

**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 2022-23                |                        |
|---|------------------------|
| NAME : ARNAB MANNA  | ROLL NO. : 14200121060 |
| REGISTRATION NO : 211420100110060 OF 2021-22                      |                        |
| PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING |                        |
| COLLEGE / INSTITUTION: 142-MEGHNAD SAHA INSTITUTE OF TECHNOLOGY   |                        |

| Subject Code | Subjects Offered                  | Letter Grade | Points       | Credit    | Credit Points |
|--------------|-----------------------------------|--------------|--------------|-----------|---------------|
| PCC-CS401    | Discrete Mathematics              | C            | 6            | 4.0       | 24            |
| 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                           | C            | 6            | 3.0       | 18            |
| MC401        | Environmental Sciences            | E            | 9            | 1.0       | 9             |
| PCC-CS 492   | Computer Architecture             | O            | 10           | 2.0       | 20            |
| PCC-CS494    | Design & Analysis of Algorithms   | E            | 9            | 2.0       | 18            |
|              |                                   |              | <b>Total</b> | <b>21</b> | <b>149</b>    |

|                                 |  |
|---------------------------------|--|
| SGPA EVEN. (4th) SEMESTER : 7.1 |  |
| RESULT EVEN. (4th) 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  
12-07-2023

  
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)

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

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