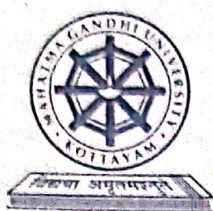




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**Mahatma  
Gandhi  
University**

Priyadarsini Hills P.O, Kottayam- 686560,  
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Established by Kerala State Legislature  
by the Gandhiji University Act, 1985 (Act 12 of 1985)  
and amended as Mahatma Gandhi University Act, 1985  
by Act II of 1988

## CONSOLIDATED MARK CUM GRADE CARD



**Section : CBCSS II**  
**Student Id : 18107177**

**Name of the Candidate : ANJALY SUNNY**

**Name of the College : B.C.M. COLLEGE, KOTTAYAM**

**Permanent Register Number(PRN) : 180021029413**

**Degree : BACHELOR OF SCIENCE**

**Name of the Programme : COMPUTER SCIENCE**

**MODEL III**

**Date of Birth : 21-Jul-1999**

**Date of Publication of Result : 17-Aug-2021**





Permanent Register Number (PRN) : 180021029413

Course Code	Course Title	Credits (C)	Marks						Percentage of Total Marks	Grade Awarded(G)	Grade Point(GP)	Credit Point (C x GP)	Result
			External		Internal		Total						
			Awarded(E)	Maximum	Awarded(I)	Maximum	Awarded (E+I)	Maximum					
<b>SEMESTER I</b>													
EN1CCT01	<b>Common Course I</b> English - Fine - tune Your English	4	40	80	16	20	56	100	56	B	6	24	Pass
CS1CRT02	<b>Core Course</b> Methodology of Programming and C Language	3	27	80	13	20	40	100	40	D	4	12	Pass
CC1CRP01	Software Lab - I (P)	2	71	80	18	20	89	100	89	A+	9	18	Pass
EL1CMT05	<b>Complementary Course</b> Electronics - Computer Fundamentals and Basics of PC Hardware	4	47	80	17	20	64	100	64	B	6	24	Pass
EL1CMT06	Electronics - Fundamentals of Digital Systems	4	34	80	16	20	50	100	50	C	5	20	Pass
MM1CMT03	Mathematics - Discrete Mathematics I	4	42	80	16	20	58	100	58	B	6	24	Pass
<b>SEMESTER II</b>													
EN2CCT03	<b>Common Course I</b> English-Issues That Matter	4	52	80	19	20	71	100	71	B+	7	28	Pass
CS2CRT05	<b>Core Course</b> Computer Organization and Architecture	4	31	80	18	20	49	100	49	C	5	20	Pass
CS2CRT06	Object Oriented Programming using C++	3	40	80	15	20	55	100	55	B	6	18	Pass
CC2CRP02	Software Lab-II (P)	2	60	80	20	20	80	100	80	A	8	16	Pass
EL2CMT07	<b>Complementary Course</b> Electronics - Data Communication	4	24	80	19	20	43	100	43	D	4	16	Pass
MM2CMT03	Mathematics - Discrete Mathematics II	4	47	80	19	20	66	100	66	B+	7	28	Pass
<b>SEMESTER III</b>													
CC3CRT01	<b>Core Course</b> Database Management Systems	3	50	80	18	20	68	100	68	B+	7	21	Pass
CC3CRT02	System Analysis and Design	4	43	80	18	20	61	100	61	B	6	24	Pass
CS3CRT08	Data Structure using C++	3	43	80	16	20	59	100	59	B	6	18	Pass
CC3CRP03	Software Lab III (P)	2	75	80	19	20	94	100	94	A+	9	18	Pass
EL3CMT08	<b>Complementary Course</b> Electronics - Networking Fundamentals	4	44	80	16	20	60	100	60	B	6	24	Pass
ST3CMT41	Statistics - Statistical Methods and Probability Theory	4	48	80	16	20	64	100	64	B	6	24	Pass
<b>SEMESTER IV</b>													
CC4CRT03	<b>Core Course</b> Computer Aided Optimization Techniques	4	35	80	18	20	53	100	53	C	5	20	Pass
CS4CRT10	Linux Administration	4	56	80	19	20	75	100	75	A	8	32	Pass
CS4CRT11	Web Programming using PHP	3	52	80	19	20	71	100	71	B+	7	21	Pass
CC4CRP04	Software Lab IV (P)	2	73	80	19	20	92	100	92	A+	9	18	Pass
CC4CRP05	Assembly Language Programming Lab (P)	2	78	80	19	20	97	100	97	S	10	20	Pass
EL4CMT09	<b>Complementary Course</b> Electronics - Microprocessor and Assembly Language Programming	4	24	80	17	20	41	100	41	D	4	16	Pass
<b>SEMESTER V</b>													
CC5CRT04	<b>Core Course</b> System Software and Operating System	4	55	80	18	20	73	100	73	B+	7	28	Pass
CC5CRT05	Computer Security	4	41	80	19	20	60	100	60	B	6	24	Pass
CS5CRT13	IT and Environment	4	73	80	19	20	92	100	92	A+	9	36	Pass
CS5CRT14	Java Programming using Linux	3	37	80	19	20	56	100	56	B	6	18	Pass
FS5OPT18	<b>Open Course</b> Food Facts and Principles	3	53	80	16	20	69	100	69	B+	7	21	Pass
CC5PRP01	<b>Project I</b> Software Development Lab in Java and Mini Project in PHP (P)	3	74	80	19	20	93	100	93	A+	9	27	Pass
<b>SEMESTER VI</b>													
CC6CRT06	<b>Core Course</b> Computer Graphics	4	43	80	19	20	62	100	62	B	6	24	Pass
CC6CRT07	Big Data : Analytics	4	37	80	20	20	57	100	57	B	6	24	Pass
CC6PRP02	<b>Project I</b> Software Development Lab II(Main Project) (P)	3	70	80	19	20	89	100	89	A+	9	27	Pass

Permanent Register Number (PRN) : 180021029413

CC6SMP01	<b>Seminar</b> Software Lab VI and Seminar (P)	2	--	--	94	100	94	100	94	A+	9	18	Pass
CC6VVP01	<b>Viva - Voce</b> Viva Voce (P)	1	87	100	--	--	87	100	87	A+	9	9	Pass
CC6CBT01	<b>Choice Based Core Course I</b> Python and Latex	4	33	80	19	20	52	100	52	C	5	20	Pass

**SEMESTER RESULTS**

Semester	Credits	SCPA	Grade	Month & Year of Passing	Result
SEMESTER I	21	5.81	B	Dec 2018	Pass
SEMESTER II	21	6.00	B	Oct 2020	Pass
SEMESTER III	20	6.45	B	Oct 2019	Pass
SEMESTER IV	19	6.68	B+	Mar 2020	Pass
SEMESTER V	21	7.33	B+	Jan 2021	Pass
SEMESTER VI	18	6.78	B+	Apr 2021	Pass
TOTAL	120				

**PROGRAMME PART RESULTS**

Programme Part	Credit Points	Credits	CCPA	Grade
Common Course I : English	52	8	6.50	B+
Core Course : Computer Science	531	77	6.90	B+
Complementary Course : Electronics	100	20	5.00	C
Complementary Course : Mathematics	52	8	6.50	B+
Complementary Course : Statistics	24	4	6.00	B
Open Course : Food Facts and Principles	21	3	7.00	B+
TOTAL	780	120	6.50	B+

**Overall Programme**



CUMULATIVE CREDIT POINT AVERAGE (CCPA) = 6.50 : GRADE = B Plus

**GOVERNMENT OF KERALA**  
Department of General Education

Issued to: ANJALY SUNNY

HRD NO: E265470-4 Dtd: 06-08-2024  
CONSOLIDATED GRADE CARD - BSc -  
MAHATMA GANDHI UNIVERSITY

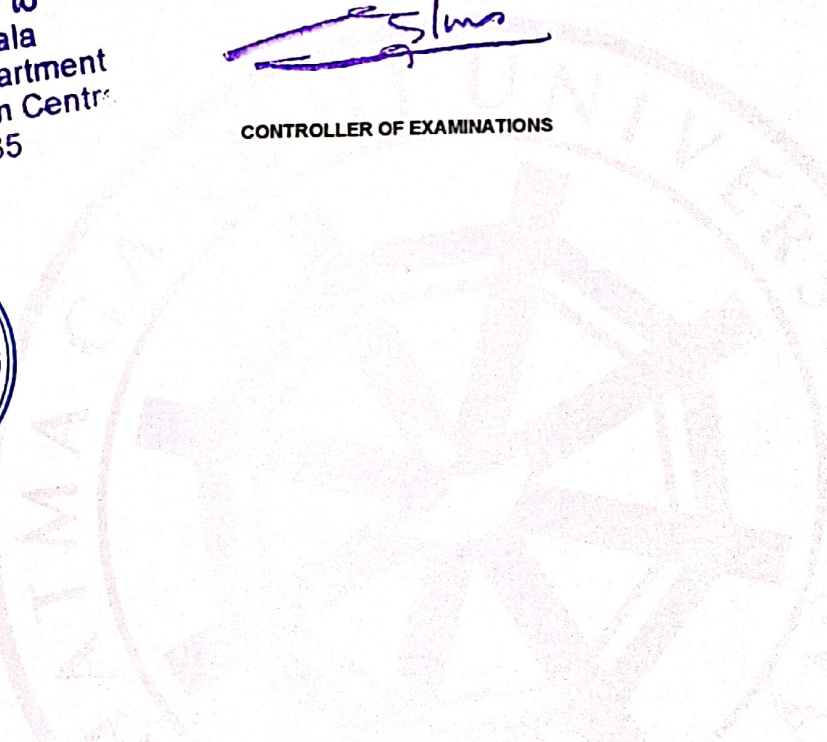
NR007277


**PRADEEP K.R.**  
Additional Secretary to  
Government of Kerala  
Certificate Authentication Centre  
ERNAKULAM - 35

*[Signature]*

CONTROLLER OF EXAMINATIONS





### Description of the Evaluation Process

#### Grade and Grade Point

The Evaluation of each Course comprises of Internal and External Components in the ratio 1:4 for all Courses. Grades and Grade Points are given on a 10-Point Scale based on the Percentage of Total Marks (Internal + External) as given in Table I

**Table I**

% of Marks	Grade	GP
Equal to 95 and above	S Outstanding	10
Equal to 85 and < 95	A+ Excellent	9
Equal to 75 and < 85	A Very Good	8
Equal to 65 and < 75	B+ Good	7
Equal to 55 and < 65	B Above Average	6
Equal to 45 and < 55	C Satisfactory	5
Equal to 35 and < 45	D Pass	4
Below 35	F Failure	0
	Ab Absent	0

#### Credit Point and Credit Point Average

Grades for the different Semesters and overall Programme are given based on the corresponding CPA, as shown in Table II

Credit Point (CP) of a course is Calculated using the formula  $CP = C \times GP$ , Where C is the Credit; GP is the Grade Point.

Credit Point Average(CPA) of a course/Semester or Programme, is calculated using the formula

**Table II**

CPA	SG
Equal to 9.5 and above	S Outstanding
Equal to 8.5 and < 9.5	A+ Excellent
Equal to 7.5 and < 8.5	A Very Good
Equal to 6.5 and < 7.5	B+ Good
Equal to 5.5 and < 6.5	B Above Average
Equal to 4.5 and < 5.5	C Satisfactory
Equal to 4 and < 4.5	D Pass
Below 4	F Failure

**CPA or SCPA or CCPA =  $\frac{TCP}{TC}$ , Where TCP is the Total Credit Point; TC is the Total Credit.**

In the case of an Individual Course, CPA = GP.

SG=Semester grade.

Conversion formula for conversion of SCPA and CCPA into percentage.

1. For SCPA into percentage, multiply the secured SCPA by 10.

**भारत सरकार GOVERNMENT OF INDIA**  
**अपोस्टिल / APOSTILLE**  
(Convention de La Haye du 5 octobre 1961)

Country **REPUBLIC OF INDIA**  
**This public document**  
MARKSHEET

has been signed by **PRADEEP K R**  
acting in the capacity of **ADDITIONAL SECRETARY**

bears the seal/stamp of **GENERAL EDUCATION DEPARTMENT**

**Certified**  
at **KOCHI, INDIA** the **08/AUG-2024**  
by **RPO, MINISTRY OF EXTERNAL AFFAIRS, KOCHI**  
no **9003787112404**  
seal / stamp

**BHANULALI**  
उप पासपोर्ट अधिकारी (अनुमोक्षण)  
**Deputy Passport Officer (Attestation)**  
राज्यीय पासपोर्ट कार्यालय, कोच्चि  
**Regional Passport Office, Kochi**  
विदेश मंत्रालय नई दिल्ली  
Ministry of External Affairs New Delhi

ANJALY SUNNY

800670

भारत सरकार  
GOVT. OF INDIA

or both theory and practical) and aggregate minimum of 35% marks  
a candidate secures F Grade for any one of the courses offered in a  
programme until he/she improves this to D Grade or above within the

Register Number : 180021029413  
Month & Year : April 2021



# Mahatma Gandhi University

(Established by Kerala State Legislature by the Gandhiji University Act, 1985 (Act 12 of 1985) and amended as Mahatma Gandhi University Act, 1985 by Act II of 1988)  
University Buildings, Priyadarsini Hills P.O., Kottayam-686 560, Kerala, India

## FACULTY OF SCIENCE

*The Syndicate of Mahatma Gandhi University hereby  
makes known that*

**ANJALY SUNNY**

*has been admitted to the Degree of*

**Bachelor of Science in Computer Science**

*she having been certified by duly appointed examiners to be  
qualified to receive the same and having been placed by them in  
the **B+** Grade in the examinations held under  
the Choice Based Credit System  
in the month of **April 2021***

*Given under the seal of the University.*

Dated: 18 March 2024



*Vice-Chancellor*

Digitally signed by C T ARAVINDAKUMAR  
Date: 2024.03.19 19:28:08 IST



**GOVERNMENT OF KERALA**  
Department of General Education

Issued to: ANJALY SUNNY

HRD NO: E265470-4 Dtd: 06-08-2024  
BSc - MAHATMA GANDHI UNIVERSITY

**AUTHENTICATED**

NR007278

ROHS



**PRADEEP K.R.**  
Additional Secretary to  
Government of Kerala  
General Education Department  
Certificate Authentication Centre  
ERNAKULAM - 35

भारत सरकार / GOVERNMENT OF INDIA  
अपोस्टिल / APOSTILLE  
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Country: REPUBLIC OF INDIA  
This public document  
DEGREE  
has been signed by: PRADEEP K R  
acting in the capacity of: ADDITIONAL SECRETARY  
bears the seal/stamp of: GENERAL EDUCATION DEPARTMENT

Certified  
at KOCHI, INDIA the 12-AUG-2024  
by RPO, MINISTRY OF EXTERNAL AFFAIRS, KOCHI  
no 9003815112401

भानुमाली  
**BHANULALI**  
उप पासपोर्ट अधिकारी (अनुप्रमाणन)  
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Regional Passport Office, Kochi  
विदेश मंत्रालय नई दिल्ली  
Ministry of External Affairs New Delhi



Assistant Registrar : Elezabeth C C  
Section Officer : Sreethi S  
Assistant : Reshmi M.D

Section PD II

Prepared by [Signature]

Compared by [Signature]

Section Officer [Signature]



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