

Calculation of
W.P. of
Semester - Exp
Courses

JADAVPUR UNIVERSITY
CALCULATION OF WEIGHTAGE OF SGPA TO CALCULATE C.G.P.A AND WEIGHTAGE
OF SEMESTER MARKS TO CALCULATE FINAL PERCENTAGE OF MARKS FOR ALL
THREE EVENING UG(ENG) COURSES

$$W_1 = W_2 = W_3 = W_4 = 0.15 / W_5 = W_6 = W_7 = W_8 = 0.23 \quad W_9 = W_{10} = 0.24$$

$$\text{Semester Grade Point Average SGPA}(S_i) = \frac{\sum C_i \cdot g_i}{\sum C_i} \quad \text{Where } C_i \text{ is the credit hrs}$$

$\frac{.15}{2} = .07$ $\frac{.3}{1.46} = \frac{.21}{1.00}$

$$\sum_{i=1}^m W_i \cdot S_i \quad \text{where } m \text{ is the total no. of Semesters}$$

$$\text{Cumulative Grade Point Average CGPA} = \frac{\sum_{i=1}^m W_i \cdot S_i}{\sum_{i=1}^m W_i} \quad \text{where } W_i \text{ is the weightage in that semester}$$

After Final Semester

$$\text{Aggregate marks (AM)* after final Semester} = \frac{\sum W_i \cdot SM_i}{\sum W_i}$$

where SM_i = total marks for Semester i

- 1st Class with Honours : 75% and above of aggregate marks
- 1st Class : 65% or above but below 75% of aggregate marks
- 2nd Class : 50% or above but below 65% of aggregate marks

Prof. Sadhan Kr. Ghosh, HOD, Mech Eng. Dept

Prof. N.K. Deb, Coordinator

Prof. Samar Bhattacharyya, HOD, Electrical Engg.

Dr. Saroj Kr. Mondal, HOD, Civil Engg dept.

Prof. Satyaki Bhattacharyya, COEJU

Approval for Dec 12/07/13
S. B. Bhattacharyya
 12/7/13
S. B. Bhattacharyya
 Department of Civil Engineering
 Jadavpur University
 Kolkata-700 032
Sivaji Bandopadhyay
 Prof. Sivaji Bandopadhyay
 Dean, FET
 12/7/13

11/7/13

Final approval by The Vice-Chancellor, JU subject to ratification in Examination Board



Jadavpur University
Kolkata - 700032

EXAMINATION RULES

5-Year Bachelor Degree Course in Architecture/ 4-Year Bachelor Degree Courses in Engineering & Pharmacy/3-Year Bachelor of Technology Course in IEE and FTBE

Section - 1 : Qualifying Criteria and Grades

1. A student will be declared pass without any supplementary if he/she scores 50% in aggregate of all the examination papers of both the semesters in the same academic year and ~~40%~~ ^{40%} or more in each examination paper of both the semesters in the same academic year.
2. A student will have supplementary in an examination paper if he/she scores 50% in aggregate of all the examination papers of both the semesters in the same academic year but scores less than 40% in that paper.
3. Pass marks for a sessional paper will be 50.
4. A student will be retained in the same year of study if he/she scores less than 50% in aggregate of all the examination papers of both the semesters in the same academic year, irrespective of the scores in individual examination papers.
5. A student will be retained in the same year of study if he/she fails to clear even one sessional paper in two semesters of an academic year.
6. A student will be retained in the same year of study if he/she fails to fulfill the eligibility criterion regarding class attendance. However, for genuine reasons VC may waive this clause on the basis of recommendation from the Head of the Department.
7. A student will be retained in the same year of study if he/she gets four or more supplementary in two semesters of an academic year.
8. A student will be retained in a particular year of study if he/she fails to clear even one supplementary paper of the immediately preceding year (not applicable for 1st year)
9. A student will have to clear all the papers within eight years from the first year of admission in a particular department under the FET of the university.

10. If it is found that a student is already in his/her eighth year of study in a particular department under the FET of the university when he/she is promoted to the Final year, then he/she will get, if necessary, one additional year of study after the final year to clear all the papers.

11. Year loss or getting supplementary upto two ^{Examination} papers in the entire course of study will not count towards obtaining the Degree with Honours. (Excluded: any type of viva-voce, project, seminar, lab.)

12. In the theoretical and sessional papers, grade will be given as follows:

40% - 49%	-	E (not applicable for sessional)		
50% - 59%	-	D	60% - 69%	- C
70% - 79%	-	B	80% - 89%	- A
90% or more	-	S		

Section - 2 : Marks Distribution and Eligibility Criterion

1. The total marks in any examination paper will be equal to $(0.7 * X + Y)$, where
X = Marks obtained in the semester examination out of 100.
Y = Marks obtained in the class test out of 30.

Result 2. In each examination paper, two class tests will be held for the papers taught by single teacher and one class test will be taken by each teacher for the papers taught by two teachers each of which will be for 30 marks. (Avg of 30)

Result 3. The net class test marks in each examination paper will be the arithmetic mean of the two class test marks of the respective paper.

4. There will be no marks for attendance.

5. A student will be declared eligible to sit for the semester examination only if his/her cumulative attendance in all the examination and sessional papers is equal to or more than 60% in a semester.

6. Eligibility criterion regarding class attendance as well as sessionals will be judged semester-wise. Even if a student is found to be ineligible after the 1st semester, then he/she will be allowed to continue in the 2nd semester to get a chance to clear the 2nd semester theoretical and sessional papers.

7. Eligibility regarding class attendance as well as sessional must be finalized and published within 7 days from the date of dissolution of theoretical classes in each semester.

Section - 3 : Promotion vis-a-vis Supplementary Examination

1. Even if a student gets three or less supplementary in two semesters of a particular year of study, he/she will be promoted to the next higher year of study, provided that he/she fulfills the other necessary conditions.

2. One supplementary examination will be held every year that will start at a date 7 days after the completion of the 2nd semester examination, in which the students will get a chance to clear only the first semester supplementary papers.
3. Another supplementary examination will be held every year that will be completed before the puja vacation, in which the students will get a chance to clear only the second semester supplementary papers.

Result 4. Promotion rule will be applied after the completion of all the three following processes : i) the declaration of results of second semester examination, ii) review ~~XX~~ of second semester examination and iii) the declaration of results of supplementary examination for first semester papers. *Not relevant*

5. Only those students, who have been promoted to the next higher year, will be entitled to sit for the supplementary examination for second semester papers. In other words, the students, who have been retained in the same year due to any one of the reasons enumerated in Cl. 1.4, 1.5, 1.6, 1.7 & 1.8 will not be entitled to sit for the supplementary examination for second semester papers.

Result 6. The process of publication of results followed by review must be completed within 60 days from the completion of the 2nd semester examination. *45 15*

7. During the semester examinations of his/her current year of study (not applicable to 1st year), a student will get another chance to clear his/her supplementary papers of immediately preceding year only, if not cleared already in the supplementary examination.
8. If a student has papers to clear even after the supplementary examination held for the 4th year 2nd semester papers after the 4th year 2nd semester examination, he/she has to clear the papers during the semester and supplementary examinations within three years from his/her 4th year 2nd semester examination, subject to the fulfillment of Cl. 1.9.
9. Every student will get two chances to clear a supplementary paper of any particular year of study as detailed hereafter : i) the first chance in the supplementary examination held for the first semester or second semester of that year of study as the case may be and ii) the second chance in the regular first semester or second semester examinations as the case may be during the immediately next higher year of study (To be read with Cl. 1.8).

Section - 4 : Failure to get Promotion

1. A student retained in a year as per Cl. 1.4, 1.5 & 1.6 will have to take readmission in the same year of study during the next academic year and has to clear again all the examination as well as sessional papers of the concerned semester like a regular student.

Result In other words, he/she will have to attend the classes and sit for class tests afresh in all the examination and sessional papers of the concerned semester. The eligibility criterion based on class attendance will be applicable to him/her, too.
Readmission related to result.

2. A student retained in a year as per Cl. 1.7 & 1.8 will be considered as casual students and will not have to clear any paper other than supplementary papers of a particular semester. NA

3. A student retained in a particular year of study (e.g. 1st year) because of getting more than three supplementary will be a casual student in that year of study (i.e. 1st year) during the next academic year and will need to clear the relevant examination papers by scoring 40 or more in the semester and supplementary examinations. He/she need not sit for class tests again in the respective papers. However, he/she could attend the classes of the concerned papers, if he/she wishes so, but his/her attendance will not be recorded and the eligibility criterion based on class attendance will not be applicable to him/her.

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4. A student retained in a particular year of study (e.g. 2nd year) because of failing to clear supplementary papers of the immediately preceding year (i.e. 1st year), will be a casual student in that particular year of study (i.e. 2nd year) during the next academic year and will need to clear the relevant examination papers only by scoring 40 or more in the semester examination. He/she need not sit again for class test in the respective papers. However, he/she could attend the classes of the concerned papers, if he/she wishes so, but his/her attendance will not be recorded and the eligibility criterion based on class attendance will not be applicable to him/her.

Section - 5 : Readmitted and Casual Students

1. Readmitted Student :

A student will have to take readmission in the following cases :

- a) A student retained in a year of study because of scoring less than 50% in aggregate of all the examination papers of both the semester in the same academic year will have to take readmission during the next academic year in the concerned year of study (Please see Cl. 1.4, too).
- b) A student retained in a year of study because of failing to clear one or more sessional papers of that year will have to take readmission during the next academic year in the concerned year of study. (Please see Cl. 1.5, too).
- c) A student declared ineligible to sit for the semester examination due to non-compliance with the attendance criterion will have to take readmission during the next academic year in the concerned year of study. (Please see Cl. 1.6, too).

2. A student will be allowed to take readmission in a particular year upto a maximum of three consecutive years only, subject to Cl. 1.9, beyond which the studentship will cease to exist.

3. Casual Student :

A student will be considered a casual candidate in the following cases :

- a) A student retained in a particular year of study because of getting more than three supplementary in the year. (Please see Cl. 1.7. too).
 - b) A student retained in a particular year of study because of failing to clear supplementary papers of the immediately preceding year. (Please see Cl. 1.8. too).
 - c) A student retained in 4th year because of failing to clear supplementary papers of 3rd and/or 4th year. (Please see Cl. 3.8. too).
4. A student will be allowed to remain as a casual candidate in a particular year of study upto a maximum of three consecutive years only, subject to Cl. 1.9, beyond which the studentship will cease to exist.
5. The status of a readmitted student will be similar to that of a casual student in a particular semester, if he she has fulfilled all the conditions in that semester of the previous year for not to be retained in the same year as enumerated in Cl. 1.4, 1.5 & 1.6.

STUDENT EVALUATION AND CRADING SYSTEM

FOR UG COURSES IN ENGG., TECH., ARCH., PHARM INCLUDING
PT ENGG. DEGREE COURSES, B.TECH. (IIE AND FTBE) AND MCA

(AS APPROVED BY E.C. VIDE RES. NO. 27 OF ITS MEETING HELD ON
13.03.02)

The prominent features of the credit system are the process of continuous evaluation of a student's performance and the flexibility to allow the student to progress at a pace suited to individual ability / convenience.

Result 1. For Humanities / Sociology.

<u>% Marks obtained</u>	<u>Performance</u>	<u>Grade</u>	<u>Grade Points</u>
70 and above	Outstanding	S	10
65 to 69	Excellent	A	9
60 to 64	Very good	B	8
55 to 59	Good	C	7
50 to 54	Fair	D	6
Less than 50	Unsatisfactory / Fail	X	0

2. For other subjects.

<u>% Marks obtained</u>	<u>Performance</u>	<u>Grade</u>	<u>Grade Points</u>
90 and above	Outstanding	S	10
80 to 89	Excellent	A	9
70 to 79	Very good	B	8
60 to 69	Good	C	7
50 to 59	Fair	D	6
Less than 50	Unsatisfactory / Fail	X	0

Result A Semester / annual grade point average SGPA / AGPA will be computed to assess the performance for each semester / year (for annual system) and will be marked in the Grade Card if a student clears all the subjects in that semester / year.

The calculation of SGPA / AGPA will be as follows :-

$$\text{SGPA/AGPA} = \frac{\sum_{i=1}^n c_i g_i}{\sum_{i=1}^n c_i}$$

where n is the number of subjects (both theoretical and sessional) during the semester / year, c_i is the number of credits allotted to a particular subject g_i is the number of grade points obtained in that subject.

*Result
change*

If a student gets 'x' grades in one or more subjects in a semester/year, his/her SGPA/AGPA in that semester/year will be temporarily withheld and 'BPX' will be marked against SGPA/AGPA in the grade card. A fresh card with suitably calculated SGPA/AGPA will be issued when the student clears (grade D or above) the subject subsequently.

In addition to SGPA/AGPA a cumulative grade point average (CGPA) will be computed at the end of the final semester to assess the cumulative performance of the student. This will be calculated as follows :

$$\text{CGPA} = \frac{\sum_{i=1}^m w_i s_i}{\sum_{i=1}^m w_i}$$

where m is the total number of semester/years (for annual systems) being considered, s_i is the SGPA/AGPA of a particular semester/year and w_i is the weightage in that semester/year and is given by

- (i) 8 - Semester UG : ✓
- $w_1 = w_2 = 0.1$ (1st year)
 - $w_3 = w_4 = 0.2$ (2nd year)
 - $w_5 = w_6 = w_7 = w_8 = 0.35$ (3rd and 4th years)

(ii) 10 - Semester Architecture :
 $w_1 = w_2 = w_3 = w_4 = w_5 = w_6 = 0.1$ (1st, 2nd, and 3rd years)
 $w_7 = w_8 = w_9 = w_{10} = 0.35$ (4th and 5th years)

(iii) 6 - Semester B.Tech. MCA :
 $w_1 = w_2 = 0.3$ (1st year)
 $w_3 = w_4 = w_5 = w_6 = 0.35$ (2nd and 3rd years)

(vi) Part-time UG (2 Semesters and 4 Annuals) :
 ~~$w_1 = w_2 = 0.1$ (1st year)
 $w_3 = w_4 = 0.2$ (2nd and 3rd years)
 $w_5 = w_6 = 0.25$ (4th and 5th years)~~

Penalty
If a student has one or more back paper(s) in any semester year then his / her CGPA from that semester/year onwards will remain incomplete (Inc) till he/she clears all those papers. The CGPA will be marked as Inc in the grade card. Fresh grade card with suitably calculated CGPA will be issued only after he/she all those subjects subsequently.

Result
Both SGPA / AGPA and CGPA will be rounded off to the second place of the decimal and recorded as such.

Final merit list will be prepared on the basis of weighted average marks starting from first year through final year as secured by the students at the end of their final year (for annual system) final year second semester (for semester system).

Medal
The eligibility criteria for medal is that the student must not have any back paper in any semester year.

The percentage of weighted average marks for 1st class (Hons.), 1st class and second class will remain as per existing practice.

Credits will be allotted to the subjects as follows.

- i) One period of lecture + tutorial class per week in a subject will be assigned one credit and maximum credit per theoretical subject will be limited to three only.

- ii) a) Three or four periods of sessional / laboratory classes per week in a semester system for a subject will be assigned two credits.
- b) Two periods of sessional / laboratory classes per week in an annual system for a subject will be assigned two credits.
- c) Four periods of sessional / laboratory classes per week in an annual system for a subject will be assigned four credits.
- iii) Sessional / laboratory classes for more than four periods per week in a semester system for a subject will be assigned three credits.
- iv) For such subjects which exists in the curriculum as sessional / laboratory and for which separate examination are conducted, will be assigned one extra credit for the examination, in addition to the credit assigned for the sessional / laboratory as per items (ii) or (iii) given above.
- v) Seminars / Colloquium classes will be treated as sessional and will be credited as per (ii) and (iii) given above.
- vi) Projects will be treated as sessional subjects. But in order to lay more emphasis, one additional credit will be assigned for it.
- When a project continues for more than one semester/year (for annual system) it will be credited in the semester/year in which the project is completed. In such cases, credits will be assigned based on the average the number of periods per week in all the semester/years, multiplied by the number of semesters/years.
- vii) Final year viva-voce / grand viva will be assigned two credits.
- viii) Industrial training / survey work, for which marks have been allotted in the curriculum, will be assigned two credits.