

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(Formerly known as West Bengal University of Technology)



PROVISIONAL GRADE CARD

SECOND YEAR FIRST SEMESTER EXAMINATION OF 2022-23	
NAME : POULAMI DAS	ROLL NO. : 23600122084
REGISTRATION NO : 222360120138 OF 2022-23	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 236-GREATER KOLKATA COLLEGE OF ENGINEERING & MANAGEMENT	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
ESC301	Analog and Digital Electronics	C	6	3.0	18
PCC-CS301	Data Structure & Algorithms	C	6	3.0	18
PCC-CS302	Computer Organisation	B	7	3.0	21
BSC301	Mathematics-III (Differential Calculus)	C	6	2.0	12
HSMC301	Economics for Engineers (Humanities-II)	C	6	3.0	18
PCC-CS393	IT Workshop (Sci Lab/MATLAB/Python/R)	E	9	2.0	18
ES-CS391	Analog and Digital Electronics Lab	A	8	2.0	16
PCC-CS391	Data Structure & Algorithms Lab	A	8	2.0	16
PCC-CS392	Computer Organisation Lab	E	9	2.0	18
			Total	22	155

SGPA ODD. (3rd) SEMESTER : 7.05	
RESULT ODD. (3rd) SEMESTER : P	

*Please report of any discrepancy through college within 7 days,
Otherwise, University will not responsible for any errors in transcripts (if any)*

Kolkata
30-04-2023



Controller of Examinations

1. The table below shows the Letter Grades and their corresponding classification and percentage points

Classification	Letter Grade	Score on 100 Percentage Points	Points
Outstanding	O	100 to 90	10
Excellent	E	89 to 80	9
Very Good	A	79 to 70	8
Good	B	69 to 60	7
Fair	C	59 to 50	6
Below Average	D	49 to 40	5
Failed	F	Below 40	2
Incomplete	I	---	2

2. No Class / Percentage is awarded

3. Result Status: X=Not eligible for Semester Promotion/Degree; XP=Eligible for Promotion with Backlogs; P=Passed and Promoted

4. The method of calculation of Grade Point Average is as follows

$$\text{SGPA (Semester Grade Point Average)} = \frac{\text{Credit Index}}{\sum \text{Credits}}$$

$$\text{YGPA (Yearly Grade Point Average)} = \frac{\text{Credit Index Odd Semester} + \text{Credit Index Even Semester}}{\sum \text{Credits Odd Semester} + \sum \text{Credits Even Semester}}$$

5. For final Degree Grade Point Average (DGPA) the calculation is as under

$$\text{DGPA (For 4 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{5}$$

$$\text{DGPA (For Lateral Entry Students)} = \frac{\text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{4}$$

$$\text{DGPA (For 3 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + \text{YGPA3}}{3}$$

$$\text{DGPA (For 2 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2}}{2}$$

$$\text{DGPA (For 1 Year Degree Course)} = \text{YGPA 1}$$

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

$$\text{CGPA} = \frac{\sum_{k=1}^{k=n} \text{Credit Index of } k^{\text{th}} \text{ Semester}}{\sum_{k=1}^{k=n} \text{Credit of } k^{\text{th}} \text{ Semester}}$$

Where

- n = 4 for 2 Years Programme
- n = 6 for 3 Years Programme
- n = 8 for 4 Years Programme
- n = 10 for 5 Years Programme

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
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PROVISIONAL GRADE CARD

SECOND YEAR SECOND SEMESTER EXAMINATION OF 2023-24	
NAME : POULAMI DAS	ROLL NO. : 23600122084
REGISTRATION NO : 222360120138 OF 2022-23	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 236-GREATER KOLKATA COLLEGE OF ENGINEERING & MANAGEMENT	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
PCC-CS401	Discrete Mathematics	D	5	4.0	20
PCC-CS402	Computer Architecture	C	6	3.0	18
PCC-CS403	Formal Language & Automata Theory	B	7	3.0	21
PCC-CS404	Design & Analysis of Algorithms	C	6	3.0	18
BSC 401	Biology	D	5	3.0	15
MC401	Environmental Sciences	C	6	1.0	6
PCC-CS 492	Computer Architecture	E	9	2.0	18
PCC-CS494	Design & Analysis of Algorithms	E	9	2.0	18
			Total	21	134

SGPA EVEN. (4th) SEMESTER : 6.38	
RESULT EVEN. (4th) SEMESTER : P	

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Kolkata
16-07-2024


 Controller of Examinations

1. The table below shows the Letter Grades and their corresponding classification and percentage points

Classification	Letter Grade	Score on 100 Percentage Points	Points
Outstanding	O	100 to 90	10
Excellent	E	89 to 80	9
Very Good	A	79 to 70	8
Good	B	69 to 60	7
Fair	C	59 to 50	6
Below Average	D	49 to 40	5
Failed	F	Below 40	2
Incomplete	I	---	2

2. No Class / Percentage is awarded

3. Result Status: X=Not eligible for Semester Promotion/Degree; XP=Eligible for Promotion with Backlogs; P=Passed and Promoted

4. The method of calculation of Grade Point Average is as follows

$$\text{SGPA (Semester Grade Point Average)} = \frac{\text{Credit Index}}{\sum \text{Credits}}$$

$$\text{YGPA (Yearly Grade Point Average)} = \frac{\text{Credit Index Odd Semester} + \text{Credit Index Even Semester}}{\sum \text{Credits Odd Semester} + \sum \text{Credits Even Semester}}$$

5. For final Degree Grade Point Average (DGPA) the calculation is as under

$$\text{DGPA (For 4 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{5}$$

$$\text{DGPA (For Lateral Entry Students)} = \frac{\text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{4}$$

$$\text{DGPA (For 3 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + \text{YGPA3}}{3}$$

$$\text{DGPA (For 2 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2}}{2}$$

$$\text{DGPA (For 1 Year Degree Course)} = \text{YGPA 1}$$

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

$$\text{CGPA} = \frac{\sum_{k=1}^{k=n} \text{Credit Index of } k^{\text{th}} \text{ Semester}}{\sum_{k=1}^{k=n} \text{Credit of } k^{\text{th}} \text{ Semester}}$$

Where

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PROVISIONAL GRADE CARD

THIRD YEAR FIRST SEMESTER EXAMINATION OF 2023-24	
NAME : POULAMI DAS	ROLL NO. : 23600122084
REGISTRATION NO : 222360120138 OF 2022-23	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 236-GREATER KOLKATA COLLEGE OF ENGINEERING & MANAGEMENT	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
ESC501	Software Engineering	A	8	3.0	24
PCC-CS501	Compiler Design	B	7	3.0	21
PCC-CS502	Operating Systems	B	7	3.0	21
PCC-CS503	Object Oriented Programming	B	7	3.0	21
HSMC-501	Introduction to Industrial Management (Humanities III)	E	9	3.0	27
PEC-IT501B	Artificial Intelligence	B	7	3.0	21
MC-CS501	Constitution of India/ Essence of Indian Knowledge Tradition	O	10	0.0	0
ESC591	Software Engineering	O	10	2.0	20
PCC-CS592	Operating Systems	O	10	2.0	20
PCC-CS593	Object Oriented Programming	E	9	2.0	18
			Total	24	193

SGPA ODD. (5th) SEMESTER : 8.04	
RESULT ODD. (5th) SEMESTER : P	

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Kolkata
15-04-2024


 Controller of Examinations

1. The table below shows the Letter Grades and their corresponding classification and percentage points

Classification	Letter Grade	Score on 100 Percentage Points	Points
Outstanding	O	100 to 90	10
Excellent	E	89 to 80	9
Very Good	A	79 to 70	8
Good	B	69 to 60	7
Fair	C	59 to 50	6
Below Average	D	49 to 40	5
Failed	F	Below 40	2
Incomplete	I	---	2

2. No Class / Percentage is awarded

3. Result Status: X=Not eligible for Semester Promotion/Degree; XP=Eligible for Promotion with Backlogs; P=Passed and Promoted

4. The method of calculation of Grade Point Average is as follows

$$\text{SGPA (Semester Grade Point Average)} = \frac{\text{Credit Index}}{\sum \text{Credits}}$$

$$\text{YGPA (Yearly Grade Point Average)} = \frac{\text{Credit Index Odd Semester} + \text{Credit Index Even Semester}}{\sum \text{Credits Odd Semester} + \sum \text{Credits Even Semester}}$$

5. For final Degree Grade Point Average (DGPA) the calculation is as under

$$\text{DGPA (For 4 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{5}$$

$$\text{DGPA (For Lateral Entry Students)} = \frac{\text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{4}$$

$$\text{DGPA (For 3 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + \text{YGPA3}}{3}$$

$$\text{DGPA (For 2 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2}}{2}$$

$$\text{DGPA (For 1 Year Degree Course)} = \text{YGPA 1}$$

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

$$\text{CGPA} = \frac{\sum_{k=1}^{k=n} \text{Credit Index of } k^{\text{th}} \text{ Semester}}{\sum_{k=1}^{k=n} \text{Credit of } k^{\text{th}} \text{ Semester}}$$

Where

- n = 4 for 2 Years Programme
- n = 6 for 3 Years Programme
- n = 8 for 4 Years Programme
- n = 10 for 5 Years Programme

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
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PROVISIONAL GRADE CARD

THIRD YEAR SECOND SEMESTER EXAMINATION OF 2023-24	
NAME : POULAMI DAS	ROLL NO. : 23600122084
REGISTRATION NO : 222360120138 OF 2022-23	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 236-GREATER KOLKATA COLLEGE OF ENGINEERING & MANAGEMENT	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
PCC-CS601	Database Management Systems	E	9	3.0	27
PCC-CS602	Computer Networks	C	6	3.0	18
PEC-IT601D	Image Processing	A	8	3.0	24
PEC-IT602B	Data Warehousing and Data Mining	D	5	3.0	15
OEC-IT601A	Numerical Methods	C	6	3.0	18
PROJ-CS601	Research Methodology	O	10	3.0	30
PCC-CS691	Database Management Systems	E	9	2.0	18
PCC-CS692	Computer Networks	O	10	2.0	20
			Total	22	170

SGPA EVEN. (6th) SEMESTER : 7.73	
RESULT EVEN. (6th) SEMESTER : P	

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Kolkata
16-07-2024



Controller of Examinations

1. The table below shows the Letter Grades and their corresponding classification and percentage points

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Excellent	E	89 to 80	9
Very Good	A	79 to 70	8
Good	B	69 to 60	7
Fair	C	59 to 50	6
Below Average	D	49 to 40	5
Failed	F	Below 40	2
Incomplete	I	---	2

2. No Class / Percentage is awarded

3. Result Status: X=Not eligible for Semester Promotion/Degree; XP=Eligible for Promotion with Backlogs; P=Passed and Promoted

4. The method of calculation of Grade Point Average is as follows

$$\text{SGPA (Semester Grade Point Average)} = \frac{\text{Credit Index}}{\sum \text{Credits}}$$

$$\text{YGPA (Yearly Grade Point Average)} = \frac{\text{Credit Index Odd Semester} + \text{Credit Index Even Semester}}{\sum \text{Credits Odd Semester} + \sum \text{Credits Even Semester}}$$

5. For final Degree Grade Point Average (DGPA) the calculation is as under

$$\text{DGPA (For 4 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{5}$$

$$\text{DGPA (For Lateral Entry Students)} = \frac{\text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{4}$$

$$\text{DGPA (For 3 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + \text{YGPA3}}{3}$$

$$\text{DGPA (For 2 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2}}{2}$$

$$\text{DGPA (For 1 Year Degree Course)} = \text{YGPA 1}$$

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

$$\text{CGPA} = \frac{\sum_{k=1}^{k=n} \text{Credit Index of } k^{\text{th}} \text{ Semester}}{\sum_{k=1}^{k=n} \text{Credit of } k^{\text{th}} \text{ Semester}}$$

Where

- n = 4 for 2 Years Programme
- n = 6 for 3 Years Programme
- n = 8 for 4 Years Programme
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PROVISIONAL GRADE CARD

FOURTH YEAR FIRST SEMESTER EXAMINATION OF 2024-25	
NAME : POULAMI DAS	ROLL NO. : 23600122084
REGISTRATION NO : 222360120138 OF 2022-23	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 236-GREATER KOLKATA COLLEGE OF ENGINEERING & MANAGEMENT	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
PEC-CS701E	Machine learning	A	8	3.0	24
PEC-CS702E	Cyber Security	A	8	3.0	24
OECCS701B	Multimedia Systems	B	7	3.0	21
HSMC701	Project Management and Entrepreneurship	A	8	3.0	24
PROJ-CS781	Project-II	O	10	6.0	60
			Total	18	153

SGPA ODD. (7th) SEMESTER : 8.5	
RESULT ODD. (7th) SEMESTER : P	

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Kolkata
10-02-2025



Controller of Examinations

1. The table below shows the Letter Grades and their corresponding classification and percentage points

Classification	Letter Grade	Score on 100 Percentage Points	Points
Outstanding	O	100 to 90	10
Excellent	E	89 to 80	9
Very Good	A	79 to 70	8
Good	B	69 to 60	7
Fair	C	59 to 50	6
Below Average	D	49 to 40	5
Failed	F	Below 40	2
Incomplete	I	---	2

2. No Class / Percentage is awarded

3. Result Status: X=Not eligible for Semester Promotion/Degree; XP=Eligible for Promotion with Backlogs; P=Passed and Promoted

4. The method of calculation of Grade Point Average is as follows

$$\text{SGPA (Semester Grade Point Average)} = \frac{\text{Credit Index}}{\sum \text{Credits}}$$

$$\text{YGPA (Yearly Grade Point Average)} = \frac{\text{Credit Index Odd Semester} + \text{Credit Index Even Semester}}{\sum \text{Credits Odd Semester} + \sum \text{Credits Even Semester}}$$

5. For final Degree Grade Point Average (DGPA) the calculation is as under

$$\text{DGPA (For 4 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{5}$$

$$\text{DGPA (For Lateral Entry Students)} = \frac{\text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{4}$$

$$\text{DGPA (For 3 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + \text{YGPA3}}{3}$$

$$\text{DGPA (For 2 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2}}{2}$$

$$\text{DGPA (For 1 Year Degree Course)} = \text{YGPA 1}$$

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

$$\text{CGPA} = \frac{\sum_{k=1}^{k=n} \text{Credit Index of } k^{\text{th}} \text{ Semester}}{\sum_{k=1}^{k=n} \text{Credit of } k^{\text{th}} \text{ Semester}}$$

Where

- n = 4 for 2 Years Programme
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- n = 8 for 4 Years Programme
- n = 10 for 5 Years Programme

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
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PROVISIONAL GRADE CARD

FOURTH YEAR SECOND SEMESTER EXAMINATION OF 2024-25	
NAME : POULAMI DAS	ROLL NO. : 23600122084
REGISTRATION NO : 222360120138 OF 2022-23	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 236-GREATER KOLKATA COLLEGE OF ENGINEERING & MANAGEMENT	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
PEC- CS801D	Web and Internet Technology	A	8	3.0	24
OEC- CS801E	Soft Skill & Interpersonal Communication	C	6	3.0	18
OEC- CS802A	E-Commerce and ERP	D	5	3.0	15
PROJ- CS881	Project-III	O	10	6.0	60
			Total	15	117

SGPA EVEN. (8th) SEMESTER : 7.8	CGPA
RESULT EVEN. (8th) SEMESTER : P	7.56
	Completed in 2024-25(Even Sem)

MANDATORY ADDITIONAL REQUIREMENT(MAR)	Minimum Score Required: 75	Obtained Score:	100	Status:	Qualified
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N.B.

**Seperate Certificate for MAR would be Issued.*

Kolkata
04-07-2025



Controller of Examinations

1. The table below shows the Letter Grades and their corresponding classification and percentage points

Classification	Letter Grade	Score on 100 Percentage Points	Points
Outstanding	O	100 to 90	10
Excellent	E	89 to 80	9
Very Good	A	79 to 70	8
Good	B	69 to 60	7
Fair	C	59 to 50	6
Below Average	D	49 to 40	5
Failed	F	Below 40	2
Incomplete	I	---	2

2. No Class / Percentage is awarded

3. Result Status: X=Not eligible for Semester Promotion/Degree; XP=Eligible for Promotion with Backlogs; P=Passed and Promoted

4. The method of calculation of Grade Point Average is as follows

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$$\text{DGPA (For 2 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2}}{2}$$

$$\text{DGPA (For 1 Year Degree Course)} = \text{YGPA 1}$$

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

$$\text{CGPA} = \frac{\sum_{k=1}^{k=n} \text{Credit Index of } k^{\text{th}} \text{ Semester}}{\sum_{k=1}^{k=n} \text{Credit of } k^{\text{th}} \text{ Semester}}$$

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