ANNEXURE-1

UGC GUIDELINES FOR IMPLEMENATION OF CBCS

Definitions of Key Words:

1. **Choice-Based Credit System (CBCS):** CBCS is a flexible system of learning that permits students to,
   1. learn at their own pace,
   2. Choose electives from a wide range of elective courses offered by the University departments,
   3. Adopt an inter-disciplinary approach in learning, and
   4. Make best use of the expertise of available faculty.

2. **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.

3. **Course:** Usually referred to, as 'papers' is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials/laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study etc. or a combination of some of these.

4. **Credit Based Semester System (CBSS):**

   Under the CBSS, the requirement for awarding a degree or diploma or certificate is prescribed in terms of number of credits to be completed by the students.

5. **Credit Point:** It is the product of grade point and number of credits for a course.

6. **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.

7. **Cumulative Grade Point Average (CGPA):**

   It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

8. **Grade Point**: It is a numerical weight allotted to each letter grade on a 10-point scale.

9. **Letter Grade:** It is an index of the performance of students in a said course. Grades are

10. **Programme**: An educational programme leading to award of a Degree, diploma or certificate.

11. **Semester Grade Point Average (SGPA)**:

It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.

12. **Semester**: Each semester will consist of 15-18 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.

13. **Transcript or Grade Card or Certificate:**

Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.

14. **Computation of SGPA and CGPA:**

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

I. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

$$SGPA\ (S_i) = \frac{\sum C_i \times G_i}{\sum C_i}$$

where C_i is the number of credits of the ith course and G_i is the grade point scored by the student in the ith course.

II. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$CGPA = \frac{\sum C_i \times S_i}{\sum C_i}$$

where S_i is the SGPA of the ith semester and C_i is the total number of credits in that semester.

III. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

Marks	Qualitative Meaning	Letter Grades	Grade Points
90-100	Outstanding	O	10
80-89	Excellent	A+	9
70-79	Very Good	A	8
60-69	Good	B+	7
55-59	Above Average	B	6
50-54	Average	C	5
40-49	Pass	P	4
Below 40	Fail	F	0
Absent	Absent	Ab	0

Grading Pattern of evaluation of Answer scripts

N.B. A student obtaining Grade F shall be considered failed and will be required to reappear in the examination.

Grading Pattern of Final Result

CGPA	Qualitative Meaning	Letter Grades
9.0-10	Outstanding	O
8.0-8.99	Excellent	A+
7.0-7.99	Very Good	A
6.0-6.99	Good	B+
5.50-5.99	Above Average	B
5.0-5.49	Average	C
4.0-4.99	Pass	P
Below 4.0	Fail	F
0	Absent	Ab

N.B : 1) The final CGPA will be counted upto two decimal points.

2) The CGPA is computed in the scale of 0 to 10 (zero to ten) formula for converting

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CGPA in to Percentage shall be as follows:

$$Percentage\ (\%) = \left(\frac{\text{Obtained CGPA}}{10}\right) \times 100$$

(For example, if CGPA is 6.90, then Percentage will be $\left(\frac{6.90}{10}\right) \times 100 = 69.0\%$

Illustration

Calculation of SGPA

$$SGPA\ (S_i) = \frac{\sum C_i \times G_i}{\sum C_i}$$

where C_i is the number of credits of the ith courses and

G_i is the grade point scored by the student.

Course	Credit	Marks	Letter Grades	Grade Points	Credit Point
Course-I	4	75	B+	7	4×7=28
Course-II	4	64	B	6	4×6=24
Course-III	4	82	A	8	4×8=32
Course-IV	4	78	B+	7	4×7=28
Course-V	4	84	A	8	4×8=32
	20				144

Thus **SGPA= 144/20= 7.20**

Calculation of CGPA

$CGPA = \sum (C_i \times S_i)/\sum C_i$, Where C_i = Total number of credits in that semester

S_i = SGPA

Semester I	Semester II	Semester III	Semester IV
Credit=20	Credit=20	Credit=20	Credit=20
SGPA=7.2	SGPA=6.5 (suppose)	SGPA=7.8 (suppose)	SGPA=6.2 (suppose)

$CGPA\ (S_i) = \sum (C_i \times S_i)/\sum C_i$ $CGPA = (20 \times 7.2 + 20 \times 6.5 + 20 \times 7.8 + 20 \times 6.2)/80 = 6.9$

TRANSCRIPT

Roll Number: abcd
Name of the Student: XYZ

Program: MA/M.Sc/M.Com……
Duration: 2 Years

Academic Year	Semester	Course	Course Title	Credits	Latter Grade	SGPA	Credits used in SGPA
2013-14	I	Course-01	--	4	B+	7.2	20
		Course -02	--	4	B		
		Course -03	--	4	A		
		Course -04	--	4	B+		
		Course -05	--	4	A		
	II	-----	----	----	----	6.5	20
2014-15	III	-----	-----	----	-----	7.8	20
	IV	-----	-----	----	-----	6.2	20

Total Credits Completed: 80   CGPA =6.9   Letter Grade: **B+**

Percentage of Marks: **69.0%**

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Table (I)

Post Graduate Programs (Science)-Course Structure under CBCS

Semester	Course	Course Title	Credits	Distribution of Credit			Credit Hours/Week				Marks		Full Marks
				L	P	T	L	P	T	Total	Int	End Sem	
I	Foundation Course-I (FC)		3	2	0	1	2	0	2	4	30	70	100
	Core Course-I (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-II (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-III (CC)		3	0	3	0	0	6	0	6	30	70	100
	Core Course-IV (CC)		3	0	3	0	0	6	0	6	30	70	100
	Elective Course-I (EC)		3	2	0	1	2	0	2	4	30	70	100
II	Foundation Course-II (FC)		3	2	0	1	2	0	2	4	30	70	100
	Core Course-V (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-VI (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-VII (CC)		3	0	3	0	0	6	0	6	30	70	100
	Core Course-VIII (CC)		3	0	3	0	0	6	0	6	30	70	100
	Elective Course-II (EC)		3	2	0	1	2	0	2	4			
III	Core Course-IX (CC)		3	2	0	1	2	0	2	4	30	70	100
	Core Course-X (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-XI (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-XII (CC)		3	0	3	0	0	6	0	6	30	70	100
	Elective Course-III (EC) (within the department)		3	0	3	0	0	6	0	6	30	70	100
	Multi-Disciplinary Course I (MDC) (Within the school)		3	2	0	1	2	0	2	4	30	70	100
IV	Core Course-XIII (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-XIV (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-XV (CC)		3	0	3	0	0	6	0	6	30	70	100
	Core Course-XVI (CC)		3	0	3	0	0	6	0	6	30	70	100
	Multi-Disciplinary Course -II (MDC) (within the university)		3	2	0	1	2	0	2	4	30	70	100
	Elective Course-IV (EC) (within the department)		3	2	0	1	2	0	2	4	30	70	100
	Total		80							120	720	1680	2400

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N.B. 1) A class of one hour duration for six days shall be allotted for Library Work for PG Students (6 hours per week)

2) Each Semester is having 30 hours per week.

Table (II)

Post Graduate Programs (Arts & Commerce)-Course Structure under CBCS

Semester	Course	Course Title	Credits	Distribution of Credit			Credit Hours/ Week				Marks		Full Marks
				L	P	T	L	P	T	Total	Int	End Sem	
I	Foundation Course-I (FC)		3	2	0	1	2	0	2	4	30	70	100
	Core Course-I (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-II (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-III (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-IV (CC)		4	3	0	1	3	0	2	5	30	70	100
	Elective Course-I (EC)		3	2	0	1	2	0	2	4	30	70	100
II	Foundation Course-II (FC)		3	2	0	1	2	0	2	4	30	70	100
	Core Course-V (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-VI (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-VII (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-VIII (CC)		4	3	0	1	3	0	2	5	30	70	100
	Elective Course-II (EC)		3	2	0	1	2	0	2	4	30	70	100
III	Core Course-IX (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-X (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-XI (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course-XII (CC)		4	3	0	1	3	0	2	5	30	70	100
	Elective Course-III (EC) (within the department)		3	2	0	1	2	0	2	4	30	70	100
	Multi-Disciplinary Course I (MDC) (Within the school)		3	2	0	1	2	0	2	4	30	70	100
	Core Course- XIII (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course- XIV (CC)		4	3	0	1	3	0	2	5	30	70	100
	Core Course- XV (CC)		4	3	0	1	3	0	2	5	30	70	100

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IV	Core Course- XVI (CC)		4	3	0	1	3	0	2	5	30	70	100
	Multi Disciplinary Course –II (MDC) (within the university)		3	2	0	1	2	0	2	4	30	70	100
	Elective Course-IV (EC) (within the department)		3	2	0	1	2	0	2	4	30	70	100
		Total	88							112	720	1680	2400

N.B. 1) A class of one hour duration for six days shall be allotted for Library Work for PG Students (6 hours per week)

2) Each Semester is having 28 hours per week

3) Each semester uses 22 credits