Indian Institute of Technology Madras, Chennai - 600036

B.S. Termwise Progress Card

Roll No: 21F3002226   Name: AMIT VIKRAM RAJ

Program: BS in Data Science and Applications

Course	Title	Cat	Cr	Gr	Course	Title	Cat	Cr	Gr
	FIRST TERM(SEP-DEC 2021)								
CS1001	Computational Thinking	FL	4	S					
HS1001	English I	FL	4	A					
MA1001	Mathematics for Data Science I	FL	4	A					
MA1002	Statistics for Data Science I	FL	4	D					
	Earned Credit : 16 GPA : 8.5 CGPA : 8.5								
	SECOND TERM(JAN-APR 2022)								
CS1002	Programming in Python	FL	4	S					
HS1002	English II	FL	4	A					
MA1003	Mathematics for Data Science II	FL	4	A					
MA1004	Statistics for Data Science II	FL	4	S					
	Earned Credit : 16 GPA : 9.5 CGPA : 9								
	THIRD TERM(MAY-AUG 2022)								
MS2001	Business Data Management	DS	4	D					
CS2004	Machine Learning Foundations	DS	4	S					
CS2002	Programming, Data Structures and Algorithms using Python	DP	4	D					
	Earned Credit : 12 GPA : 7.3 CGPA : 8.6								
	FOURTH TERM(SEP-DEC 2022)								
CS2007	Machine Learning Techniques	DS	4	C					
	Earned Credit : 4 GPA : 7 CGPA : 8.5								

Cumulative Grade Point Average (CGPA) Summary

Cat	Foundational Level (FL)	Diploma - Data Science (DD)	Diploma - Programming (DP)	BSc Level (BL)
Min. Required Credits	32	27	27	28
Earned Credits	32	12	4	0
Transferred Credits φ	-	-	-	-
CGPA	9	7.7	6	0

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:12 January 2023

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
WA / WQ	0	Not eligible for Exam
I	0	Course Incomplete

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