# Indian Institute of Technology Madras

## PROGRESS CARD

**Name:ANMOL NARAYAN   Roll Number:21F1002202**

**Program: BS in Data Science and Applications**
**Current Level: DIPLOMA**

| Term | Course | Title | Credit | Category | Grade |
|------|--------|-------|--------|----------|-------|
| JAN 2021 | HS1001 | English I | 4 | FL | B |
| JAN 2021 | CS1001 | Computational Thinking | 4 | FL | C |
| JAN 2021 | MA1001 | Mathematics for Data Science I | 4 | FL | C |
| JAN 2021 | MA1002 | Statistics for Data Science I | 4 | FL | D |
| MAY 2021 | HS1002 | English II | 4 | FL | A |
| MAY 2021 | CS1002 | Programming in Python | 4 | FL | C |
| MAY 2021 | MA1003 | Mathematics for Data Science II | 4 | FL | C |
| SEP 2021 | MA1004 | Statistics for Data Science II | 4 | FL | C |
| JAN 2022 | CS2001 | Database Management Systems | 4 | DP | B |
| JAN 2022 | CS2002 | Programming, Data Structures and Algorithms using Python | 4 | DP | C |
| JAN 2022 | SE2001 | System Commands | 3 | DP | D |
| MAY 2022 | CS2003 | Modern Application Development I | 4 | DP | A |
| MAY 2022 | CS2005 | Programming Concepts using Java | 4 | DP | B |
| SEP 2022 | CS2006 | Modern Application Development II | 4 | DP | WA |
| SEP 2022 | CS2004 | Machine Learning Foundations | 4 | DD | WA |
| JAN 2023 | CS2006P | Modern Application Development II - Project | 2 | DP | I |
| SEP 2023 | CS2003P | Modern Application Development I- Project | 2 | DP | S |
| SEP 2023 | CS2004 | Machine Learning Foundations | 4 | DD | B |

**Coordinator**
**IIT Madras BS Program**

Date:30 March  2024
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Cumulative Grade Point Average (CGPA) Summary

| Category | Foundation Level (FL) | Diploma - Programming (DP) | Diploma - Data Science (DD) | Degree - Programming (BP) | Degree-Data Science (BD) | Humanities & Management (HM) | Science and Engineering (SE) | Total |
|----------|------|------|------|------|------|------|------|-------|
| Min.Required Credits | 32 | 23 | 23 | 0 | 0 | 8 | 0 | 142 |
| Earned Credits | 32 | 21 | 4 | 0 | 0 | 0 | 0 | 57 |
| Transferred Credits Φ | - | - | - | - | - | - | - | 0 |
| CGPA | 7.25 | 7.9 | 8.0 | 0 | 0 | 0 | 0 | 7.54 |

Φ Transfererred Credits are not considered for CGPA calculation. Transferred Credits + Earned Credits should meet the total credit requirement

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# BS in Data Science and Applications

| Grade | | Remarks |
|---|---|---|
| Code | Points | |
| S | 10 | --- |
| A | 9 | --- |
| B | 8 | --- |
| C | 7 | --- |
| D | 6 | --- |
| E | 4 | --- |
| U | 0 | --- |
| P | 0 | Pass |
| F | 0 | Fail |
| WA / WQ | 0 | Not eligible for Exam |
| I | 0 | Course Incomplete |

**Grades 'S' to 'E' and 'P' indicate successful completion of course.**

The Grade of course(s) under the Pass/Fail category are not included towards CGPA Calculation.

$$CGPA = \frac{\sum_i (C_i \times GP)}{\sum_i C_i}$$

where    $C_i$ = credit of the course

$GP$ = Grade point for that course, and

$\sum_i$ = is the sum over all registered courses succesfully cleared during all the semester including those in which the student obtained 'U' and 'W' grades but not cleared.

**The medium of instruction is English at this Institute**

The formula for converting CGPA to percentage is **Percentage = CGPA x 10**