CGPA Calculator
By Sazzad Saju

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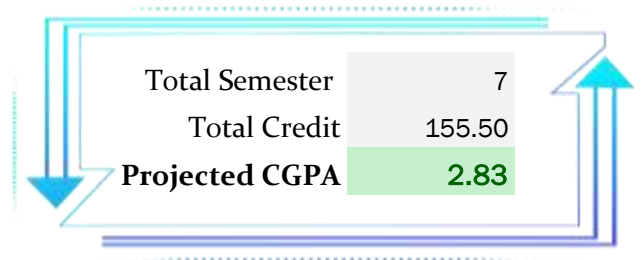ID: 1602049
Department of Computer Science and Engineering, HSTU

Letter Grade (LG) and Grade Point (GP)   Upgrade LG and GP

Total Semester	7
Total Credit	155.50
Projected CGPA	**2.83**

Grading System

LG	A+	A	A-	B+	B	B-
GP	4.00	3.75	3.50	3.25	3.00	2.75

LG	C+	C	D	F
GP	2.50	2.25	2.00	0

Level: 1 Semester: I

Course	Type		C.H.		LG / GP
Physics-I	Theo.	C.H.	3	LG	B-
				GP	2.75
	Prac.	C.H.	0.75	LG	B+
				GP	3.25
Mathematics-I	Theo.	C.H.	3	LG	C+
				GP	2.50
Functional English	Theo.	C.H.	3	LG	A-
				GP	3.50
Structured Programming Language	Theo.	C.H.	3	LG	D
				GP	2.00
	Prac.	C.H.	1.5	LG	C
				GP	2.25
Basic Mechanical Engineering	Theo.	C.H.	3	LG	C+
				GP	2.50

Total Credit Hour: 17.25 **CGPA:** 2.64

Level: 1 Semester: II

Course	Type		C.H.		LG / GP
Discrete Mathematics	Theo.	C.H.	3	LG	C+
				GP	2.50
Object Oriented Programming	Theo.	C.H.	2	LG	D
				GP	2.00
	Prac.	C.H.	1.5	LG	C+
				GP	2.50
Physics-II	Theo.	C.H.	3	LG	D
				GP	2.00
	Prac.	C.H.	0.75	LG	B+
				GP	3.25
Introduction to Electrical Engineering	Theo.	C.H.	3	LG	C
				GP	2.25
	Prac.	C.H.	1.5	LG	A
				GP	3.75
Engineering Drawing	Prac.	C.H.	1.5	LG	B
				GP	3.00
Mathematics-II	Theo.	C.H.	3	LG	C+
				GP	2.50
Sociology	Theo.	C.H.	2	LG	B+
				GP	3.25

Total Credit Hour: 21.25 **CGPA:** 2.57

Level: 2 Semester: I

Course	Type	C.H.		LG/GP	Grade
Electronic Devices & Circuits	Theo.	C.H.	4	LG	C+
				GP	2.50
	Prac.	C.H.	1.5	LG	F
				GP	0.00
Data Structure	Theo.	C.H.	3	LG	C+
				GP	2.50
	Prac.	C.H.	0.75	LG	A
				GP	3.75
Mathematics-III	Theo.	C.H.	3	LG	B
				GP	3.00
Numerical Methods	Theo.	C.H.	3	LG	C+
				GP	2.50
Digital Logic Design	Theo.	C.H.	3	LG	B-
				GP	2.75
	Prac.	C.H.	1.5	LG	A-
				GP	3.50

Total Credit Hour: 19.75   **CGPA:** 2.55

Level: 2 Semester: II

Course	Type	C.H.		LG/GP	Grade
Digital Electronics & Pulse Technique	Theo.	C.H.	3	LG	B
				GP	3.00
	Prac.	C.H.	1.5	LG	A
				GP	3.75
Algorithm Analysis & Design	Theo.	C.H.	3	LG	B
				GP	3.00
	Prac.	C.H.	0.75	LG	C
				GP	2.25
Electrical Machines & Measurements	Theo.	C.H.	3	LG	C
				GP	2.25
	Prac.	C.H.	1.5	LG	A
				GP	3.75
Theory of Computation	Theo.	C.H.	2	LG	B-
				GP	2.75
Mathematics IV	Theo.	C.H.	3	LG	A
				GP	3.75
Financial & Managerial Acccounting	Theo.	C.H.	2	LG	A+
				GP	4.00

Total Credit Hour: 19.75   **CGPA:** 3.16

Level: 3 Semester: I

Course	Type		C.H.			
Database	Theo.	C.H.	3	LG	C	
				GP	2.25	
	Prac.	C.H.	1.5	LG	A-	
				GP	3.50	
Data Communication	Theo.	C.H.	3	LG	F	
				GP	0.00	
Software Engineering	Theo.	C.H.	3	LG	B+	
				GP	3.25	
Compiler	Theo.	C.H.	3	LG	B+	
				GP	3.25	
	Prac.	C.H.	0.75	LG	B	
				GP	3.00	
Computer Architecture	Theo.	C.H.	3	LG	B+	
				GP	3.25	
Assembly Language Programming	Prac.	C.H.	1.5	LG	B+	
				GP	3.25	
Economics	Theo.	C.H.	2	LG	C	
				GP	2.25	

Total Credit Hour: 20.75   **CGPA:** 2.55

Level: 3 Semester: II

Course	Type		C.H.			
Microprocessor	Theo.	C.H.	3	LG	B	
				GP	3.00	
	Prac.	C.H.	1.5	LG	B+	
				GP	3.25	
Computer Networks	Theo.	C.H.	3	LG	A-	
				GP	3.50	
	Theo.	C.H.	0.75	LG	A+	
				GP	4.00	
Operating System	Theo.	C.H.	3	LG	C+	
				GP	2.50	
	Prac.	C.H.	0.75	LG	A+	
				GP	4.00	
Artificial Intelligence	Theo.	C.H.	3	LG	A	
				GP	3.75	
	Prac.	C.H.	0.75	LG	A	
				GP	3.75	
Mathematical Analysis	Theo.	C.H.	3	LG	B	
				GP	3.00	

Total Credit Hour: 18.75   **CGPA:** 3.25

Level: 4 Semester: I

Course	Type	C.H.		LG / GP
Computer Interfacing	Theo.	C.H. 2	LG	B+
			GP	3.25
	Prac.	C.H. 0.75	LG	B+
			GP	3.25
Industrial Management	Theo.	C.H. 3	LG	B+
			GP	3.25
Digital System Design	Theo.	C.H. 3	LG	A-
			GP	3.50
	Prac.	C.H. 1.5	LG	B+
			GP	3.25
Machine Learning	Theo.	C.H. 3	LG	C+
			GP	2.50
System Analysis & Design	Theo.	C.H. 3	LG	B
			GP	3.00
	Prac.	C.H. 0.75	LG	A
			GP	3.75
Project / Thesis	Prac.	C.H. 1.5	LG	B
			GP	3.00

Total Credit Hour: 18.50   **CGPA:** 3.13

Level: 4 Semester: II

Course	Type	C.H.		LG / GP
Basic Multimedia System	Theo.	C.H. 3	LG	?
			GP	0.00
Computer Graphics	Theo.	C.H. 3	LG	?
			GP	0.00
	Prac.	C.H. 0.75	LG	?
			GP	0.00
Pattern Recognition	Theo.	C.H. 3	LG	?
			GP	0.00
VLSI Design	Theo.	C.H. 3	LG	?
			GP	0.00
	Prac.	C.H. 0.75	LG	?
			GP	0.00
Graph Theory	Theo.	C.H. 3	LG	?
			GP	0.00
Project / Thesis	Prac.	C.H. 3	LG	?
			GP	0.00

Total Credit Hour: 19.50   **CGPA:** 0.00