



AM052172



**Mahatma
Gandhi
University**

Priyadarsini Hills P.O, Kottayam - 686560,
Kerala State, India
Tel: +91-481-2732500
E-mail: mgu@mgu.ac.in www.mgu.ac.in

(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 IX
Student Id : 171301614

Name of the Candidate : EBIN ABRAHAM SAMUEL

Name of the College : KMEA COLLEGE OF ARTS &
SCIENCE, KUZHIVELIPPADY, ALUVA

Permanent Register Number (PRN) : 170021094888

Degree : BACHELOR OF COMPUTER APPLICATIONS

Name of the Programme : COMPUTER APPLICATION
MODEL III

Date of Birth : 21-Oct-1999

Date of Publication of Result : 28-Feb-2024





Course Code	Course Title	Credits	Status			Total	Percentage of Total Marks	Grade Awarded(S)	Grade Point(OP)	Credit Point (C x GP)	Result
			Enrolled	Maximun	Achieved						

Course Code	Course Title	Credits	Enrolled	Maximun	Achieved	Total	Percentage of Total Marks	Grade Awarded(S)	Grade Point(OP)	Credit Point (C x GP)	Result
-------------	--------------	---------	----------	---------	----------	-------	---------------------------	------------------	-----------------	-----------------------	--------

Course Code	Course Title	Credits	Enrolled	Maximun	Achieved	Total	Percentage of Total Marks	Grade Awarded(S)	Grade Point(OP)	Credit Point (C x GP)	Result
-------------	--------------	---------	----------	---------	----------	-------	---------------------------	------------------	-----------------	-----------------------	--------

SEMESTER I													
Common Course 1													
English - Two - Year English													
ENGL001	English - Two - Year English	4	31	60	17	20	98	100	50	C	5	20	Pass
Core Course													
Computer Fundamentals and Digital Principles													
CS(CS)01	Computer Fundamentals and Digital Principles	4	27	60	16	20	43	100	43	D	4	16	Pass
CS(CS)02	Mathematics of Programming and C Language	3	18	60	16	20	34	100	34	C	4	12	Pass
CS(CS)03	Software Lab (I)	2	25	60	17	20	42	100	42	D	4	8	Pass
Complementary Course													
Mathematics - Discrete Mathematics I													
MA(MA)01	Mathematics - Discrete Mathematics I	4	18	60	17	20	34	100	34	A	4	16	Pass
ST(STAT)1	Basic Statistics and Introductory Probability Theory	4	31	60	16	20	40	100	40	C	4	16	Pass

SEMESTER II													
Common Course 1													
English - Two - Year English													
ENGL001	English - Two - Year English	4	20	60	16	20	40	100	40	C	4	16	Pass
Core Course													
Data Base Management Systems													
CS(CS)04	Data Base Management Systems	3	24	60	13	20	37	100	37	D	4	12	Pass
CS(CS)05	Computer Organization and Architecture	4	42	60	14	20	36	100	36	B	4	16	Pass
CS(CS)06	Object Oriented Programming using C++	3	22	60	12	20	37	100	37	D	4	12	Pass
CS(CS)07	Software Lab - II (I)	2	24	60	17	20	42	100	42	D	4	8	Pass
Complementary Course													
Mathematics - Discrete Mathematics II													
MA(MA)02	Mathematics - Discrete Mathematics II	4	20	60	14	20	42	100	42	D	4	16	Pass

SEMESTER III													
Core Course													
Microprocessor and PC Hardware													
CS(CS)08	Microprocessor and PC Hardware	4	24	60	16	20	40	100	40	D	4	16	Pass
CS(CS)09	Operating Systems	4	42	60	17	20	34	100	34	C	4	16	Pass
CS(CS)10	Computer Graphics	4	28	60	14	20	40	100	40	D	4	16	Pass
CS(CS)11	Data Structures using C++	3	24	60	16	20	40	100	40	D	4	12	Pass
CS(CS)12	Software Lab - III (I)	2	23	60	15	20	40	100	40	C	5	10	Pass
Complementary Course													
Advanced Statistical Methods													
ST(STAT)2	Advanced Statistical Methods	4	20	60	14	20	34	100	34	B	4	16	Pass

SEMESTER IV													
Core Course													
System Analysis and Software Engineering													
CS(CS)13	System Analysis and Software Engineering	4	28	60	11	20	34	100	34	D	4	16	Pass
CS(CS)14	Design and Analysis of Algorithms	4	24	60	14	20	35	100	35	D	4	16	Pass
CS(CS)15	Linear Algebra	4	24	60	16	20	40	100	40	D	4	16	Pass
CS(CS)16	Web Programming using PHP	3	24	60	16	20	40	100	40	D	4	12	Pass
CS(CS)17	Software Lab - IV (I)	2	27	60	16	20	43	100	43	D	4	8	Pass
Complementary Course													
Research Projects													
MA(MA)03	Research Projects	4	11	60	14	20	40	100	40	C	4	16	Pass

SEMESTER V													
Core Course													
Computer Networks													
CS(CS)18	Computer Networks	4	26	60	13	20	47	100	47	D	4	16	Pass
CS(CS)19	IT and Environment	4	44	60	14	20	35	100	35	B	4	16	Pass
CS(CS)20	Java Programming using Java	3	21	60	12	20	39	100	39	D	4	12	Pass
CS(CS)21	Software Lab - V (I)	2	28	60	11	20	38	100	38	D	4	8	Pass
Open Course													
Brand Management													
BL(BR)02	Brand Management	3	25	60	18	20	35	100	35	D	4	12	Pass
Project													
Software Development Lab (Open Thesis in PDD) (I)													
CS(CS)22	Software Development Lab (Open Thesis in PDD) (I)	3	25	60	11	20	46	100	46	D+	4	12	Pass

SEMESTER VI													
Core Course													
Cloud Computing													
CS(CS)23	Cloud Computing	4	29	60	6	20	31	100	31	D	4	16	Pass
CS(CS)24	Mobile Application Development - Android	4	24	60	11	20	34	100	34	D	4	16	Pass
Project													
Software Development Lab (II) (Open Thesis) (I)													
CS(CS)25	Software Development Lab (II) (Open Thesis) (I)	3	28	60	11	20	31	100	31	D	4	12	Pass
Open Course													
Software Lab VI and Seminar (I)													
CS(CS)26	Software Lab VI and Seminar (I)	2	-	-	43	100	43	100	43	D+	4	14	Pass

SEMESTER I													
ENGL001	English - Two - Year English	4	31	60	17	20	98	100	50	C	5	20	Pass
CS(CS)01	Computer Fundamentals and Digital Principles	4	27	60	16	20	43	100	43	D	4	16	Pass
CS(CS)02	Mathematics of Programming and C Language	3	18	60	16	20	34	100	34	C	4	12	Pass
CS(CS)03	Software Lab (I)	2	25	60	17	20	42	100	42	D	4	8	Pass
MA(MA)01	Mathematics - Discrete Mathematics I	4	18	60	17	20	34	100	34	A	4	16	Pass
ST(STAT)1	Basic Statistics and Introductory Probability Theory	4	31	60	16	20	40	100	40	C	4	16	Pass

SEMESTER II													
ENGL001	English - Two - Year English	4	20	60	16	20	40	100	40	C	4	16	Pass
CS(CS)04	Data Base Management Systems	3	24	60	13	20	37	100	37	D	4	12	Pass
CS(CS)05	Computer Organization and Architecture	4	42	60	14	20	36	100	36	B	4	16	Pass
CS(CS)06	Object Oriented Programming using C++	3	22	60	12	20	37	100	37	D	4	12	Pass
CS(CS)07	Software Lab - II (I)	2	24	60	17	20	42	100	42	D	4	8	Pass
MA(MA)02	Mathematics - Discrete Mathematics II	4	20	60	14	20	42	100	42	D	4	16	Pass

SEMESTER III													
CS(CS)08	Microprocessor and PC Hardware	4	24	60	16	20	40	100	40	D	4	16	Pass
CS(CS)09	Operating Systems	4	42	60	17	20	34	100	34	C	4	16	Pass
CS(CS)10	Computer Graphics	4	28	60	14	20	40	100	40	D	4	16	Pass
CS(CS)11	Data Structures using C++	3	24	60	16	20	40	100	40	D	4	12	Pass
CS(CS)12	Software Lab - III (I)	2	23	60	15	20	40	100	40	C	5	10	Pass
ST(STAT)2	Advanced Statistical Methods	4	20	60	14	20	34	100	34	B	4	16	Pass

SEMESTER IV													
CS(CS)13	System Analysis and Software Engineering	4	28	60	11	20	34	100	34	D	4	16	Pass
CS(CS)14	Design and Analysis of Algorithms	4	24	60	14	20	35	100	35	D	4	16	Pass
CS(CS)15	Linear Algebra	4	24	60	16	20	40	100	40	D	4	16	Pass
CS(CS)16	Web Programming using PHP	3	24	60	16	20	40	100	40	D	4	12	Pass
CS(CS)17	Software Lab - IV (I)	2	27	60	16	20	43	100	43	D	4	8	Pass
MA(MA)03	Research Projects	4	11	60	14	20	40	100	40	C	4	16	Pass

SEMESTER V													
CS(CS)18	Computer Networks	4	26	60	13	20	47	100	47	D	4	16	Pass
CS(CS)19	IT and Environment	4	44	60	14	20	35	100	35	B	4	16	Pass
CS(CS)20	Java Programming using Java	3	21	60	12	20	39	100	39	D	4	12	Pass
CS(CS)21	Software Lab - V (I)	2	28	60	11	20	38	100	38	D	4	8	Pass
BL(BR)02	Brand Management	3	25	60	18	20	35	100	35	D	4	12	Pass
CS(CS)22	Software Development Lab (Open Thesis in PDD) (I)	3	25	60	11	20	46	100	46	D+	4	12	Pass

SEMESTER VI													
CS(CS)23	Cloud Computing	4	29	60	6	20	31	100	31	D	4	16	Pass
CS(CS)24	Mobile Application Development - Android	4	24	60	11	20	34	100	34	D	4	16	Pass
CS(CS)25	Software Development Lab (II) (Open Thesis) (I)	3	28	60	11	20	31	100	31	D	4	12	Pass
CS(CS)26	Software Lab VI and Seminar (I)	2	-	-	43	100	43	100	43	D+	4	14	Pass

SEMESTER I													
ENGL001	English - Two - Year English	4	31	60	17	20	98	100	50	C	5	20	Pass
CS(CS)01	Computer Fundamentals and Digital Principles	4	27	60	16	20	43	100	43	D	4	16	Pass
CS(CS)02	Mathematics of Programming and C Language	3	18	60	16	20	34	100	34	C	4	12	Pass
CS(CS)03	Software Lab (I)	2	25	60	17	20	42	100	42	D	4	8	Pass
MA(MA)01	Mathematics - Discrete Mathematics I	4	18	60	17	20	34	100	34	A	4	16	Pass
ST(STAT)1	Basic Statistics and Introductory Probability Theory	4	31	60	16	20	40	100	40	C	4	16	Pass

SEMESTER II													
ENGL001	English - Two - Year English	4	20	60	16	20	40	100	40	C	4	16	Pass
CS(CS)04	Data Base Management Systems	3	24	60	13	20	37	100	37	D	4	12	Pass
CS(CS)05	Computer Organization and Architecture	4	42	60	14	20	36	100	36	B	4	16	Pass
CS(CS)06	Object Oriented Programming using C++	3	22	60	12	20	37	100	37	D	4	12	Pass
CS(CS)07	Software Lab - II (I)	2	24	60	17	20	42	100	42	D	4	8	Pass
MA(MA)02	Mathematics - Discrete Mathematics II	4	20	60	14	20	42	100	42	D	4	16	Pass

SEMESTER III													
CS(CS)08	Microprocessor and PC Hardware	4	24	60	16	20	40	100	40	D	4	16	Pass
CS(CS)09	Operating Systems	4	42	60	1								



Permanent Register Number (PRN) : 170021094888

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					
SEMESTER I													
EN1CCT01	Common Course I English - Fine - tune Your English	4	33	80	17	20	50	100	50	C	5	20	Pass
Core Course													
CS1CRT01	Computer Fundamentals and Digital Principles	4	27	80	16	20	43	100	43	D	4	16	Pass
CS1CRT02	Methodology of Programming and C Language	3	38	80	16	20	54	100	54	C	5	15	Pass
CS1CRP01	Software Lab I (P)	2	25	80	17	20	42	100	42	D	4	8	Pass
Complementary Course													
MM1CMT03	Mathematics - Discrete Mathematics I	4	58	80	17	20	75	100	75	A	8	32	Pass
ST1CMT31	Basic Statistics and Introductory Probability Theory	4	33	80	16	20	49	100	49	C	5	20	Pass
SEMESTER II													
EN2CCT03	Common Course I English-Issues That Matter	4	30	80	16	20	46	100	46	C	5	20	Pass
Core Course													
CS2CRT04	Data Base Management Systems	3	24	80	13	20	37	100	37	D	4	12	Pass
CS2CRT05	Computer Organization and Architecture	4	45	80	11	20	56	100	56	B	6	24	Pass
CS2CRT06	Object Oriented Programming using C++	3	25	80	12	20	37	100	37	D	4	12	Pass
CS2CRP02	Software Lab - II (P)	2	25	80	17	20	42	100	42	D	4	8	Pass
Complementary Course													
MM2CMT03	Mathematics - Discrete Mathematics II	4	28	80	14	20	42	100	42	D	4	16	Pass
SEMESTER III													
Core Course													
CA3CRT01	Microprocessor and PC Hardware	4	24	80	16	20	40	100	40	D	4	16	Pass
CA3CRT02	Operating Systems	4	43	80	11	20	54	100	54	C	5	20	Pass
CS3CRT07	Computer Graphics	4	29	80	17	20	46	100	46	C	5	20	Pass
CS3CRT08	Data Structure using C++	3	24	80	16	20	40	100	40	D	4	12	Pass
CS3CRP03	Software Lab - III (P)	2	33	80	15	20	48	100	48	C	5	10	Pass
Complementary Course													
ST3CMT32	Advanced Statistical Methods	4	50	80	14	20	64	100	64	B	6	24	Pass
SEMESTER IV													
Core Course													
CA4CRT03	System Analysis and Software Engineering	4	25	80	11	20	36	100	36	D	4	16	Pass
CS4CRT09	Design and Analysis of Algorithms	4	24	80	14	20	38	100	38	D	4	16	Pass
CS4CRT10	Linux Administration	4	24	80	16	20	40	100	40	D	4	16	Pass
CS4CRT11	Web Programming using PHP	3	24	80	16	20	40	100	40	D	4	12	Pass
CS4CRP04	Software Lab - IV (P)	2	27	80	16	20	43	100	43	D	4	8	Pass
Complementary Course													
MM4CMT03	Operations Research	4	31	80	14	20	45	100	45	C	5	20	Pass
SEMESTER V													
Core Course													
CS5CRT12	Computer Networks	4	30	80	12	20	42	100	42	D	4	16	Pass
CS5CRT13	IT and Environment	4	44	80	14	20	58	100	58	B	6	24	Pass
CS5CRT14	Java Programming using Linux	3	27	80	12	20	39	100	39	D	4	12	Pass
CS5CRP05	Software Lab - V (P)	2	28	80	11	20	39	100	39	D	4	8	Pass
Open Course													
BASOPT22	Brand Management	3	25	80	10	20	35	100	35	D	4	12	Pass
Project I													
CA5PRP01	Software Development Lab I (Mini Project in PHP) (P)	3	55	80	11	20	66	100	66	B+	7	21	Pass
SEMESTER VI													
Core Course													
CA6CRT04	Cloud Computing	4	29	80	6	20	35	100	35	D	4	16	Pass
CS6CRT15	Mobile Application Development- Android	4	25	80	11	20	36	100	36	D	4	16	Pass
Project I													
CA6PRP02	Software Development Lab II (Main Project) (P)	3	50	80	11	20	61	100	61	B	6	18	Pass
Seminar													
CA6SMP01	Software Lab VI and Seminar (P)	2	-	-	65	100	65	100	65	B+	7	14	Pass



Permanent Register Number (PRN) : 170021094888

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					
SEMESTER I													
EN1CCT01	Common Course I English - Fine - tune Your English	4	33	80	17	20	50	100	50	C	5	20	Pass
Core Course													
CS1CRT01	Computer Fundamentals and Digital Principles	4	27	80	16	20	43	100	43	D	4	16	Pass
CS1CRT02	Methodology of Programming and C Language	3	38	80	16	20	54	100	54	C	5	15	Pass
CS1CRP01	Software Lab I (P)	2	25	80	17	20	42	100	42	D	4	8	Pass
Complementary Course													
MM1CMT03	Mathematics - Discrete Mathematics I	4	58	80	17	20	75	100	75	A	8	32	Pass
ST1CMT31	Basic Statistics and Introductory Probability Theory	4	33	80	16	20	49	100	49	C	5	20	Pass
SEMESTER II													
EN2CCT03	Common Course I English-Issues That Matter	4	30	80	16	20	46	100	46	C	5	20	Pass
Core Course													
CS2CRT04	Data Base Management Systems	3	24	80	13	20	37	100	37	D	4	12	Pass
CS2CRT05	Computer Organization and Architecture	4	45	80	11	20	56	100	56	B	6	24	Pass
CS2CRT06	Object Oriented Programming using C++	3	25	80	12	20	37	100	37	D	4	12	Pass
CS2CRP02	Software Lab - II (P)	2	25	80	17	20	42	100	42	D	4	8	Pass
Complementary Course													
MM2CMT03	Mathematics - Discrete Mathematics II	4	28	80	14	20	42	100	42	D	4	16	Pass
SEMESTER III													
Core Course													
CA3CRT01	Microprocessor and PC Hardware	4	24	80	16	20	40	100	40	D	4	16	Pass
CA3CRT02	Operating Systems	4	43	80	11	20	54	100	54	C	5	20	Pass
CS3CRT07	Computer Graphics	4	29	80	17	20	46	100	46	C	5	20	Pass
CS3CRT08	Data Structure using C++	3	24	80	16	20	40	100	40	D	4	12	Pass
CS3CRP03	Software Lab - III (P)	2	33	80	15	20	48	100	48	C	5	10	Pass
Complementary Course													
ST3CMT32	Advanced Statistical Methods	4	50	80	14	20	64	100	64	B	6	24	Pass
SEMESTER IV													
Core Course													
CA4CRT03	System Analysis and Software Engineering	4	25	80	11	20	36	100	36	D	4	16	Pass
CS4CRT09	Design and Analysis of Algorithms	4	24	80	14	20	38	100	38	D	4	16	Pass
CS4CRT10	Linux Administration	4	24	80	16	20	40	100	40	D	4	16	Pass
CS4CRT11	Web Programming using PHP	3	24	80	16	20	40	100	40	D	4	12	Pass
CS4CRP04	Software Lab - IV (P)	2	27	80	16	20	43	100	43	D	4	8	Pass
Complementary Course													
MM4CMT03	Operations Research	4	31	80	14	20	45	100	45	C	5	20	Pass
SEMESTER V													
Core Course													
CS5CRT12	Computer Networks	4	30	80	12	20	42	100	42	D	4	16	Pass
CS5CRT13	IT and Environment	4	44	80	14	20	58	100	58	B	6	24	Pass
CS5CRT14	Java Programming using Linux	3	27	80	12	20	39	100	39	D	4	12	Pass
CS5CRP05	Software Lab - V (P)	2	28	80	11	20	39	100	39	D	4	8	Pass
Open Course													
BASOPT22	Brand Management	3	25	80	10	20	35	100	35	D	4	12	Pass
Project I													
CA5PRP01	Software Development Lab I (Mini Project in PHP) (P)	3	55	80	11	20	66	100	66	B+	7	21	Pass
SEMESTER VI													
Core Course													
CA6CRT04	Cloud Computing	4	29	80	6	20	35	100	35	D	4	16	Pass
CS6CRT15	Mobile Application Development- Android	4	25	80	11	20	36	100	36	D	4	16	Pass
Project I													
CA6PRP02	Software Development Lab II (Main Project) (P)	3	50	80	11	20	61	100	61	B	6	18	Pass
Seminar													
CA6SMP01	Software Lab VI and Seminar (P)	2	-	-	65	100	65	100	65	B+	7	14	Pass

Permanent Register Number (PRN) : 170021094888

CA6VVP01	Viva - Voce Viva Voce (P)	1	40	100	-	-	40	100	40	D	4	4	Pass
CS6CBT02	Choice Based Core Course I Data Mining	4	29	80	11	20	40	100	40	D	4	16	Pass

SEMESTER RESULTS

Semester	Credits	SCPA	Grade	Month & Year of Passing	Result
SEMESTER I	21	5.29	C	Jan 2018	Pass
SEMESTER II	20	4.60	C	Oct 2020	Pass
SEMESTER III	21	4.86	C	Mar 2022	Pass
SEMESTER IV	21	4.19	D	May 2019	Pass
SEMESTER V	19	4.89	C	Oct 2023	Pass
SEMESTER VI	18	4.67	C	Mar 2023	Pass
TOTAL	120				

PROGRAMME PART RESULTS

Programme Part	Credit Points	Credits	CCPA	Grade
Common Course I : English	40	8	5.00	C
Core Course : Computer Applications	406	89	4.56	C
Complementary Course : Mathematics	68	12	5.67	B
Complementary Course : Statistics	44	8	5.50	B
Open Course : Brand Management	12	3	4.00	D
TOTAL	570	120	4.75	C

Overall Programme

CUMULATIVE CREDIT POINT AVERAGE (CCPA) = 4.75 : GRADE = C Only


CONTROLLER OF EXAMINATIONS



Register Number : 170021094888
Month & Year : October 2023



Mahatma Gandhi University

(Established by Kerala State Legislature by the Gandhi University Act, 1985 (Act 12 of 1985) and amended as Mahatma Gandhi University Act, 1985 by Act II of 1986)
University Buildings, Priyadaraini Hills P.O., Kottayam-686 560, Kerala, India

FACULTY OF TECHNOLOGY AND APPLIED SCIENCES

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

EBIN ABRAHAM SAMUEL

has been admitted to the Degree of
Bachelor of Computer Applications

*he having been certified by duly appointed examiners to be
qualified to receive the same and having been placed by them in
the **C** Grade in the examinations held under
the Choice Based Credit System
in the month of **October 2023***

Given under the seal of the University.

Dated: 04 May 2024



Vice-Chancellor