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 2023-24	
NAME : DEBJIT DAS	ROLL NO. : 11900123171
REGISTRATION NO : 231190120055 OF 2023-24	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 119-SILIGURI INSTITUTE OF TECHNOLOGY	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
ESC301	Analog and Digital Electronics	B	7	3.0	21
PCC-CS301	Data Structure & Algorithms	E	9	3.0	27
PCC-CS302	Computer Organisation	E	9	3.0	27
BSC301	Mathematics-III (Differential Calculus)	D	5	2.0	10
HSMC301	Economics for Engineers (Humanities-II)	B	7	3.0	21
PCC-CS393	IT Workshop (Sci Lab/MATLAB/Python/R)	O	10	2.0	20
ES-CS391	Analog and Digital Electronics Lab	O	10	2.0	20
PCC-CS391	Data Structure & Algorithms Lab	O	10	2.0	20
PCC-CS392	Computer Organisation Lab	O	10	2.0	20
			Total	**22**	**186**

SGPA ODD. (3rd) SEMESTER : 8.45	
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)

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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

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

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

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

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

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

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

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

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

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

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

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
(Formerly known as West Bengal University of Technology)

PROVISIONAL GRADE CARD

SECOND YEAR SECOND SEMESTER EXAMINATION OF 2023-24	
NAME : DEBJIT DAS	ROLL NO. : 11900123171
REGISTRATION NO : 231190120055 OF 2023-24	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 119-SILIGURI INSTITUTE OF TECHNOLOGY	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
PCC-CS401	Discrete Mathematics	B	7	4.0	28
PCC-CS402	Computer Architecture	B	7	3.0	21
PCC-CS403	Formal Language & Automata Theory	D	5	3.0	15
PCC-CS404	Design & Analysis of Algorithms	A	8	3.0	24
BSC 401	Biology	B	7	3.0	21
MC401	Environmental Sciences	B	7	1.0	7
PCC-CS 492	Computer Architecture	E	9	2.0	18
PCC-CS494	Design & Analysis of Algorithms	O	10	2.0	20
			Total	21	154

SGPA EVEN. (4th) SEMESTER : 7.33	
RESULT EVEN. (4th) SEMESTER : P	

Please report of any discrepancy through college within 7 days,

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Controller of Examinations

Kolkata
27-08-2024

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

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

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

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

$$\textbf{DGPA (For 4 Year Degree Course)} = \frac{YGPA1 + YGPA2 + 1.5*\,YGPA3 + 1.5*\,YGPA4}{5}$$

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

$$\textbf{DGPA (For 3 Year Degree Course)} = \frac{YGPA1 + YGPA2 + YGPA3}{3}$$

$$\textbf{DGPA (For 2 Year Degree Course)} = \frac{YGPA1 + YGPA2}{2}$$

$$\textbf{DGPA (For 1 Year Degree Course)} = YGPA1$$

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

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

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 FIRST SEMESTER EXAMINATION OF 2024-25	
NAME : DEBJIT DAS	ROLL NO. : 11900123171
REGISTRATION NO : 231190120055 OF 2023-24	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 119-SILIGURI INSTITUTE OF TECHNOLOGY	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
ESC501	Software Engineering	A	8	3.0	24
PCC-CS501	Compiler Design	E	9	3.0	27
PCC-CS502	Operating Systems	A	8	3.0	24
PCC-CS503	Object Oriented Programming	E	9	3.0	27
HSMC-501	Introduction to Industrial Management (Humanities III)	A	8	3.0	24
PEC-IT501B	Artificial Intelligence	A	8	3.0	24
MC-CS501 *	Constitution of India/ Essence of Indian Knowledge Tradition	Q #	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	O	10	2.0	20
			Total	24	210

SGPA ODD. (5th) SEMESTER : 8.75	
RESULT ODD. (5th) SEMESTER : P	

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

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* - Audit Course

- Q - Qualified , NQ - Not Qualified

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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

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

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

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

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

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

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

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

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

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

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

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 2024-25	
NAME : DEBJIT DAS	ROLL NO. : 11900123171
REGISTRATION NO : 231190120055 OF 2023-24	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 119-SILIGURI INSTITUTE OF TECHNOLOGY	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
PCC-CS601	Database Management Systems	E	9	3.0	27
PCC-CS602	Computer Networks	B	7	3.0	21
PEC-IT601B	Distributed Systems	A	8	3.0	24
PEC-IT602B	Data Warehousing and Data Mining	E	9	3.0	27
OEC-IT601A	Numerical Methods	E	9	3.0	27
CS601	Research Methodology	A	8	3.0	24
PCC-CS691	Database Management Systems	O	10	2.0	20
PCC-CS692	Computer Networks	O	10	2.0	20
			Total	**22**	**190**

SGPA EVEN. (6th) SEMESTER : 8.64	
RESULT EVEN. (6th) SEMESTER : P	

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Controller of Examinations

Kolkata
04-07-2025

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

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

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

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

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

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

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

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

DGPA
(For 1 Year Degree Course) $=$ YGPA 1

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

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

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