points and relative weightage for different courses as shown in the scheme for respective semester and dividing the total credit hours for that semester as illustrated below.

$$SGPA = [C_i G_i + C_{ii} G_{ii} + \dots + C_n G_n] / (C_i + C_{ii} + \dots + C_n)$$

SGPA: Semester Grade Point Average shall be calculated for individual semesters. (It is also designed as GPA)

Cumulative Grade Point Average (CGPA)

The cumulative Grade Point Average (CGPA) is indicative of the overall academic performance of a student in all the courses registered up to and including the latest completed semester. It is the cumulative total of the products of actual grade point and its weightage upto last semester divided by total credits of all the semesters.

$$CGPA = \frac{\sum_{i=0}^n c_i g_i}{\sum_{i=0}^n c_i}$$

CGPA: Cumulative Grade Point Average shall be calculated for the entire Program by considering all the semesters taken together.

A student will be allotted a cumulative Grade Point Average (CGPA) after clearing all the four semesters. Again as there is no differential weight system for semesters, the CGPA of a student will be Average of the four SGPA's of that student.

Note: If a student is permitted to repeat any semester/course, the new letter grade will replace the old letter grade in the computation of the CGPA.

After calculating the SGPA for an individual semester and the CGPA for entire program, the value can be matched with the grade in the Grade Point table as per the Seven (07) Points Grading System and expressed as a single designated GRADE such as O, A, B, etc.

Final Grade Points

Grade Points	Final grade
5.0 to 6.0	O
4.50 to 4.99	A
3.50 to 4.49	B
2.50 to 3.49	C
1.50 to 2.49	D
0.50 to 1.49	E
0.00 to 0.49	F

The formula for GPA will be based on Weighted Average. The final GPA will not be printed unless a student passes courses equivalent to minimum 100 Credits.

If the GPA is higher than the indicated upper limit in the three decimal digit, then the student be awarded higher final grade (e.g. a student getting GPA of 4.492 may be awarded 'A').

While declaring the result, the existing relevant ordinances are applicable. For verification and revaluation existing rules will be applicable.

The description for each of the grades will be as follows:

Grade Proposed Norms

O: Outstanding: Excellent analysis of the topic, (75% and above)

Accurate knowledge of the primary material, wide range of reading, logical development of ideas, Originality in approaching the subject, Neat and systematic organization of content, elegant and lucid style;

A: Very Good: Excellent analysis of the topic, (65 to 74%)

Accurate knowledge of the primary material, acquaintance with seminal publications, logical development of ideas, Neat and systematic organization of content, effective and clear expression;

B: Good: Good analysis and treatment of the topic (55 to 64%)

Basic knowledge of the primary material, logical development of ideas, Neat and systematic organization of content, effective and clear expression;

C: Average: Some important points covered (50 to 54%)

Basic knowledge of the primary material, logical development of ideas, Neat and systematic organization of content, good language or expression;

D: Satisfactory: Some points discussed (45 to 49%)

Basic knowledge of the primary material, some organization, acceptable language or expression;

E: Pass: Any two of the above (40 to 44%)

F: Fail: None of the above (below 40)

Reporting of Learners Performance (Grade Card)

The grade cards can be issued to the Learners on the basis of the above calculations in a uniform format given by the University. The grade cards of the Examinations conducted by the University shall be signed by the Controller of Examinations only as per the provision in the University Act.

The grade card will reflect the marks obtained by the Learner, Credit points of the individual Course as well as Semester, conversion of marks into grades, calculation of SGPA for each individual semester and the CGPA for the complete Program at the end of the final semester.

The grade card shall be issued with SGPA & Grade in case of middle semesters or CGPA & Grade in case of final semester only to those learners who have completed all the semesters of that program successfully. However, the learners those who are unsuccessful or carry the courses under ATKT rule will not get the SGPA & Grade in case of middle semesters or CGPA & Grade in case of the final semester unless and until they successfully complete their pending courses or semesters under the concerned program.

I, further direct that the aforesaid Direction shall come into force from the date of issuance and shall remain in force till the relevant Ordinance comes into being in accordance with the provisions of the Maharashtra Universities Act, 1994 or is repealed by an issuance of another Direction.