Indian Institute of Technology Palakkad
भारतीय प्रौद्योगिकी संस्थान पालक्काड
Under Ministry of Human Resource Development, Govt. of India
मानव संसाधन विकास मंत्रालय के अधीन, भारत सरकार

IIT PALAKKAD

CUMULATIVE GRADE CARD

Name : **SPARSH JAIN** **Roll No** : **111601026**
Program : **B. Tech (Computer Science & Engineering)** **USID No** : **39203b5a-300b-47ae-aee2-1f512b3817b6**

Semester I

	Code	Course Title	Cat	Cr	Gr	Att
1	CS1100	Computational Engineering	BET	4	S	VG
2	CY1010	Chemistry I	SCY	3	B	VG
3	ID1100	Concepts in Engineering Design	BET	3	A	VG
4	MA1010	Mathematics I	SMA	4	B	VG
5	ME1120	Engineering Drawing	BES	3	C	VG
6	PH1010	Physics 1	SPH	3	S	VG
7	PH1030	Physics Laboratory	SPH	2	S	VG
8	WS1010	Workshop I	BES	2	S	VG

Semester II

	Code	Course Title	Cat	Cr	Gr	Att
1	CY1020	Chemistry II	SCY	3	B	G
2	CY1030	Chemistry Laboratory	SCY	2	S	VG
3	ID1200	Ecology and Environment	BET	2	A	VG
4	AM1100	Engineering Mechanics	BET	4	B	VG
5	GN1100	Life Skills	HPF	2	P	VG
6	MA1020	Mathematics II	SMA	4	B	VG
7	PH1020	Physics II	SPH	3	A	VG
8	ME1100	Thermodynamics	BET	3	A	VG
9	WS1020	Workshop II	BES	2	S	VG
10	NS1030	National Service Scheme	NSS	0	X	VG

Semester III

	Code	Course Title	Cat	Cr	Gr	Att
1	EE1101	Signals and Systems	PMT	4	B	G
2	CS2110	Computer Programming Laboratory	PML	2	A	VG
3	EE2702	Digital Circuits Laboratory	PML	2	A	VG
4	EE2001	Digital Systems	PMT	4	A	VG
5	CS2100	Discrete Mathematics for Computer Science	PMT	3	S	VG
6	BT1010	Life Sciences	SLS	2	C	G
7	HS1050	Principles of Economics	HSS	3	B	VG
8	MA2031	Linear Algebra	SMA	3	A	VG

Semester IV

	Code	Course Title	Cat	Cr	Gr	Att
1	CS2600	Computer Organization	PMT	3	A	VG
2	CS2610	Computer Organization Laboratory	PML	2	A	VG
3	CS2800	Data Structures and Algorithms	PMT	4	S	VG
4	CS2810	Data Structures and Algorithms Laboratory	PML	2	S	VG
5	CS2200	Language Machines and Computations	PMT	4	S	VG
6	MA2040	Probability, Stochastic Processes & Statistics	SMA	3	A	G
7	HS2312	Themes in Indian Economic Development	HSS	3	B	VG

Semester V

	Code	Course Title	Cat	Cr	Gr	Att
1	CS3100	Paradigms of Programming	PMT	4	S	G
2	CS4011	Artificial Intelligence	PMT	3	A	VG
3	CS4111	Artificial Intelligence Laboratory	PML	2	S	VG
4	CS3500	Operating Systems	PMT	3	S	VG
5	CS3510	Operating Systems Laboratory	PML	2	S	VG
6	CS4803	Model Checking	PME	4	S	VG
7	CS4801	Principles of Machine Learning	GCE	3	A	G

Semester VI

	Code	Course Title	Cat	Cr	Gr	Att
1	CS3300	Compilers	PMT	3	A	VG
2	CS3310	Compilers Lab	PML	2	A	G
3	CS3700	Introduction to Database Systems	PMT	3	S	VG
4	CS3710	Database Systems Lab	PML	2	S	VG
5	CS3660	Internship	PMP	2	S	VG
6	CS5005	Parallel Programming	PME	3	A	G
7	EE3505	Information Theory and Coding	GCE	3	A	G
8	NPTEL	Block Chain Architecture Design and Use Cases[#1]	PME	3	P	-

USID Unique Student Identification Number
[#1] An online course registered during the period Jan-Apr 2019 and successfully completed

P.T.O.

Semester VII

1	CS3200	Computer Networks	PMT	3	B	G
2	CS3210	Computer Networks Lab	PML	2	A	VG
3	CS4800	Project I	PMP	3	A	VG
4	HS3050	Professional Ethics	HSS	2	B	VG
5	CS5509	Embedded Systems	PME	3	S	VG
6	CS5008	Reinforcement Learning	PME	3	A	VG
7	CS5510	Compiler Optimization	PME	3	A	G
8	HS4601	English for Professionals	GCE	3	S	G

Semester VIII

1	CS4810	Project II (Phase 2.1)	PMP	4	S	VG
2	CS4810	Project II (Phase 2.2)	PMP	3	P	VG
3	HS3605	Introduction to Modern Indian Political Thought[#]	GCE	3	P	-

[#] An online course registered during the period Jan-Apr 2020 and successfully completed

Cumulative Grade History:

Semester	1	2	3	4	5	6	7	8
Total Credits	24	25	23	21	21	21	22	10
Earned Credits	24	25	23	21	21	21	22	10
GPA	8.92	8.70	8.65	9.33	9.71	9.39	9.05	10.00
CGPA	8.92	8.81	8.76	8.89	9.04	9.09	9.09	9.11

GPA/CGPA calculations are based on the successfully completed courses.

Place & Date of Issue: Palakkad, 01-07-2020 **Assistant Registrar (Academics)**

Grades and Grading Procedure:

Based on the performance in a registered course, each student is awarded a final letter grade at the end of the semester. The letter grades and the corresponding grade points are as follows:

Grade	Grade Points	Remarks	Grade	Grade Points	Remarks
S	10	Outstanding	U	0	Unsuccessful
A	9	Excellent	W	0	Failure due to insufficient attendance
B	8	Very Good	P	0	Pass
C	7	Good	F	0	Fail
D	6	Average	I	0	Incomplete
E	4	Marginal	X	0	Completed NSS requirements
			Y	0	Incomplete (in NSS)

Letter grade U or W implies failure in the course.

The Grade Point Average (GPA) will be calculated according to the formula:

$$GPA=\Sigma(CixGP_i)/\Sigma Ci$$

where Ci and GP_i are number of credits and the grade point obtained in the ith course taken during the semester.

In the case of cumulative grade point average (CGPA), the credits C_i of all the courses taken in all the semesters until that point in time are considered in the above formula.

CGPA to Percentage conversion formula:

Percentage of Marks = (10 x CGPA)-5

The additional courses audited, if any, are awarded grades but not counted towards GPA/CGPA calculations.

The medium of instruction of courses is English

Abbreviations for Course category:

BES : Basic Engineering Skills
BET : Basic Engineering Theory
GCE : General Category Elective
HPF : Humanities Pass Fail
HSS : Humanities and Social Sciences
NSS : National Service Scheme
PME : Professional Major Elective
PML : Professional Major Laboratory
PMP : Professional Major Practice
PMT : Professional Major Theory
SCY : Science Chemistry
SLS : Science Life Science
SMA : Science Mathematics
SPH : Science Physics

Attendance Grade

Attendance Rounded to	Remarks	Code
≥ 95%	Very Good	VG
85 to 94%	Good	G
< 85%	Poor	P