Indian Institute of Technology Madras

B.S. Termwise Progress Card

Roll No: 23F1003042   **Name: ARSHNOOR**

Program: BS in Data Science and Applications

Course	Title	Cat	Cr	Gr	Course	Title	Cat	Cr	Gr
	FIRST TERM(JAN-APR 2023)								
CS1001	Computational Thinking	FL	4	S					
MA1001	Mathematics for Data Science I	FL	4	A					

Earned Credit : 8   GPA : 9.5   CGPA : 9.5

	SECOND TERM(MAY-AUG 2023)								
HS1001	English I	FL	4	A					
MA1003	Mathematics for Data Science II	FL	4	B					

Earned Credit : 8   GPA : 8.5   CGPA : 9.0

Cumulative Grade Point Average (CGPA) Summary

Cat	Foundation Level (FL)	Diploma - Programming (DP)	Diploma - Data Science (DD)	Degree - Programming (BP)	Degree - Data Science (BD)	Humanities and Management (HM)	Science and Engineering (SE)	Total
Min. Required Credits	32	27	27	16	16	8	0	142
Earned Credits	16	0	0	0	0	0	0	16
Transferred Credits Φ	-	-	-	-	-	-	-	-
CGPA	9	0.0	0	0	0	0	0	9

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

Coordinator
IIT Madras BS Program

Date: **27 October 2023**

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Scan QR code to verify the Progress card.

Degree in Data Science and Applications (B.S.)

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

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.

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

where C_i = credit of the course

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

$\Sigma_i \, C_i$ = 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 $\Sigma_i \, C_i$ is the sum of credits of all courses taken in all the terms successfully completed up to that point in time.

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