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संदर्भ क्र

Date:- 03-09-2005  
दिनांक

The Principal,  
All affiliated Colleges,

**Sub.:- "Scheme of Credit System"**

Sir,

Please find enclosed herewith a "Scheme of Credit System" submitted by "Examination Reform Committee" on the guidelines and suggestion received from U.G.C., New Delhi, for your perusal and suggestions, if any.

You are, therefore, requested to go through the "Scheme of Credit System" and send your suggestions, if any, on or before 20<sup>th</sup> September 2005.

Thanking you,

Yours faithfully,

Controller of Examinations

## **A SCHEME OF CREDIT SYSTEM**

### **Introduction:-**

The Academic Council of the Shivaji University has formed a Committee of Examination Reforms as per the suggestion made by the State Legislative Council. The Committee had a series of meetings for suggesting various operational and structural measures to overcome the adversities in mechanising the various examinations conducted by the University.

The committee has also given a serious thought for introduction of the credit system in almost all examinations being conducted by the University. A sub-committee to formulate the scheme of credit system was appointed under the Chairmanship of Dr. V.B. Jugale (Dean, Social Science Faculty). The other members of the Sub-committee were Dr. A. M. Sankpal and Shri. A. B. Kanase.

The Sub-committee has a privilege to discuss and submit a Draft scheme of the Credit System to the University Authorities on 01<sup>st</sup> April 2005. In pursuance to the suggestions made by the Examination Reforms Committee meeting held on 16<sup>th</sup> Aug, 2005, the scheme has been illustrated with examples and the steps therein.

### **What is Credit?**

Credits are a value allocated to course units to describe the student's workload (i.e. Lectures, Practical work, Seminars, Private work in the library or at home and examinations or other assessment activities) required to complete them. They reflect the quantity of work each course requires, in relation to the total quantity of work required to complete during a full year of academic study at the College / Institutional / Department. Credit thus expresses a relative value.

Students will receive credit through a variety of testing programmes if they have studied a subject independently or have successfully completed College level / Department level / Institutional level regular course work. The objective of credit system is to guarantee the academic recognition of studies through out the world, enabling the students to have access to regular vertical and or horizontal course in any Institutions or the Universities in the world.

### **Types of Credits:**

There will be two types of credits viz a) Credit by Examination and b) Credit by Non-Examination.

- a) Credit by Examination:- Students can earn credit towards his/her Graduation and Post-graduation upon the successful completion of the tests in the credit by examination programme.
- b) Credit by Non-examination:- Students can also earn credit by non-examination by proving his proficiency in State, National and International sports achievements, Social Service (NSS), Military Services (NCC), Colloquium & debate, Cultural programme etc.

**Mechanism of Credit System:-**

Credit is a kind of weightage given to the contact hours to teach the prescribed syllabus, which is in a modular form. Normally one credit is allotted to 15 contact hours. The instructional days as worked out by the UGC is 180 days (30 Weeks). The subjectwise instructional days with a norm of 4 contact hours per week per subject will be of 120 days. That is 60 days or 60 contact hours shall be completed during each semester session. By converting these contact hours into credit at the rate of 15 contact hours for each subject, there will be 4 credits allotted to each subject. There are six subjects at the UG classes and four papers at PG course and three paper at the M. Phil course. It means a UG student has to complete 24 credits in each semester session and a PG student is required to complete 16 credits in each semester session and M. Phil student will have 12 credits, theory examination. There will be 24 credits workload of the M. Phil course divided into theory work (12), seminar work (2), dissertation (8) and viva-voce (2).

There shall be a ceiling of 4.0 minimum credit requirements of cumulative grade point averages for continuation of the corresponding semester course.

**Grade & Grade Points:**

The Student's performance of course will be evaluated by assigning a letter grade on the few point scale as given below, The grade points are the numerical equivalent of letter grade assigned to a student in the ten points scale,

Grades	Grade Points
A+	9
A	8
A-	7
B+	6
B	5
B-	4
C+	3

C	2
C-	1
F	Fail

The grade and grade points and credits shall be calculated as under:-

1. Semester Grade Point Average (SGPA)- means a semester index grade of a student calculated in the

$$SGPA = \frac{(g1 \times c1) + (g2 \times c2) + \dots}{\text{Total number of credit offered by the student during the semester}}$$

2. Cumulative Grade Point Average (CGPA) – means a cumulative index grade point average of a student calculated in a following manner.

$$CGPA = \frac{(g1 \times c1) + (g2 \times c2) + \dots}{\text{Total number of credits offered by the student upto and including the semester for which cumulative index is required}}$$

3. Final Grade Point Average (FGPA) is the final index of a student in the courses. The final grade point average of student in the courses will be worked out on the basis of the formula indicated below:

$$\frac{\sum_{i=1}^n c_i \times g_i}{\sum_{i=1}^n c_i}$$

OR

$$\frac{\sum_{i=1}^n g_i}{\sum_{i=1}^n c_i}$$

Where,

c<sub>i</sub>= Credit of the i the course (Paper)

g<sub>i</sub>= Grade point secured

n= No. of Courses (No. of papers offered)

c= Total number of the credits for whole examination

**Minimum Credits:**

1. The minimum credits for UG course of six semesters will be  $24+24+24+24+24+24=144$  credits.
2. And the minimum credits for PG courses of four semesters will be  $16+16+16+16=64$  credits.
3. For M. Phil theory, the minimum credits will be 12, plus 2 for seminars, 8 for dissertation and 2 for viva-voce. The total minimum credits for M. Phil course will be of 24 credits.

**Evaluation:-**

1. The evaluation system for each course shall be laid down by the respective BOS.
2. There shall not be rounding off of SGPA/CGPA/FGPA.
3. A student who fails in a course shall be required either to repeat that course or to clear another course in lieu thereof irrespective of his/her past performance in the semester if he/she has been awarded a final grade weighted grade of F in that course.
4. A student who secures a grade higher than F in a course may be permitted to improve grade by repeating the course provided that a student willing shall be allowed to do so only if he/she surrenders his/her earlier grade in the course. It will be his/her repeated performance in the course which will be taken into account to compute the SGPA & CGPA.
5. Non-examination credit shall be counted in the overall performance or for required minimum credits.
6. The students shall be further graded on a scale ranging from 9 to Fail. The grades and grade points as shown below will express the level of good students.

Grades	Grades Point	Degree of good students	
A+A	9,8	Distinction Level	Excellent
A- B+	7,6	First Class	Good
B, B-	5,4	Second Class	fair
C+, C C-	3,2 & 1	Pass Class	Satisfactory
F	-	Fail	Unsatisfactory

**Illustrations with an Example:**

1. The number of available contact hours should be allotted to each chapters prescribed in the respective syllabus within a limit of 120 contact hours for the Annual Examination System and 60 contact hours for Semester Exam System.
2. Question papers should be set in a given pattern on the basis of the allotted contact hours spread over the syllabus with equal justice to the chapters so far identified.
3. Each paper or practical or both theory and practical (with equal or varying credits e.g. 4 theory and 4 practicals, or 6 theory and 2 practicals or 2 theory and 6 practicals as the case may be) of 100 Marks ( full or practical as the case may be ) will have 8 credits spread over the respective syllabus prescribed by the BOS and Ad-hoc Boards in all the subjects.
4. The Marks obtained by a candidate in each papers or practicals (out of 100 or any fractions) shall be converted into grades on the basis of the following table.

Grades points	Range of Marks obtained out of 100 or in any Fractions	
0	0	10
1	11	20
2	21	30
3	31	40
4	41	50
5	51	60
6	61	70
7	71	80
8	81	90
9	91	100

## 5. Examples:

**B.A . I**

6 papers with 8 minimum credit each Total minimum credits =48.

1. Papers	English	Marathi	Hindi	Pol. Sci	Economics	Sociology
2. Minimum Credits	8	8	8	8	8	8
3. Grade points obtained	3	5	6	4	6	5
4. c1Xg1	3 X 8	5 X 8	6 X 8	4 X 8	6 X 8	5 X 8
	=24	=40	=48	=32	=48	=40

$$24+40+48+32+48+40=232$$

5.  $\frac{c1 \times g1}{ci}$

$\frac{232}{48}$

6. Over all Grade 4.83 (For continuation to B.A. II minimum 4-00 grade points have to be obtained by a student)

**B.A. II**

1. Papers	English	Logic	Economics		Pol. Sci	
			I	II	I	II
2. Minimum Credits	8	8	8	8	8	8
3. Grade points obtained	2	3	9	8	7	9
4. $c1 \times g1$	$2 \times 8$	$3 \times 8$	$9 \times 8$	$8 \times 8$	$7 \times 8$	$9 \times 8$
	=16	=24	=72	=64	=56	=72
	$16+24+72+64+56+72= 304$					

$$5. \frac{c1 \times g1}{ci} = \frac{304}{48}$$

$$6. CGPA = \frac{c1 \times g1 + c1 + g1}{48 + 48}$$

$$= \frac{232}{48} + \frac{304}{48}$$

$$= \frac{536}{96}$$

$$= \frac{5}{58}$$

**B.A. III**

1. Papers	English	Special		Papers		
		I	II	IV	V	
2. Minimum Credits	8	8	8	8	8	8
3. Grade points obtained	1	0	2	5	1	7
4. $c1 \times g1$	$1 \times 8$	$0 \times 8$	$2 \times 8$	$5 \times 8$	$1 \times 8$	$7 \times 8$
	=8	=0	=16	=40	=8	=56
	$= 8 + 0 + 16 + 40 + 8 + 56= 128$					

$$5. \frac{c1 \times g1}{ci} = \frac{128}{48}$$

$$6. \text{Over all grade} = 2.66$$

$$7. \text{Three years grades} = \frac{232}{48} + \frac{304}{48} + \frac{128}{48}$$

$$= \frac{664}{144}$$

$$= 4.61$$

8. FGPA

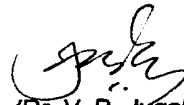
$$\frac{\sum c_1 \times g_1}{\sum c_1} + \frac{\sum c_2}{\sum c_2}$$

$$= \frac{18}{664} + \frac{18}{144}$$

$$= \frac{664}{18} \times \frac{18}{144}$$

$$= \frac{664}{144}$$

$$= 4.61$$



(Dr. V. B. Jugale)  
 Dean, social Science Faculty,  
 Professor & Head,  
 Chairman of the Sub-committee