Indian Institute of Technology Madras, Chennai - 600036

B.Sc. Termwise Progress Card

Roll No: 21F1000353   **Name: SAMPAD KUMAR KAR**

Program: B.Sc. in Programming and Data Science

Course	Title	Cat	Cr	Gr	Course	Title	Cat	Cr	Gr
First Term (JAN-APR 2021)									
CS1001	Computational Thinking	FL	4	S					
HS1001	English I	FL	4	A					
MA1001	Mathematics for Data Science I	FL	4	S					
MA1002	Statistics for Data Science I	FL	4	S					

Earned Credit: 16   GPA: 9.8   CGPA: 9.8

Cumulative Grade Point Average (CGPA) Summary

Cat	Foundational Level (FL)	Diploma - Data Science (DD)	Diploma - Programming (DP)	BSc Level (BL)	Total
Min. Required Credits	32	22	22	40	116
Earned Credits	16	-	-	-	16
Transferred Credits	0	0	0	0	0
CGPA	9.8	0	0	0	9.8

Ï• Transfer Credits are not considered for CGPA calculation. Transferred Credits + Earned Credits should meet the total credit requirement.

Coordinator
IIT Madras BSc Program

Date: 09 June 2021

Scan QR code to verify the progress card.

Degree in Programming and Data Science (B.Sc.)

Grade		Remarks
Code	Points	
S	10	---
A	9	---
B	8	---
C	7	---
D	6	---
E	4	---
U	0	---
P	0	Pass
F	0	Fail
W	0	Not eligible for End Term Exam
I	0	Absent for End Term Exam
DR	0	Dropped out of Course

Grades 'S' to 'E' and 'P' indicate successful completion of course.
Courses with grade 'I', 'P' or 'F' do not count towards GPA or CGPA calculation.

For award of Degree, the student has to earn the minimum credits mentioned under the "Total" and also satisfy the category-wise credit requirement as per *CGPA summary table* in the front page.

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

where C_i = credit of the course

GP = Grade point based on the letter grade obtained for the course

$\sum_i C_i$ = the sum of credits of all courses taken in that term, including those in which the learner has secured U / W grades.

For the cumulative grade point average (CGPA), a similar formula is used where the sum $\sum_i C_i$ is the sum of credits of all courses taken in all the terms successfully completed up to that point in time. If a course was repeated for any reason, the best grade obtained will be considered.

The medium of instruction is English at this Institute

Note: No class or Division is awarded at this Institute. However, Senate has approved the formula PERCENTAGE = 10 × (CGPA) for converting CGPA to percentage