

UNIVERSITY OF MUMBAI



*Credit , Grade & Semester
System to be introduced
from Academic
Year 2011-12*

Examination Committee V. J. Vaze College(१९९)



CONCEPT OF CREDIT SYSTEM

- A **'credit'** is generally a 'value' used to measure a student's work load in terms of learning time required to complete course units, resulting in learning outcomes.
- Credit is used in higher education to summarize and describe an amount of learning
- The number of credits awarded to a learner is determined by Credit Value or Credit Points assigned to a particular course.

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CONCEPT OF CREDIT SYSTEM CONTINUED.

- It is a way of expressing the '*learner's workload*'. (Student's)
- It affords more flexibility to the learners allowing them to choose inter-disciplinary courses.
- One (01) Credit is thirty (30) learning hours.
- Credits once gained cannot be lost

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TERMINOLOGY USED IN CREDIT SYSTEM



- **Programme:-** A programme is a set of courses that are linked together in an academically meaningful way and generally ends with the award of a Certificate or Diploma or Degree depending on the level of knowledge attained and the total duration of study. e.g. Certificate in office Computing, Diploma in Journalism, B. Com, M. Sc. M.S.W. etc. are the 'Programmes'.



TERMINOLOGY USED IN CREDIT SYSTEM Continued

- **Course:-** A course is essentially a constituent of a 'programme' and may be conceived of as a composite of several learning topics taken from a certain knowledge domain, at a certain level. A 'course' in simple terms corresponds to the word 'subject' used in many Universities.
- **Credit Points:-** This has reference to the 'Workload' of a learner and is an index of the number of learning hours deemed for a certain segment of learning. The course may be assigned anywhere between 4 to 8 credit points wherein 1 credit is equal to 30 learning hours.



TERMINOLOGY USED IN CREDIT SYSTEM Continued

- **Credit completion or Credit acquisition** :- It may be considered to take place after the learner has successfully cleared all the evaluation criteria with respect to a single course.
- **Credit Bank**:- The process of accumulating Credits over a period of time, leads to the idea of a 'Credit Bank'. Conceptually, a Credit Bank in simple terms refers to stored and dynamically updated information regarding the number of Credits obtained by any given student along with the details regarding the course/s for which Credit has been given, the course-level, nature, etc.

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PHILOSOPHY OF CREDIT ASSIGNMENT

- Generally there are four different types of courses in all the programmes conducted at University of Mumbai.
- Compulsory Courses = 4 credits per course
- Core / Special Courses = 3 credits per course
- Applied Components = 3 credits per course
- Foundation Courses = 2 credits per course
- Skill Courses = 2 credits per course

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PHILOSOPHY OF CREDIT ASSIGNMENT Continued

- The total credit value shall be 120 credits for all UG programmes across the faculties.
- The total credit value shall be 80 credits for PG programmes under the faculty of Arts & Commerce and 96 credits in case of faculty of Science.

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SUBJECT/PAPER WISE CREDIT ALLOCATION (For Each Semester)



➤ **FYBA:-**

1. **9 CREDIT POINTS**

Psychology , History , Political Science , Sociology ,
Economics , Marathi Lit. , English Lit. , Hindi Lit.
(Three Courses : Each Course 3 Credits)

2. **4 CREDIT POINTS**

Communication Skills in English, Marathi Comp. , Hindi Comp.
(C. S. – Compulsory , One Course from remaining Two)
(Each Course 2 Credits)

3. **2 CREDITS**

Foundation Course.

➤ **SYBA:-**

1. **18 CREDIT POINTS**

Psychology , History , Political Science , Sociology ,
Economics , Marathi Lit. , English Lit. , Hindi Lit.

Note:- Each Course :- 3 Credits

2. **4 CREDIT POINTS**

- (a) Advertising , Journalism , Market Research ,
Health Psychology. (Any One)
- (b) Foundation Course .



SUBJECT/PAPER WISE CREDIT ALLOCATION Continued (For Each Semester)

➤ TYBA:-

1. 16 CREDIT POINTS(Paper-I, II, III, IV)

Special Courses(Single Major)

Psychology , History , Political Science , Sociology ,
Economics , Marathi Lit. , English Lit. , Hindi Lit.

(Four Courses From a subject : Each Course :- 4 Credits)

2. 6 CREDIT POINTS

Psychology , History , Political Science , Sociology ,
Economics , Marathi Lit. , English Lit. , Hindi Lit.

(Two Courses from a Subject : Each Course :-3 Credits)

3. 2 CREDITS

Project (Only in Sem-VI)



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SUBJECT/PAPER WISE CREDIT ALLOCATION Continued
(For Each Semester)

➤ **FYBCom:-**

1. 18 CREDIT POINTS

Accounts , Commerce, Bus. Economics ,
Environmental , Maths & Stats , Bus. Communication
(Each Course : 3 Credits)

2. 2 CREDIT POINTS

Foundation Course

➤ **SYBCom:-**

1. 15 CREDIT POINTS

Accounts , Commerce, Bus. Economics , Bus. Law ,
Advertising .
(Each Course : 3 Credits)

2. 2 CREDIT POINTS

Foundation Course

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SUBJECT/PAPER WISE CREDIT ALLOCATION Continued
(For Each Semester)



➤ **TYBCom:-**

1. 8 CREDIT POINTS

Accounts -1, Account-2 (Each Course :- 4 Credits)

2. 9 CREDIT POINTS

Accounts-3, Commerce-III , Bus. Economics -III
(Each Course :- 3 Credits)

3. 6 CREDIT POINTS

Computer System & Applications, Export Marketing,
Direct & Indirect Taxation, Trade Unionism and
Industrial Relations (**Any Two** – Each Course 3 Credits)

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SUBJECT/PAPER WISE CREDIT ALLOCATION Continued (For Each Semester)

➤ FYBSc :

1. 6 CREDITS

Mathematics(Paper-I & II)

Note:- For Each Paper 3 Credits

2. 4 CREDITS

Theory:- (Paper – I & II)

Chemistry, Physics , Botany , Zoology , Bio- Technology

Note:- For Each Paper 2 Credits

3. 2 CREDITS

(a) Practical :- (Paper – I & II)

Chemistry, Physics , Botany , Zoology , Bio- Technology

(b) Foundation Course



SUBJECT/PAPER WISE CREDIT ALLOCATION Continued (For Each Semester)

➤ SYBSc:-

1. 6 CREDITS

(a) Mathematics (Paper-I & Paper-II)

Note: For each paper : 3 Credits

(b) Theory:- (Paper-I, II & III)

Chemistry , Physics, Botany , Zoology ,
Bio- Technology ,

Note: For each paper(Theory): 2 Credits

2. 3 CREDITS

(a) Mathematics-III (Theory – 2 Credits, Pract.- 1 Credit)

(b) Practical:- (Paper-I, II & III)

Chemistry , Physics, Botany , Zoology , Bio – Technology

3. 2 CREDITS

Foundation Course



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SUBJECT/PAPER WISE CREDIT ALLOCATION Continued (For Each Semester)



➤ TYBSc:-

1. 10 CREDITS (Single Major)

Theory:- (Paper-I, II , III & IV)

Mathematics ,Chemistry , Physics, Botany , Zoology ,
Bio- Technology ,

Note: For each paper(Theory): 2.5 Credits

2. 6 CREDITS

Practical:- (Paper-I, II , III & IV)

Mathematics , Chemistry , Physics, Botany , Zoology ,
Bio – Technology

3. 4 CREDITS

Applied Components (Paper- I & II)

Note: For each paper : 2 Credits

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ALLOCATION OF TIME PER CREDIT

- The time duration per credit is divided into two parts, Approximately fifty percent of the time will be spent on class room instructions including practical as prescribed by the University.
- Rest of the time spent for assignments, Projects, journal writing, case studies, library work, industrial visits, attending seminars / workshops, preparations for examinations etc. will be considered as notional hours.

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COURSE WISE CREDIT ASSIGNMENTS UNDER THE FACULTY OF ARTS



Type of courses /Credits assigned	First Year		Second Year		Third Year		Total Credit Value
	(Credit x No. of Courses)		(Credit x No. of Courses)		(Credit x No. of Courses)		
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	
Core Courses (Major Elective)	03 x 03	03 x 03	03 x 06	03 x 06	03 x 02	03 x 02	66
Language Courses (Non-Major Elective)	02 x 01	02 x 01	---	---	---	---	04
Skill Based Courses	02 x 01	02 x 01	---	---	---	---	04
Special Courses	---	---	---	---	04 x 04	04 x 04	32
Foundation Course	02 x 01	02 x 01	02 x 01	02 x 01	---	---	08
Inter-disciplinary Applied Component Courses	---	---	02 x 01	02 x 01	---	---	04
Projects	---	---	---	---	---	01 x 02	02
Total	15	15	22	22	22	24	120



COURSE WISE CREDIT ASSIGNMENTS UNDER THE FACULTY OF COMMERCE



Type of courses /Credits assigned	First Year		Second Year		Third Year		Total Credit Value
	(Credit x No. of Courses)		(Credit x No. of Courses)		(Credit x No. of Courses)		
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	
Core Courses	03 x 03	03 x 03	03 x 03	03 x 03	04 x 02	04 x 02	52
Allied Courses	03 x 03	03 x 03	03 x 01	03 x 01	---	---	24
Foundation Course	02 x 01	02 x 01	02 x 01	02 x 01	---	---	08
Core/Special Courses	---	---	---	---	03 x 03	03 x 03	18
Applied Component Courses	---	---	03 x 01	03 x 01	03 x 02	03 x 02	18
Total	20	20	17	17	23	23	120

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COURSE WISE CREDIT ASSIGNMENTS UNDER THE FACULTY OF SCIENCE



Type of courses /Credits assigned	First Year		Second Year		Third Year		Total Credit Value
	(Credit x No. of Courses)		(Credit x No. of Courses)		(Credit x No. of Courses)		
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	
Core Courses (Theory)	04 x 03	04 x 03	06 x 02	06 x 02	2.5 x 04	2.5 x 04	68
Core Courses (Practical)	02 x 03	02 x 03	03 x 02	03 x 02	1.5 x 04	1.5 x 04	36
Foundation Course	02 x 01	02 x 01	02 x 01	02 x 01	---	---	08
Applied Component Courses(Practical)	---	---	---	---	02 x 01	02 x 01	04
Applied Component Courses(Practical)	---	---	---	---	02 x 01	02 x 01	04
Total	20	20	20	20	20	20	120

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SCHEME OF EVALUATIONS

- The performance of the learners shall be evaluated in two parts internal assessment with 40% marks by way of continuous evaluation and by semester end assessment with 60% marks by conducting the theory examination.
- **Internal Assessment:-** It is defined as the assessment of the learners on the basis of continuous evaluation as envisaged in the credit based system by way of anticipation of learners in various academic and correlated activities in the given semester of the programme.
- **Semester End Assessment:-** It is defined as the assessment of the learners on the basis of performance in the semester end theory / written examinations.

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MODALITY OF ASSESSMENT

Internal Assessment 40 %

40 Marks

- Two periodical class test / Case study(ies) / on-line or a combination of these 20 Marks
- One assignment 10 Marks
- Active participation in class instructional deliveries 05 Marks
- Overall conduct as a responsible student, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities 05 Marks

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MODALITY OF ASSESSMENT Continued



- **Semester End Assessment 60 %** **60 Marks**
- **Duration** –These examinations shall be of 2 Hours duration.
- **Question Paper Pattern:-**
 1. There shall be four questions each of 15 marks.
 2. All questions shall be compulsory with internal choice within the questions.
 3. Question may be sub-divided into sub-questions a, b, c, d & e only and the
 4. allocation of marks depends on the weightage of the topic.

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STANDARD OF PASSING



- The learners shall have to obtain a minimum of 40% marks in aggregate to qualify each course where the course consists of Internal Assessment & Semester End Examination. However, the learners shall obtain minimum of 40% marks i.e. 16 out of 40 in the Internal Assessment and i.e. 24 out of 60 in Semester End Examination separately.
- To qualify each course minimum grade E shall be obtained by the learners in each course and project wherever applicable in a particular semester.

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METHOD TO CARRY FORWARD THE MARKS



- A learners who PASSES in the Internal Assessment but FAILS in the Semester End Examination of the Course shall reappear for the Semester End Examination of that Course. However, his/her marks of the Internal assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing of the complete course.
- A learners who FAILS in the Internal Assessment but PASSES in the Semester End Examination of the course shall submit and reappear for the Internal assessment in the form of projects for that course. However, his/her marks of the Semester End Examination shall be carried over and he/she shall be entitled for grade obtained by him/her on qualifying the course.
- The Evaluation for students who fails in Internal Assessment will consist of one project of 40 marks which will be divided into 20 marks for the documentation of the project given by the concerned teachers on the curriculum, 10 marks each for the presentation and for the viva.



ATKT (ALLOWED TO KEEP TERM)



- A student shall be allowed to keep term for Semester-II irrespective of number of heads of failure in the Semester-I.
- A student shall be allowed to keep term for Semester-III if he/she passes each of Semester I and Semester-II **OR** A student who fails in not more than two courses of Semester-I and Semester-II taken together.
- A student shall be allowed to keep term for Semester-IV irrespective of number of heads of failure in Semester-III. However, the student shall pass each course of Semester-I and Semester-II in order to appear for Semester-IV.

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ATKT (ALLOWED TO KEEP TERM) Continued

- A student shall be allowed to keep term for Semester-V if he/she passes Semester-I, Semester-II, Semester-III and Semester-IV **OR** A student shall pass Semester-I and Semester-II and fails in not more than two courses of Semester-III and Semester-IV taken together.
- A student shall be allowed to keep term for Semester-VI irrespective of number of heads of failure in the Semester-V. However, the student shall pass each course of Semester-III and Semester-IV in order to appear for Semester-VI.
- The result of Semester-VI shall be kept in abeyance until the student passes each of Semester-I, Semester-II, Semester-III, Semester-IV and Semester-V.



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ADDITIONAL EXAMINATIONS

Class test or assignment for Internal Assessment:

- A learner who is absent for the two class test and the assignment will be declared fail in the Internal Assessment Scheme.
- A learners who is absent for the two class tests and has appeared for the assignment will be allowed to appear for the additional class test of 10 marks. However, his marks for the class test will be taken as out of 20 and internal assessment will be calculated as out of 40 marks and not 30 marks.
- A learners who has appeared for both the class test but remains absent for the assignment will be allowed to appear for the additional assignment and the internal assessment will be calculated as out of 40 marks.
- A learners who is absent for one of the 2 class test or assignment as the case may be, and the internal assessment will be calculated as out of 40 marks.

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ADDITIONAL EXAMINATIONS Continued

Semester End Examinations

- There will be one additional examination for semester I, II, III and IV for those who have failed or remained absent.
- The absent student will be allowed to appear for the examination by the head of the institution after following the necessary formalities.
- This examination will be held 20 days after the declaration of results but not later than 40 days.

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PROJECT EVALUATION (IF APPLICABLE)

- A student who PASSES IN ALL THE COURSES BUT DOES NOT secure minimum grade of E in project as applicable has to resubmit a fresh project till he/she secures a minimum of grade E.
- The credits and grade points secured by him/her in the other courses will be carried forward and he/she shall be entitled for grade obtained by them on passing of all the courses.
- The evaluation of project and viva/voce examination shall be done by marks only and then it will be converted into grade in the seven point scale and award the same to the learner.
- A learner shall have to obtain minimum of grade E (or its equivalent marks) in project evaluation and viva/voce taken together to obtain 40% marks in project work.

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WHAT IS GRADING ?

- The word **Grade** is derived from the Latin word '**grad us**'
- '**Grad us**' means '**Step**'
- It is an method of **declaring the result** of the learner's performance by means of evaluation.
- It involves the **set of alphabets** which clearly define, designated and understood by all the stakeholders.
- Properly introduce grading system is not only provide for the "**comparison**" of the learners but it assessed the "**quality**" of the learner's performance.

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THE SEVEN (7) POINT GRADING SYSTEM

Grades	Marks	Grade Points
O	70 & Above	7
A	60 & < 70	6
B	55 & < 60	5
C	50 & < 55	4
D	45 & < 50	3
E	40 & < 45	2
F	< 40	1

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CONVERSION OF MARKS TO GRADES AND CALCULATIONS OF GPA

Abbreviations and Formulas Used

G: Grade

GP: Grade Points

C: Credits

CP: Credit Points

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

Σ CG: Sum of Product of Credits & Grades points

Σ C: Sum of Credits points

$$\text{GPA} = \frac{\Sigma \text{CG}}{\Sigma \text{C}}$$

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

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

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GRADE CARDS

- The result gazette and the format of the Grade Cards for the semesters conducted by colleges on behalf of the University will be uniform for all the Colleges / Institutions.
- The Grade Cards will be printed along with the marks shown for all the concerned courses in the programme.
- The Grade Cards will be issued to the learners who will qualify all the courses with Credit Earned and the remark as 'PASSES'.
- The SGPA will be calculated only for the learners who will qualify in all the courses and accordingly the Grade will be awarded to them.
- In case a learner/s is not qualified in a particular course/s of a programme, he/she shall be allowed to accumulate the credits of qualified courses only of the said programme and the Grade Card will be issued with 'Credit Accumulate' and the remark as 'FAIL'.



ILLUSTRATIONS

LEARNER PASSES IN ALL THE COURSES WITH MORE THAN 40 MARKS



Courses in Semester	Total Marks Obtained	Grade	Grade Points(G)	Credit Points(C)	CG= (CxG)	GPA= $\frac{\sum CG}{\sum C}$
Course-I	55	B	5	4	20	113/20 = 5.65
Course-II	60	A	6	4	24	
Course-III	70	O	7	3	21	
Course-IV	80	O	7	3	21	
Course-V	62	A	6	3	18	
Course-VI	48	D	3	3	09	
PASS Credits Earned = 20				$\sum C=20$	$\sum CG = 113$	

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LEARNER PASSES IN ALL THE COURSES & FAILED IN TWO COURSES



Courses in Semester	Total Marks Obtained	Grade	Grade Points(G)	Credit Points(C)	CG=(CxG)	GPA= $\frac{\sum CG}{\sum C}$
Course-I	42	E	2	4	08	35/20 = 1.7
Course-II	28	F	1	4	F	
Course-III	40	E	2	3	06	
Course-IV	32	F	1	3	F	
Course-V	52	C	4	3	12	
Course-VI	48	D	3	3	09	
FAIL Credits Accumulated = 13				$\sum C=20$	$\sum CG = 35$	

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IMPLEMENTATION

- The Semester, Credit and Grading System will be implemented for all the Under Graduate (UG) programmes under the faculty of Arts, Commerce and Science from the academic year 2011-12.
- The system will be implemented for semester-I for the newly admitted learners (students) and it will be subsequently implemented.
- The Semester, Credit and Grading System will be implemented for the Post Graduate (PG) programmes under the faculty of Arts, Commerce and Science after the decision of the Academic Council.
- The format of Grade Card will be circulated to all the colleges after the approval from BOE.

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