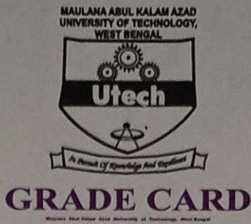


MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(Formerly known as West Bengal University of Technology)



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SECOND YEAR SECOND SEMESTER EXAMINATION OF 2022-23

Name : SWAGATA SAMANTA

Registration No.: 211420100110035 OF 2021-22

Roll No. : 14200121036

Program: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING

College /Institution : MEGHNAD SAHA INSTITUTE OF TECHNOLOGY-142

Subject Code	Subjects offered	Letter Grade	Points	Credits	Credit Points
PCC-CS401	DISCRETE MATHEMATICS	A	8	4.0	32
PCC-CS402	COMPUTER ARCHITECTURE	A	8	3.0	24
PCC-CS403	FORMAL LANGUAGE & AUTOMATA THEORY	A	8	3.0	24
PCC-CS404	DESIGN & ANALYSIS OF ALGORITHMS	E	9	3.0	27
BSC 401	BIOLOGY	A	8	3.0	24
MC401	ENVIRONMENTAL SCIENCES	C	6	1.0	6
PCC-CS 492	COMPUTER ARCHITECTURE	O	10	2.0	20
PCC-CS494	DESIGN & ANALYSIS OF ALGORITHMS	O	10	2.0	20
			Total	21.0	177

SGPA : EVEN (4th) SEMESTER 8.43

Semester Result : P

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

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

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

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

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

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

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

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

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

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

7. CUMULATIVE GRADE POINT AVERAGE (CGPA)

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

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