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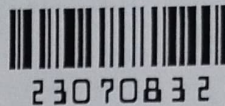
(Formerly known as West Bengal University of Technology)

MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY,
WEST BENGAL

Utech

GRADE CARD

851018

23070832

SECOND YEAR FIRST SEMESTER EXAMINATION OF 2022-23

Name : KALYANI TUDU

Registration No.: 211120100110012 OF 2021-22   Roll No. : 11200121048

Program: **BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING**

College /Institution : **GOVERNMENT COLLEGE OF ENGINEERING AND LEATHER TECHNOLOGY-112**

Subject Code	Subjects offered	Letter Grade	Points	Credits	Credit Points
ESC301	ANALOG AND DIGITAL ELECTRONICS	D	5	3.0	15
PCC-CS301	DATA STRUCTURE & ALGORITHMS	C	6	3.0	18
PCC-CS302	COMPUTER ORGANISATION	C	6	3.0	18
BSC301	MATHEMATICS-III (DIFFERENTIAL CALCULUS)	B	7	2.0	14
HSMC301	ECONOMICS FOR ENGINEERS (HUMANITIES-II)	C	6	3.0	18
PCC-CS393	IT WORKSHOP (SCI LAB/MATLAB/PYTHON/R)	O	10	2.0	20
ES-CS391	ANALOG AND DIGITAL ELECTRONICS LAB	A	8	2.0	16
PCC-CS391	DATA STRUCTURE & ALGORITHMS LAB	O	10	2.0	20
PCC-CS392	COMPUTER ORGANISATION LAB	E	9	2.0	18
			Total	**22.0**	**157**

SGPA :   ODD (3rd) SEMESTER 7.14

Semester Result :   P

Kolkata, The   30th April,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. Medium of Instruction : English

3. No Class/Percentage is awarded

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

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

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

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

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

$$\text{DGPA (For 5 Year Degree Course)} = \frac{YGPA1 + YGPA2 + YGPA3 + YGPA4 + YGPA5}{5}$$

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

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

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

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

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

7. 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
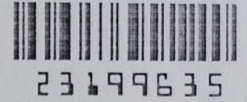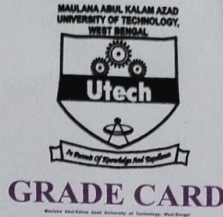n = 8 for 4 Years Programme
n = 10 for 5 Years Programme

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MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

Utech

GRADE CARD

960104

SECOND YEAR SECOND SEMESTER EXAMINATION OF 2022-23

Name : KALYANI TUDU

Registration No.: 211120100110012 OF 2021-22   Roll No. : 11200121048

Program: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING

College /Institution : GOVERNMENT COLLEGE OF ENGINEERING AND LEATHER TECHNOLOGY-112

Subject Code	Subjects offered	Letter Grade	Points	Credits	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	B	7	3.0	21
PCC-CS404	DESIGN & ANALYSIS OF ALGORITHMS	B	7	3.0	21
BSC 401	BIOLOGY	B	7	3.0	21
MC401	ENVIRONMENTAL SCIENCES	C	6	1.0	6
PCC-CS 492	COMPUTER ARCHITECTURE	E	9	2.0	18
PCC-CS494	DESIGN & ANALYSIS OF ALGORITHMS	O	10	2.0	20
			Total	21.0	156

SGPA : EVEN (4th) SEMESTER 7.43

Semester Result : P

Kolkata, The   12th July,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. Medium of Instruction : English

3. No Class/Percentage is awarded

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

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

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

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

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

$$\text{DGPA (For 5 Year Degree Course)} = \frac{YGPA1 + YGPA2 + YGPA3 + YGPA4 + YGPA5}{5}$$

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

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

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

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

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

7. 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