Register Number : 170021033504
Month & Year : March 2020

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

G DEVALAKSHMI

has been admitted to the Degree of

Bachelor of Science in Physics

she having been certified by duly appointed examiners to be qualified to receive the same and having been placed by them in the **A** *Grade in the examinations held under the Choice Based Credit System in the month of* **March 2020**

Given under the seal of the University.

Dated: 28 February 2022

OFFICE OF THE MAHATMA GANDHI UNIVERSITY KOTTAYAM

Vice-Chancellor

B.Sc.

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

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 x 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

CPA or SCPA or CCPA=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.

2. For conversion of CCPA into percentage, multiply the secured CCPA by 10.

Note : A separate minimum of 30% marks each for internal and external (for both theory and practical) and aggregate minimum of 35% marks (equivalent to CPA of 4 / Grade D)are required for a pass for a course. If a candidate secures F Grade for any one of the courses offered in a Semester/Programme, only F Grade will be awarded for that Semester/Programme until he/she improves this to D Grade or above within the permitted period.

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

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

AK 001680

Mahatma Gandhi University

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by the Gandhiji University Act, 1985 (Act 12 of 1985)
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by Act II of 1988

CONSOLIDATED MARK CUM GRADE CARD



Section : CBCSS II
Student Id : 171258471

Name of the Candidate : **G DEVALAKSHMI**

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

Permanent Register Number(PRN) : **170021033504**

Degree : BACHELOR OF SCIENCE

Name of the Programme : PHYSICS
MODEL I

Date of Birth : 26-Oct-1999

Date of Publication of Result : 13-Aug-2020

Permanent Register Number (PRN) : 170021033504

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													
	Common Course I												
EN1CCT01	English - Fine - tune Your English	4	52	80	16	20	68	100	68	B+	7	28	Pass
EN1CCT02	English-Pearls from the Deep	3	54	80	18	20	72	100	72	B+	7	21	Pass
	Common Course II												
HN1CCT01	Hindi-Prose and One Act Plays	4	41	80	18	20	59	100	59	B	6	24	Pass
	Core Course												
PH1CRT01	Methodology and Perspectives of Physics	2	46	60	13	15	59	75	79	A	8	16	Pass
	Complementary Course												
CH1CMT01	Chemistry - Basic Theoretical and Analytical Chemistry	2	55	60	14	15	69	75	92	A+	9	18	Pass
MM1CMT01	Mathematics - Partial Differentiation, Matrices, Trigonometry and Numerical Methods	3	76	80	19	20	95	100	95	S	10	30	Pass
SEMESTER II													
	Common Course I												
EN2CCT03	English-Issues That Matter	4	44	80	9	20	53	100	53	C	5	20	Pass
EN2CCT04	English-Savouring the Classics	3	47	80	19	20	66	100	66	B+	7	21	Pass
	Common Course II												
HN2CCT01	Hindi - Short Stories and Novel	4	36	80	16	20	52	100	52	C	5	20	Pass
	Core Course												
PH2CRT02	Mechanics and Properties of Matter	2	30	60	14	15	44	75	59	B	6	12	Pass
PH2CRP01	Mechanics and Properties of Matter (P)	2	36	40	10	10	46	50	92	A+	9	18	Pass
	Complementary Course												
CH2CMT02	Chemistry - Basic Organic Chemistry	2	56	60	14	15	70	75	93	A+	9	18	Pass
MM2CMT01	Mathematics - Integral Calculus and Differential Equations	3	65	80	16	20	81	100	81	A	8	24	Pass
CH2CMP01	Chemistry - Volumetric Analysis (P)	2	29	40	8	10	37	50	74	B+	7	14	Pass
SEMESTER III													
	Common Course I												
EN3CCT05	English-Literature and/as Identity	4	39	80	19	20	58	100	58	B	6	24	Pass
	Common Course II												
HN3CCT01	Hindi-Poetry,Grammar and Translation	4	44	80	19	20	63	100	63	B	6	24	Pass
	Core Course												
PH3CRT03	Optics, Laser and Fiber Optics	3	42	60	14	15	56	75	75	A	8	24	Pass
	Complementary Course												
CH3CMT03	Chemistry - Physical Chemistry - I	3	49	60	14	15	63	75	84	A	8	24	Pass
MM3CMT01	Mathematics - Vector Calculus, Analytic Geometry and Abstract Algebra	4	67	80	20	20	87	100	87	A+	9	36	Pass
SEMESTER IV													
	Common Course I												
EN4CCT06	English-Illuminations	4	46	80	18	20	64	100	64	B	6	24	Pass
	Common Course II												
HN4CCT01	Hindi-Drama and Long Poem	4	64	80	17	20	81	100	81	A	8	32	Pass
	Core Course												
PH4CRT04	Semiconductor Physics	3	54	60	13	15	67	75	89	A+	9	27	Pass
PH4CRP02	Optics and Semiconductor Physics (P)	2	39	40	10	10	49	50	98	S	10	20	Pass
	Complementary Course												
CH4CMT05	Chemistry - Physical Chemistry - II	3	40	60	11	15	51	75	68	B+	7	21	Pass
MM4CMT01	Mathematics - Fourier Series, Laplace Transform and Complex Analysis	4	49	80	18	20	67	100	67	B+	7	28	Pass
CH4CMP02	Chemistry - Physical Chemistry (P)	2	39	40	8	10	47	50	94	A+	9	18	Pass
SEMESTER V													
	Core Course												
PH5CRT05	Electricity and Electrodynamics	3	48	60	13	15	61	75	81	A	8	24	Pass
PH5CRT06	Classical and Quantum Mechanics	3	57	60	13	15	70	75	93	A+	9	27	Pass
PH5CRT07	Digital Electronics and Programming	3	48	60	13	15	61	75	81	A	8	24	Pass
PH5CRT08	Environmental Physics and Human Rights	4	44	60	14	15	58	75	77	A	8	32	Pass
	Open Course												
CO5OPT03	Fundamentals of Accounting	3	68	80	19	20	87	100	87	A+	9	27	Pass

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SEMESTER VI													
	Core Course												
PH6CRT09	Thermal and Statistical Physics	3	45	60	12	15	57	75	76	A	8	24	Pass
PH6CRT10	Relativity and Spectroscopy	3	39	60	14	15	53	75	71	B+	7	21	Pass
PH6CRT11	Nuclear, Particle and Astrophysics	3	45	60	14	15	59	75	79	A	8	24	Pass
PH6CRT12	Solid State Physics	3	39	60	13	15	52	75	69	B+	7	21	Pass
PH6CRP03	Electricity, Magnetism and Laser (P)	2	40	40	9	10	49	50	98	S	10	20	Pass
PH6CRP04	Digital Electronics (P)	2	40	40	10	10	50	50	100	S	10	20	Pass
PH6CRP05	Thermal Physics, Spectroscopy and C++ programming (P)	2	40	40	10	10	50	50	100	S	10	20	Pass
PH6CRP06	Acoustics, Photonics and Advanced Semiconductor Physics (P)	2	38	40	9	10	47	50	94	A+	9	18	Pass
	Project I												
PH6PRP01	Project and Industrial Visit (P)	1	76	80	19	20	95	100	95	S	10	10	Pass
	Choice Based Core Course I												
PH6CBT02	Material Science	3	54	80	17	20	71	100	71	B+	7	21	Pass

SEMESTER RESULTS

Semester	Credits	SCPA	Grade	Month & Year of Passing	Result
SEMESTER I	18	7.61	A	Jan 2018	Pass
SEMESTER II	22	6.68	B+	May 2018	Pass
SEMESTER III	18	7.33	B+	Oct 2018	Pass
SEMESTER IV	22	7.73	A	May 2019	Pass
SEMESTER V	16	8.38	A	Oct 2019	Pass
SEMESTER VI	24	8.29	A	Mar 2020	Pass
TOTAL	120				

PROGRAMME PART RESULTS

Programme Part	Credit Points	Credits	CCPA	Grade
Common Course I : English	138	22	6.27	B
Common Course II : Hindi	100	16	6.25	B
Core Course : Physics	423	51	8.29	A
Complementary Course : Chemistry	113	14	8.07	A
Complementary Course : Mathematics	118	14	8.43	A
Open Course : Fundamentals of Accounting	27	3	9.00	A+
TOTAL	919	120	7.66	A

Overall Programme

CUMULATIVE CREDIT POINT AVERAGE (CCPA) = 7.66 : GRADE = A Only

CONTROLLER OF EXAMINATIONS