Indian Institute of Technology Madras

PROGRESS CARD



Name: SHIVAM KUMAR Roll Number: 24F2000797

Program: BS in Data Science and Applications

Current Level: DEGREE

Term	Course	Title	Credit	Category	Grade
MAY 2024	HS1001	English I	4	FL	A
MAY 2024	CS1001	Computational Thinking	4	FL	A
MAY 2024	MA1001	Mathematics for Data Science I	4	FL	S
MAY 2024	MA1002	Statistics for Data Science I	4	FL	A
SEP 2024	HS1002	English II	4	FL	A
SEP 2024	CS1002	Programming in Python	4	FL	A
SEP 2024	MA1003	Mathematics for Data Science II	4	FL	B
SEP 2024	MA1004	Statistics for Data Science II	4	FL	B
JAN 2024	CS2001	Database Management Systems	4	DP	B
JAN 2024	CS2002	Programming,Data Structures andAlgorithmsusing	4	DP	C
JAN 2024	CS2003	Python4 Modern Application Developmentl	3	DP	A
MAY 2025	CS2006	Modern Application Development II	4	DP	D
MAY 2025	CS2004	Machine Learning Foundations	4	DD	B
MAY 2025	MS2001	Business Data Management	4	DD	A
SEP 2025	CS2005	Programming Concepts using Java	4	DP	I
SEP 2025	SE2001	System Commands	3	DP	I
SEP 2025	MS2002	Business Analytics	4	DD	C
JAN 2026	CS2005	Programming Concepts using Java	4	DP	C
JAN 2026	SE2001	System Commands	4	DP	D
JAN 2026	CS2007	Machine Learning Techniques	4	DD	E
JAN 2026	SE2002	Tools in Data Science	4	DD	WA
MAY 2026	CS2008	Machine Learning Practice	4	DD	B
MAY 2026	CS2008P	Machine Learning Practice- Project	2	DD	B
MAY 2026	SE2002	Tools in Data Science	4	DD	S

Coordinator
IIT Madras BS Program

Date:23 September 2026

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Term	Course	Title	Credit	Category	Grade
SEP 2026	CS3003	AI: Search Methods for Problem Solving	4	BD	D
SEP 2026	CS3004	Deep Learning	4	BD	U
SEP 2026	GN3001	Strategies for Professional Growth	3	HM	D
SEP 2026	MS4003	Financial Forensics	4	BD	B

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	30	30	0	12	3	0	107
Transferred Credits Φ	-	-	-	-	-	-	-	0
CGPA	8.88	7.6	7.6	0	6.67	2.6	0	7.73

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.

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

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**