UNIVERSITY OF CALCUTTA

Grade Sheet

B.Sc. Semester - VI (Honours) Examination (Under CBCS), 2024

(Vide CSR/3/18)

Name: SARBAJIT PAUL   **Registration No.:** 541-1111-0252-21   **Roll No.:** 213541-21-0055

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CMSA-CC13 (Core Course)	SOFTWARE ENGINEERING AND PROJECT DESIGN & DOCUMENTATION	2024	Theoretical	50	21	4	19.440	B+	P
		2024	Practical	30	29	2	18.466		
		2024	Internal Assessment	20	15	-	-		
			Total	100	65	6	37.906		
CMSA-CC14 (Core Course)	THEORY OF COMPUTATION & PROJECT IMPLEMENTATION AND PRESENTATION	2024	Theoretical	50	36	4	28.640	A	P
		2024	Practical	30	28	2	17.734		
		2024	Internal Assessment	20	14	-	-		
			Total	100	78	6	46.374		
CMSA-DSE-A4 (Discipline Specific Elective Course)	MULTIMEDIA AND ITS APPLICATIONS	2024	Theoretical	50	29	4	24.560	A	P
		2024	Practical	30	27	2	17.400		
		2024	Internal Assessment	20	15	-	-		
			Total	100	71	6	41.960		
CMSA-DSE-B3 (Discipline Specific Elective Course)	INTRODUCTION TO COMPUTATIONAL INTELLIGENCE	2024	Theoretical	50	33	4	25.520	B+	P
		2024	Practical	30	25	2	15.534		
		2024	Internal Assessment	20	11	-	-		
			Total	100	69	6	41.054		
			Grand Total	400	283	24	167.294		

Semester Grade Point Average (SGPA) : 6.971

Semester	Year	Full Marks	Marks Obtained	Semester Credit	SGPA	Cumulative Credit	CGPA	Letter Grade	Remarks
I	2021	400	342	20	8.458				
II	2022	400	279	20	6.662				
III	2022	500	350	26	7.177				Good
IV	2023	500	301	26	5.939				
V	2023	400	282	24	6.992				
VI	2024	400	283	24	6.971	140	6.989	B+	

Remarks : Qualified with Honours

Abbreviations
P : Passed in the Course, F : Failed in the Course,
F(TH) : Failed in Theoretical, F(PR) : Failed in Practical, F(TU) : Failed in Tutorial,
AB : Absent, +1 : Grace Mark, EC : Examination Cancelled,
ECDB1 : Debarment for 1 year, ECDB2 : Debarment for 2 year,
N.A. : Not Applicable

CONTROLLER OF EXAMINATIONS

Sl. No. UG-AS-SEM-024/ 0061062

SUBJECTS WITH ABBREVIATIONS FOR B.A./B.Sc. (HONOURS/GENERAL/MAJOR) AND B.Com. (MAJOR) COURSES UNDER CBCS CURRICULUM

Honours & General Subjects having CC, GE (for General Subjects only), DSE & SEC						Major Subjects having CC, DSE & SEC	
Subjects	Honours Code	General Code	Subjects	Honours Code	General Code	Subjects	Code
Ancient Indian & World History	AIWA	AIWG	Islamic History & Culture	IHCA	IHCG	Advertising, Sales Promotion And Sales Management	ASPV
Anthropology	ANTA	ANTG	Journalism & Mass Communication	JORA	JORG	Computer Application	CMAV
Arabic	ARBA	ARBG	Library & Information Studies	LSTA	LSTG	Communicative English	CMEV
Bengali	BNGA	BNGG	Linguistics	LINA	LING	Clinical Nutrition & Dietetics	CNDV
Bio-chemistry	BCMA	BCMG	Mathematics	MTMA	MTMG	Industrial Fish & Fisheries	IFFV
Botany	BOTA	BOTG	Molecular Biology		MLBG	Industrial Chemistry	INCV
Chemistry	CEMA	CEMG	Micro Biology	MCBA	MCBG	Seri Culture	SRTV
Computer Science	CMSA	CMSG	Music	MUCA	MUCG	Tourism & Travel Management	TTMV
Defence Studies	DFSA	DFSG	Pali	PALA	PALG	AECC1 SUBJECTS	
Economics	ECOA	ECOG	Persian	PERA	PERG	Communicative English	ENGM
Education	EDCA	EDCG	Philosophy	PHIA	PHIG	Bengali	BNGM
Electronics	ELTA	ELTG	Physical Education		PEDG	Hindi	HINM
English	ENGA	ENGG	Physics	PHSA	PHSG	Urdu	URDM
Environmental Science	ENVA	ENVG	Physiology	PHYA	PHYG	AECC2 SUBJECTS	
Film Studies		FMSG	Political Science	PLSA	PLSG	Environmental Studies	ENVS
Food And Nutrition	FNTA	FNTG	Psychology	PSYA	PSYG	LCC1 SUBJECT (for B.A. General Course only)	
Geography	GEOA	GEOG	Russian	RUSA	RUSG	English	ENGC
Geology	GELA	GELG	Sanskrit	SANA	SANG	LCC2 SUBJECTS (for B.A. General Course only)	
Hindi	HINA	HING	Social Science	SSCA	SSCG	Bengali	BNGL
History	HISA	HISG	Sociology	SOCA	SOCG	Hindi	HINL
Home Science Extension Education		HSEG	Statistics	STSA	STSG	Urdu	URDL
Household Art	HARA	HARG	Urdu	URDA	URDG	Alternative English	ENGL
Human Development	HMDA	HMDG	Women Studies		WOSG		
Human Rights		HURG	Zoology	ZOOA	ZOOG		

* For B.Com (Major) Course, Generic Elective Subjects as mentioned in concerned CSR (CSR/4/18)

Abbreviations: CC- Core Course, GE - Generic Elective, DSE -Discipline Specific Elective, SEC- Skill Enhancement Course, LCC- Language Core Course, AECC -Ability Enhancement Compulsory Course.

Pass Marks: A candidate has to secure 30% of the full marks in each of theoretical, practical/tutorial component of a course (excluding internal assessment marks), as well as in the course total (including internal assessment marks) in order to earn credit in the course.

Grace Marks: If a candidate fails in a course due to deficit of not more than one mark either in theoretical or in practical/tutorial component or in the course total, then that deficit mark is awarded to the candidate and such deficit mark is shown in the Grade Sheet with + sign.

Credit: All CC/GE/DSE courses have 6 credits each. Courses having tutorial component have 5 credits in theoretical component and 1 credit in tutorial component; courses having practical component have 4 credits in theoretical component and 2 credits in practical component. All AECC/SEC/LCC courses have 2 credits each.

Grade, Grade Point & Credit Point :

Marks obtained by a candidate in a course have been converted to Letter Grade as per the 10-point grading system given below.

Credit Point: Credit point of a course is calculated only if a candidate has passed in that course and has earned the credit. After addition of internal assessment marks to theoretical and practical/tutorial portion in proportion of the full marks of theoretical and practical/tutorial components, the marks are converted to grade points using the formula [3.0+{(P-30)x0.1}], where the candidate secures P% of marks and P ≥ 30. Grade points are then multiplied by respective credits to calculate credit points of theoretical and practical/tutorial components. Course credit points are total of theoretical credit point and practical/tutorial credit points.

Credit point will not be generated for course having status 'F' or 'AB' as well as 'EC' or 'DB'.

Semester Grade Point Average (SGPA) : For each Semester (1-6) SGPA is calculated by using the following formula provided the candidate has passed in all courses of the Semesters.

$SGPA = \frac{\text{Sum of Credit Points of all Courses in the Semester}}{\text{Sum of Credits of all Courses in the Semester}}$,i.e. $[\sum(P_i \times C_i)/\sum C_i]$; {where P_i =numerical grade point obtained in the ith course, C_i = credit in the corresponding course, (i=1 to n, n = number of courses)}

Cumulative Grade Point Average (CGPA): At the final Semester examination CGPA is calculated by the formula given below provided the candidate has passed in all 6 Semesters.

$CGPA = \frac{\text{Sum of Credit Points of all Courses in all 6 Semesters}}{\text{Sum of Credits of all Courses in all 6 Semesters}}$,i.e. $[\sum(SGPA_j \times C_j)/\sum C_j]$; {where $SGPA_j$ is the SGPA of the jth Semester (j= 1 to 6) and C_j is the total credit of the jth Semester}.

Both SGPA and CGPA are rounded off to the third place of the decimal.

Degree: 1. A candidate pursuing Honours Course of study is awarded as below:

    (A)   Honours Degree is awarded if a candidate passed in all 6 Semesters and secures a minimum of CGPA 4.000. Corresponding Letter Grade is awarded as per the table given below.

    (B)   General Degree is awarded if a candidate passed in all 6 Semesters and secures a minimum of CGPA 3.000 but less than 4.000 and corresponding letter Grade is awarded.

2. A candidate pursing General Course of study is awarded General Degree, if passed in all 6 Semesters and secures a minimum of CGPA 3.000. Corresponding Letter Grade is awarded as per the table given below.

3. A candidate pursing Major Course of study is awarded Major Degree if passed in all 6 Semesters and secures a minimum of CGPA 3.000. Corresponding Letter Grade is awarded as per the table given below.

10 Point Grading System				CGPA & Letter Grades		
Percentage of Marks (P)	Letter Grade	Numerical Grade Point		CGPA	Letter Grade	Remarks
90 ≤ P ≤ 100	A++	9.0 - 10.0		9.000 - 10.000	A++	Outstanding
80 ≤ P < 90	A+	8.0 - 8.9		8.000 - 8.999	A+	Excellent
70 ≤ P < 80	A	7.0 - 7.9		7.000 - 7.999	A	Very Good
60 ≤ P < 70	B+	6.0 - 6.9		6.000 - 6.999	B+	Good
50 ≤ P < 60	B	5.0 - 5.9		5.000 - 5.999	B	Average
40 ≤ P < 50	C+	4.0 - 4.9		4.000 - 4.999	C+	Fair
30 ≤ P < 40	C	3.0 - 3.9		3.000 - 3.999	C	Satisfactory
Below 30	F	0		0.000 - 2.999	F	Fail
Absent	AB	0				

Retention of Marks:

    i.   Internal assessment marks obtained by a candidate in a course of a Semester shall be in credit throughout the course of study. Candidates absent in the internal examination will be considered as having obtained zero and the marks will be retained accordingly.

    ii.   If a candidate obtained pass marks in theoretical/practical/tutorial component(s) of a course in a semester, it shall be retained throughout the course of study.

    iii.   If a candidate obtained pass marks in a course in a Semester then marks obtained in all components of the course shall be retained throughout the course of study.

Re-Examination of Answer Scripts:

After publication of result, a candidate can seek re-examination of answer scripts of theoretical component(s) only (excluding the Courses answered through OMR) of not more than two courses provided

    i.   The candidate appeared in all courses in the Semester Examination, and

    ii.   The candidate obtained at least 30% marks in the remaining courses taken together.

Photocopies of assessed Answer Scripts:

After publication of result, a candidate can apply for obtaining the photocopies of assessed answer scripts of theoretical component(s) only (excluding the Courses answered through OMR) for self inspection.