



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
(A Kerala State Government University)

CET Campus, Thiruvananthapuram - 695 016, Kerala, India, Tel: +91 471-2785617

BACHELOR OF TECHNOLOGY (B.Tech) DEGREE EXAMINATIONS

OFFICIAL TRANSCRIPT

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Folio No. KTU/DR(EXAM)/1/19074

Date 07/11/2023

Name : ARJUN SURESH	Medium of Instruction : ENGLISH
Institution : MODEL ENGINEERING COLLEGE	Register Number / Year of Admission : MDL18CS031 , 2018
Branch : COMPUTER SCIENCE & ENGINEERING	CGPA : 9.19
Duration of the Course : 4 YEARS	Date of Birth : 19/01/2000

The following Grades were awarded to the Candidate

Sl. No.	Course Code	Course Name	Credits	Grade	Month & Year of Passing	Sl. No.	Course Code	Course Name	Credits	Grade	Month & Year of Passing
1	MA101	First Semester		SGPA	9.2	34	CS234	DIGITAL SYSTEMS LAB	1.0	O	MAY-2020
2	PH100	CALCULUS	4.0	O	DEC-2018	35	CS301	Fifth Semester	4.0	SGPA	9.57
3	BE110	ENGINEERING PHYSICS	4.0	O	DEC-2018	36	CS303	THEORY OF COMPUTATION	3.0	A	DEC-2020
4	BE10105	ENGINEERING GRAPHICS	3.0	A	DEC-2018	37	CS305	SYSTEM SOFTWARE	3.0	O	DEC-2020
		INTRODUCTION TO COMPUTING AND PROBLEM SOLVING	3.0	A+	DEC-2018			MICROPROCESSORS AND MICROCONTROLLERS	3.0	O	DEC-2020
5	BE103	INTRODUCTION TO SUSTAINABLE ENGINEERING	3.0	B+	DEC-2018	38	CS307	DATA COMMUNICATION	3.0	A+	DEC-2020
6	EE100	BASICS OF ELECTRICAL ENGINEERING	3.0	A+	DEC-2018	39	CS309	GRAPH THEORY AND COMBINATORICS	3.0	O	DEC-2020
7	PH110	ENGINEERING PHYSICS LAB	1.0	O	DEC-2018	40	CS361	SOFT COMPUTING	3.0	O	DEC-2020
8	CS110	COMPUTER SCIENCE WORKSHOP	1.0	A+	DEC-2018	41	CS341	DESIGN PROJECT	2.0	O	DEC-2020
9	EE110	ELECTRICAL ENGINEERING	1.0	A+	DEC-2018	42	CS331	SYSTEM SOFTWARE LAB	1.0	O	DEC-2020
		WORKSHOP				43	CS333	APPLICATION SOFTWARE DEVELOPMENT LAB	1.0	A+	DEC-2020
10	MA102	Second Semester		SGPA	9.46	44	CS302	Sixth Semester	4.0	SGPA	9.74
11	CY100	DIFFERENTIAL EQUATIONS	4.0	O	MAY-2019	45	CS304	DESIGN AND ANALYSIS OF ALGORITHMS	3.0	O	JUL-2021
12	BE100	ENGINEERING CHEMISTRY	4.0	O	MAY-2019	46	CS306	COMPILER DESIGN	3.0	O	JUL-2021
13	BE102	ENGINEERING MECHANICS	4.0	O	MAY-2019	47	CS308	COMPUTER NETWORKS	3.0	O	JUL-2021
14	CY110	DESIGN & ENGINEERING	3.0	A	MAY-2019	48	HS300	SOFTWARE ENGINEERING AND PROJECT MANAGEMENT	3.0	A+	JUL-2021
15	EC100	ENGINEERING CHEMISTRY LAB	1.0	O	MAY-2019	49	CS368	PRINCIPLES OF MANAGEMENT	3.0	O	JUL-2021
		BASICS OF ELECTRONICS	3.0	A+	MAY-2019	50	CS332	WEB TECHNOLOGIES	3.0	O	JUL-2021
16	EC110	ENGINEERING				51	CS334	MICROPROCESSOR LAB	1.0	O	JUL-2021
		ELECTRONICS ENGINEERING	1.0	A+	MAY-2019	52	CS352	NETWORK PROGRAMMING LAB	1.0	O	JUL-2021
17	CS120	WORKSHOP				53	CS401	COMPREHENSIVE EXAM	2.0	A	JUL-2021
18	CS100	COMPUTER PROGRAMMING LAB	1.0	O	MAY-2019	54	CS403	Seventh Semester	4.0	SGPA	8.82
		BASICS OF COMPUTER	3.0	A	MAY-2019	55	CS405	COMPUTER GRAPHICS	3.0	A+	DEC-2021
19	MA201	PROGRAMMING				56	CS407	PROGRAMMING PARADIGMS	3.0	A+	DEC-2021
20	CS201	Third Semester		SGPA	8.42	57	CS409	COMPUTER SYSTEM ARCHITECTURE	3.0	B+	DEC-2021
		LINEAR ALGEBRA & COMPLEX ANALYSIS	4.0	A	DEC-2019	58	CS467	DISTRIBUTED COMPUTING	3.0	B+	DEC-2021
21	CS203	DISCRETE COMPUTATIONAL STRUCTURES	4.0	B	DEC-2019	59	CS451	CRYPTOGRAPHY AND NETWORK SECURITY	3.0	A+	DEC-2021
22	CS205	SWITCHING THEORY AND LOGIC DESIGN	4.0	B+	DEC-2019	60	CS431	MACHINE LEARNING	3.0	A+	DEC-2021
23	CS207	DATA STRUCTURES	4.0	A	DEC-2019	61	CS402	SEMINAR & PROJECT PRELIMINARY	2.0	O	DEC-2021
24	HS210	ELECTRONICS DEVICES & CIRCUITS	3.0	B+	DEC-2019	62	CS404	COMPILER DESIGN LAB	1.0	A+	DEC-2021
25	CS231	LIFE SKILLS	3.0	O	DEC-2019	63	CS468	Eighth Semester	4.0	SGPA	8.83
26	CS233	DATA STRUCTURES LAB	1.0	O	DEC-2019	64	CE488	DATA MINING AND WARE HOUSING	3.0	B+	JUN-2022
27	MA202	ELECTRONICS CIRCUITS LAB	1.0	O	DEC-2019	65	CS492	EMBEDDED SYSTEMS	3.0	A	JUN-2022
		Fourth Semester		SGPA	9.39	66	CE488	CLOUD COMPUTING	3.0	B+	JUN-2022
28	CS202	PROBABILITY DISTRIBUTIONS, TRANSFORMS AND NUMERICAL METHODS	4.0	O	MAY-2020	67	CS492	DISASTER MANAGEMENT	3.0	A	JUN-2022
29	CS204	COMPUTER ORGANIZATION AND ARCHITECTURE	4.0	A+	MAY-2020	68	CE488	PROJECT	6.0	O	JUN-2022
30	CS206	OPERATING SYSTEMS	4.0	A+	MAY-2020						
31	CS208	OBJECT ORIENTED DESIGN AND PROGRAMMING	3.0	A+	MAY-2020						
32	HS200	PRINCIPLES OF DATABASE DESIGN	3.0	O	MAY-2020						
33	CS232	BUSINESS ECONOMICS	3.0	A+	MAY-2020						
		FREE AND OPEN SOURCE SOFTWARE LAB	1.0	O	MAY-2020						

***** END OF STATEMENT *****

* Cumulative Grade Point Average (in words): NINE POINT ONE NINE



CONTROLLER OF EXAMINATIONS

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BACHELOR OF TECHNOLOGY DEGREE EXAMINATIONS

CONSOLIDATED STATEMENT OF GRADES

Name : ARJUN SURESH
Register Number : MDL18CS031

BACHELOR OF TECHNOLOGY DEGREE EXAMINATIONS
CONSOLIDATED STATEMENT OF GRADES

Sequence No. 18/1/03353

Date of Issue : 10/08/2022

Name : ARJUN SURESH		Register Number : MDL18CS031
Institution : MODEL ENGINEERING COLLEGE		
Branch : Computer Science and Engineering	Mode of Study : Regular	
Year of Admission : 2018	Duration of the programme : 4 Years (8 Semesters)	
Month and Year of Passing : JUNE-2022	Medium of Instruction : English	
Total Credits : 182.0	CGPA : 9.19 (Nine Point One Nine)	

The following Grades were awarded to the Candidate

Sl. No.	Course Code	Course Name	Credits	Grade	Month & Year of Examination
First Semester SGPA: 9.2					
1	MA101	CALCULUS	4.0	O	DEC-2018
2	PH100	ENGINEERING PHYSICS	4.0	O	DEC-2018
3	BE110	ENGINEERING GRAPHICS	3.0	A	DEC-2018
4	BE10105	INTRODUCTION TO COMPUTING AND PROBLEM SOLVING	3.0	A+	DEC-2018
5	BE103	INTRODUCTION TO SUSTAINABLE ENGINEERING	3.0	B+	DEC-2018
6	EE100	BASICS OF ELECTRICAL ENGINEERING	3.0	A+	DEC-2018
7	PH110	ENGINEERING PHYSICS LAB	1.0	O	DEC-2018
8	EE110	ELECTRICAL ENGINEERING WORKSHOP	1.0	A+	DEC-2018
9	CS110	COMPUTER SCIENCE WORKSHOP	1.0	A+	DEC-2018
Second Semester SGPA: 9.46					
10	MA102	DIFFERENTIAL EQUATIONS	4.0	O	MAY-2019
11	CY100	ENGINEERING CHEMISTRY	4.0	O	MAY-2019
12	BE100	ENGINEERING MECHANICS	4.0	O	MAY-2019
13	BE102	DESIGN & ENGINEERING	3.0	A	MAY-2019
14	CY110	ENGINEERING CHEMISTRY LAB	1.0	O	MAY-2019
15	EC100	BASICS OF ELECTRONICS ENGINEERING	3.0	A+	MAY-2019
16	EC110	ELECTRONICS ENGINEERING WORKSHOP	1.0	A+	MAY-2019
17	CS120	COMPUTER PROGRAMMING LAB	1.0	O	MAY-2019
18	CS100	BASICS OF COMPUTER PROGRAMMING	3.0	A	MAY-2019
Third Semester SGPA: 8.42					
19	MA201	LINEAR ALGEBRA & COMPLEX ANALYSIS	4.0	A	DEC-2019
20	CS201	DISCRETE COMPUTATIONAL STRUCTURES	4.0	B	DEC-2019
21	CS203	SWITCHING THEORY AND LOGIC DESIGN	4.0	B+	DEC-2019
22	CS205	DATA STRUCTURES	4.0	A	DEC-2019
23	CS207	ELECTRONICS DEVICES & CIRCUITS	3.0	B+	DEC-2019
24	HS210	LIFE SKILLS	3.0	O	DEC-2019
25	CS231	DATA STRUCTURES LAB	1.0	O	DEC-2019
26	CS233	ELECTRONICS CIRCUITS LAB	1.0	O	DEC-2019
Fourth Semester SGPA: 9.39					
27	MA202	PROBABILITY DISTRIBUTIONS, TRANSFORMS AND NUMERICAL METHODS	4.0	O	MAY-2020
28	CS202	COMPUTER ORGANIZATION AND ARCHITECTURE	4.0	A+	MAY-2020
29	CS204	OPERATING SYSTEMS	4.0	A+	MAY-2020
30	CS206	OBJECT ORIENTED DESIGN AND PROGRAMMING	3.0	A+	MAY-2020
31	CS208	PRINCIPLES OF DATABASE DESIGN	3.0	O	MAY-2020
32	HS200	BUSINESS ECONOMICS	3.0	A+	MAY-2020
33	CS232	FREE AND OPEN SOURCE SOFTWARE LAB	1.0	O	MAY-2020
34	CS234	DIGITAL SYSTEMS LAB	1.0	O	MAY-2020

Sl. No.	Course Code	Course Name	Credits	Grade	Month & Year of Examination
Fifth Semester SGPA: 9.57					
35	CS301	THEORY OF COMPUTATION	4.0	A	DEC-2020
36	CS303	SYSTEM SOFTWARE	3.0	O	DEC-2020
37	CS305	MICROPROCESSORS AND MICROCONTROLLERS	3.0	O	DEC-2020
38	CS307	DATA COMMUNICATION	3.0	A+	DEC-2020
39	CS309	GRAPH THEORY AND COMBINATORICS	3.0	O	DEC-2020
40	CS361 #	SOFT COMPUTING	3.0	O	DEC-2020
41	CS341	DESIGN PROJECT	2.0	O	DEC-2020
42	CS331	SYSTEM SOFTWARE LAB	1.0	O	DEC-2020
43	CS333	APPLICATION SOFTWARE DEVELOPMENT LAB	1.0	A+	DEC-2020
Sixth Semester SGPA: 9.74					
44	CS302	DESIGN AND ANALYSIS OF ALGORITHMS	4.0	O	JUL-2021
45	CS304	COMPILER DESIGN	3.0	O	JUL-2021
46	CS306	COMPUTER NETWORKS	3.0	O	JUL-2021
47	CS308	SOFTWARE ENGINEERING AND PROJECT MANAGEMENT	3.0	A+	JUL-2021
48	HS300	PRINCIPLES OF MANAGEMENT	3.0	O	JUL-2021
49	CS368 #	WEB TECHNOLOGIES	3.0	O	JUL-2021
50	CS332	MICROPROCESSOR LAB	1.0	O	JUL-2021
51	CS334	NETWORK PROGRAMMING LAB	1.0	O	JUL-2021
52	CS352	COMPREHENSIVE EXAM	2.0	A	JUL-2021
Seventh Semester SGPA: 8.82					
53	CS401	COMPUTER GRAPHICS	4.0	A+	DEC-2021
54	CS403	PROGRAMMING PARADIGMS	3.0	A+	DEC-2021
55	CS405	COMPUTER SYSTEM ARCHITECTURE	3.0	B+	DEC-2021
56	CS407	DISTRIBUTED COMPUTING	3.0	B+	DEC-2021
57	CS409	CRYPTOGRAPHY AND NETWORK SECURITY	3.0	A+	DEC-2021
58	CS467 #	MACHINE LEARNING	3.0	A+	DEC-2021
59	CS451	SEMINAR & PROJECT PRELIMINARY	2.0	O	DEC-2021
60	CS431	COMPILER DESIGN LAB	1.0	A+	DEC-2021
Eighth Semester SGPA: 8.83					
61	CS402	DATA MINING AND WARE HOUSING	3.0	B+	JUN-2022
62	CS404	EMBEDDED SYSTEMS	3.0	A	JUN-2022
63	CS468 #	CLOUD COMPUTING	3.0	B+	JUN-2022
64	CE488 #	DISASTER MANAGEMENT	3.0	A	JUN-2022
65	CS492	PROJECT	6.0	O	JUN-2022
***** END OF STATEMENT *****					

CGPA - Cumulative Grade Point Average **SGPA** - Semester Grade Point Average **#** - Elective

Student Activities : 2.00 Credits (Non-Academic) - Successfully Completed



CONTROLLER OF EXAMINATIONS





1. Grades and Grade Points

Grades	Grade Point	% of Total Marks obtained in the course
O	10	90% and above
A+	9	85% and above but less than 90%
A	8.5	80% and above but less than 85%
B+	8	70% and above but less than 80%
B	7	60% and above but less than 70%
C	6	50% and above but less than 60%
P	5	45% and above but less than 50%
F	0	Less than 45%
FE	0	Failed due to eligibility criteria
I	0	Course Incomplete

2. Semester Grade Point Average (SGPA)

Semester Grade Point Average (SGPA) = $\text{Sum}((C_i \times G_{Pi})) / \text{Sum}(C_i)$, where C_i is the credit assigned for a course and G_{Pi} is the grade point for that course.

Summation is done for all courses registered by the student in the semester.

3. Cumulative Grade Point Average (CGPA)

Cumulative Grade Point Average (CGPA) = $\text{Sum}((C_i \times G_{Pi})) / \text{Sum}(C_i)$ where C_i is the credit assigned for a course and G_{Pi} is the grade point for that course.

Summation is done for all courses registered by the student during all the semesters for which the CGPA is needed.

4. Conversion of GPA to percentage.

Approximate formula for conversion of SGPA/CGPA to % marks is as follows:

The Percentage Marks(% Marks) = $10 \times G - 3.75$, Where G is SGPA or CGPA.

Controller of Examinations