भारतीय सूचना प्रौद्योगिकी संस्थान वडोदरा
Indian Institute of Information Technology Vadodara

GRADE SHEET

Program: Bachelor of Technology in Computer Science and Engineering

Name of Student: DEEP SHAH
Student ID: 201851037

TRANSCRIPT

Issued on: 30/06/2022
Batch: 2018-19

SEMESTER I (AUTUMN 2018-19)

CCD	CT	L-T-P	C	G	GP
EC100	Basic Electronics Circuits	3-1-0	4	BB	32
EC160	Basic Electronics Circuits Laboratory	0-0-3	2	BB	16
IT101	Computer Programming and Problem Solving	3-0-0	3	BB	24
IT161	Computer Programming and Problem Solving Laboratory	0-0-3	2	AB	18
MA101	Mathematics-I (Linear Algebra and Matrices)	3-1-0	4	BC	28
PH100	Mechanics and Thermodynamics	3-0-0	3	BB	24
PH160	Mechanics and Thermodynamics Laboratory	0-1-2	2	AB	18
HS101	Spoken and Written Communication	2-0-2	3	BC	21

	CR1	CR2	CE1	CE2	GPE	PI
SP	23.00	0.00	23.00	0.00	181.00	SPI = 7.87
CP	23.00	0.00	23.00	0.00	181.00	CPI = 7.87

SEMESTER II (WINTER 2018-19)

CCD	CT	L-T-P	C	G	GP
CS102	Introduction to Data Structures	3-0-0	3	AB	27
CS162	Introduction to Data Structures Laboratory	0-1-2	2	AB	18
EE100	Basic Electrical Engineering	3-1-0	4	AB	36
EE160	Basic Electrical Engineering Laboratory	0-0-3	2	AB	18
HS102	Science Technology and Society	3-0-0	3	BC	21
MA104	Mathematics-II (Discrete Mathematics)	3-1-0	4	BC	28
PH110	Waves and Electromagnetics	3-1-0	4	BB	32
PH170	Waves and Electromagnetics Laboratory	0-0-2	1	AB	9

	CR1	CR2	CE1	CE2	GPE	PI
SP	23.00	0.00	23.00	0.00	189.00	SPI = 8.22
CP	46.00	0.00	46.00	0.00	370.00	CPI = 8.04

SEMESTER III (AUTUMN 2019-20)

CCD	CT	L-T-P	C	G	GP
CS201	Object Oriented Design and Programming	3-0-0	3	AB	27
CS261	Object Oriented Design and Programming Laboratory	0-0-3	2	AB	18
CS203	Design and Analysis of Algorithms	3-0-0	3	BB	24
CS263	Design and Analysis of Algorithms Laboratory	0-0-3	2	AB	18
EC201	Digital Logic Design	3-0-0	3	BB	24
EC261	Digital Logic Design Laboratory	0-0-2	1	BB	8
HS201	Technical Writing	1-1-2	3	AB	27
MA201	Probability and Statistics	3-1-0	4	BB	32
SC201	Environmental Science	2-0-0	2	BB	16

	CR1	CR2	CE1	CE2	GPE	PI
SP	23.00	0.00	23.00	0.00	194.00	SPI = 8.43
CP	69.00	0.00	69.00	0.00	564.00	CPI = 8.17

SEMESTER IV (WINTER 2019-20)

CCD	CT	L-T-P	C	G	GP
CS202	System Software	3-0-0	3	BB	24
CS204	Database Management System	3-0-0	3	AB	27
CS262	Database Management System Laboratory	0-0-3	2	AB	18
CS206	Operating System	3-0-0	3	BB	24
CS266	Operating System Laboratory	0-0-3	2	AB	18
CS208	Computer Organization and Architecture	3-0-0	3	BC	21
CS268	Computer Organization and Architecture Laboratory	0-0-2	1	BB	8
HS202	Economics	3-0-0	3	AB	27
MA202	Numerical Techniques	0-1-2	2	AB	18

	CR1	CR2	CE1	CE2	GPE	PI
SP	22.00	0.00	22.00	0.00	185.00	SPI = 8.41
CP	91.00	0.00	91.00	0.00	749.00	CPI = 8.23

SEMESTER V (AUTUMN 2020-21)

CCD	CT	L-T-P	C	G	GP
CS301	Computer Networks	3-0-0	3	BC	21
CS361	Computer Networks Laboratory	0-0-2	1	AA	10
CS303	Software Engineering	3-0-0	3	BB	24
CS363	Software Engineering Laboratory	0-0-3	2	AB	18
CS305	Formal Language and Automata Theory	3-0-2	4	BB	32
CS425	Introduction to IoT	3-0-2	4	AB	36
CS421	Cloud Computing	3-0-2	4	CC	24
CS391	Design Project	0-0-0	3	P	-

	CR1	CR2	CE1	CE2	GPE	PI
SP	21.00	3.00	21.00	3.00	165.00	SPI = 7.86
CP	112.00	3.00	112.00	3.00	914.00	CPI = 8.16

SEMESTER VI (WINTER 2020-21)

CCD	CT	L-T-P	C	G	GP
CS302	Artificial Intelligence	3-0-0	3	CC	18
CS362	Artificial Intelligence Laboratory	0-0-2	1	BB	8
CS304	Introduction to Cryptography and Network Security	3-0-0	3	BB	24
CS364	Introduction to Cryptography and Network Security Laboratory	0-0-2	1	BB	8
CS306	Graph Theory	3-0-2	4	AB	36
CS312	Data Analytics and Visualization	0-1-2	2	AB	18
EC312	Information Theory Inference and Learning	3-0-0	3	BB	24
SC304 NPTEL	Essentials of Data Science with R Software 1 Probability and Statistical Inference	3-0-0	3	BB	24

	CR1	CR2	CE1	CE2	GPE	PI
SP	20.00	0.00	20.00	0.00	160.00	SPI = 8.00
CP	132.00	3.00	132.00	3.00	1074.00	CPI = 8.14

SEMESTER VII (AUTUMN 2021-22)

CCD	CT	L-T-P	C	G	GP
CS401	Introduction to Distributed and Parallel Computing	3-0-0	3	BC	21
CS461	Introduction to Distributed and Parallel Computing Laboratory	0-0-2	1	BC	7
CS435	Cyber Security	3-0-2	4	CC	24
CS439	Blockchain	3-0-0	3	BB	24
EC423	Image and Video Analytics	3-0-0	3	BB	24
MA401	Operation Research	3-0-0	3	AB	27
CS491	Research / Industrial Internship	0-0-0	3	P	-

	CR1	CR2	CE1	CE2	GPE	PI
SP	17.00	3.00	17.00	3.00	127.00	SPI = 7.47
CP	149.00	6.00	149.00	6.00	1201.00	CPI = 8.06

SEMESTER VIII (WINTER 2021-22)

CCD	CT	L-T-P	C	G	GP
CS490	B Tech Project	0-0-36	18	AA	180

	CR1	CR2	CE1	CE2	GPE	PI
SP	18.00	0.00	18.00	0.00	180.00	SPI = 10.00
CP	167.00	6.00	167.00	6.00	1381.00	CPI = 8.27

PIC (UG Academics)

TRANSCRIPT

Letter Grade to Grade Point Conversion		
GRADE	**GRADE POINTS**	**PERFORMANCE**
AA	10	Outstanding
AB	9	Excellent
BB	8	Very Good
BC	7	Good (Average)
CC	6	Fair
CD	5	Marginal
DD	4	Deficient
F	0	Fail

• Credits (C) for a course is calculated based on Lecture – Tutorial – Practical (L- T- P) distribution.

• Pass / Fail courses are not considered in SPI /CPI calculations.

• Semester Performance Index (SPI) is the weighted average of grade points earned in a semester and Credits earned for graded courses in a semester.

$$SPI = \frac{\text{Semester GPE}}{\text{Semester CR1}}$$

• Cumulative Performance Index (CPI) is the weighted average of cumulative grade points earned and cumulative credits earned for graded courses.

$$CPI = \frac{\text{Cumulative GPE}}{\text{Cumulative CR1}}$$

CCD	: Course Code	GP	: Grade Points	CR1	: Credits Registered for Credit Courses	GPE	: Grade Points Earned from credit courses
CT	: Course Title	SP	: Semester Performance	CR2	: Credits Registered for P/F Courses	CE1	: Credits earned for Graded Courses
C	: Credits	CP	: Cumulative Performance	CE	: Credits Earned	CE2	: Credits earned for Pass / Fail courses
G	: Grade	PI	: Performance Index				

Conversion of CPI to Percentage : Average Percentage of Marks = CPI* 10

Award of Class

First Class : CPI 6.5 or above but less than 9.0

First Class with Distinction : CPI 9.0 or above