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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 XVII
Student Id : 170102632

Name of the Candidate : AKHIL SHIBU

Name of the College : ST. PAUL'S COLLEGE, KALAMASSERY

Permanent Register Number(PRN) : 170021035583

Degree : BACHELOR OF SCIENCE

Name of the Programme : PHYSICS
MODEL I

Date of Birth : 17-Apr-1999

Date of Publication of Result : 09-Feb-2021





Permanent Register Number (PRN) : 170021035583

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	40	80	18	20	58	100	58	B	6	24	Pass
EN1CCT02	English-Pearls from the Deep	3	29	80	18	20	47	100	47	C	5	15	Pass
	Common Course II												
ML1CCT01	Malayalam-Kadha Sahithyam	4	52	80	13	20	65	100	65	B+	7	28	Pass
	Core Course												
PH1CRT01	Methodology and Perspectives of Physics	2	18	60	10	15	28	75	37	D	4	8	Pass
	Complementary Course												
CH1CMT01	Chemistry - Basic Theoretical and Analytical Chemistry	2	23	60	12	15	35	75	47	C	5	10	Pass
MM1CMT01	Mathematics - Partial Differentiation, Matrices, Trigonometry and Numerical Methods	3	28	80	14	20	42	100	42	D	4	12	Pass
SEMESTER II													
	Common Course I												
EN2CCT03	English-Issues That Matter	4	27	80	16	20	43	100	43	D	4	16	Pass
EN2CCT04	English-Savouring the Classics	3	41	80	16	20	57	100	57	B	6	18	Pass
	Common Course II												
ML2CCT02	Malayalam-Kavitha	4	47	80	15	20	62	100	62	B	6	24	Pass
	Core Course												
PH2CRT02	Mechanics and Properties of Matter	2	19	60	7	15	26	75	35	D	4	8	Pass
PH2CRP01	Mechanics and Properties of Matter (P)	2	16	40	6	10	22	50	44	D	4	8	Pass
	Complementary Course												
CH2CMT02	Chemistry - Basic Organic Chemistry	2	18	60	12	15	30	75	40	D	4	8	Pass
MM2CMT01	Mathematics - Integral Calculus and Differential Equations	3	37	80	9	20	46	100	46	C	5	15	Pass
CH2CMP01	Chemistry - Volumetric Analysis (P)	2	37	40	10	10	47	50	94	A+	9	18	Pass
SEMESTER III													
	Common Course I												
EN3CCT05	English-Literature and/as Identity	4	29	80	17	20	46	100	46	C	5	20	Pass
	Common Course II												
ML3CCT03	Malayalam-Drusyakala Sahithyam	4	35	80	7	20	42	100	42	D	4	16	Pass
	Core Course												
PH3CRT03	Optics, Laser and Fiber Optics	3	34	60	8	15	42	75	56	B	6	18	Pass
	Complementary Course												
CH3CMT03	Chemistry - Physical Chemistry - I	3	18	60	9	15	27	75	36	D	4	12	Pass
MM3CMT01	Mathematics - Vector Calculus, Analytic Geometry and Abstract Algebra	4	36	80	9	20	45	100	45	C	5	20	Pass
SEMESTER IV													
	Common Course I												
EN4CCT06	English-Illuminations	4	44	80	16	20	60	100	60	B	6	24	Pass
	Common Course II												
ML4CCT04	Malayalam-Malayala Gadhyarachanakal	4	49	80	14	20	63	100	63	B	6	24	Pass
	Core Course												
PH4CRT04	Semiconductor Physics	3	18	60	10	15	28	75	37	D	4	12	Pass
PH4CRP02	Optics and Semiconductor Physics (P)	2	32	40	7	10	39	50	78	A	8	16	Pass
	Complementary Course												
CH4CMT05	Chemistry - Physical Chemistry - II	3	41	60	10	15	51	75	68	B+	7	21	Pass
MM4CMT01	Mathematics - Fourier Series, Laplace Transform and Complex Analysis	4	24	80	12	20	36	100	36	D	4	16	Pass
CH4CMP02	Chemistry - Physical Chemistry (P)	2	38	40	8	10	46	50	92	A+	9	18	Pass
SEMESTER V													
	Core Course												
PH5CRT05	Electricity and Electrodynamics	3	25	60	7	15	32	75	43	D	4	12	Pass
PH5CRT06	Classical and Quantum Mechanics	3	40	60	6	15	46	75	61	B	6	18	Pass
PH5CRT07	Digital Electronics and Programming	3	35	60	11	15	46	75	61	B	6	18	Pass
PH5CRT08	Environmental Physics and Human Rights	4	28	60	9	15	37	75	49	C	5	20	Pass
	Open Course												
PE5OPT01	Physical Health and Life Skill Education	3	40	80	15	20	55	100	55	B	6	18	Pass

SEMESTER VI

Core Course													
PH6CRT09	Thermal and Statistical Physics	3	39	60	10	15	49	75	65	B+	7	21	Pass
PH6CRT10	Relativity and Spectroscopy	3	31	60	6	15	37	75	49	C	5	15	Pass
PH6CRT11	Nuclear, Particle and Astrophysics	3	23	60	9	15	32	75	43	D	4	12	Pass
PH6CRT12	Solid State Physics	3	25	60	9	15	34	75	45	C	5	15	Pass
PH6CRP03	Electricity, Magnetism and Laser (P)	2	24	40	7	10	31	50	62	B	6	12	Pass
PH6CRP04	Digital Electronics (P)	2	30	40	7	10	37	50	74	B+	7	14	Pass
PH6CRP05	Thermal Physics, Spectroscopy and C++ programming (P)	2	35	40	7	10	42	50	84	A	8	16	Pass
PH6CRP06	Acoustics, Photonics and Advanced Semiconductor Physics (P)	2	37	40	7	10	44	50	88	A+	9	18	Pass
Project I													
PH6PRP01	Project and Industrial Visit (P)	1	58	80	12	20	70	100	70	B+	7	7	Pass
Choice Based Core Course I													
PH6CBT03	Computational Physics	3	44	80	13	20	57	100	57	B	6	18	Pass

SEMESTER RESULTS

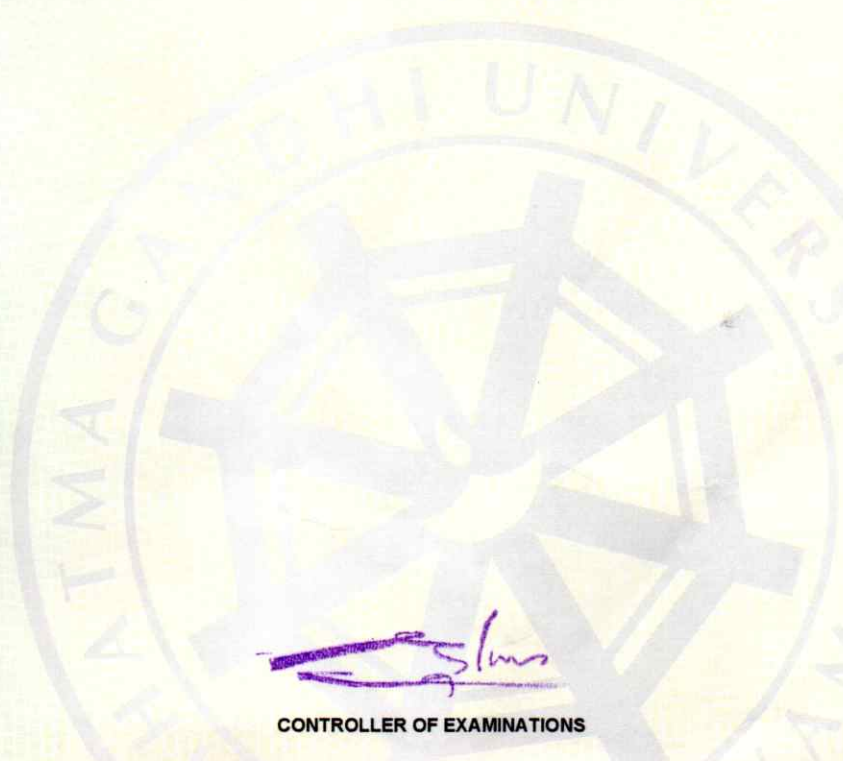
Semester	Credits	SCPA	Grade	Month & Year of Passing	Result
SEMESTER I	18	5.39	C	Dec 2018	Pass
SEMESTER II	22	5.23	C	May 2019	Pass
SEMESTER III	18	4.78	C	Oct 2018	Pass
SEMESTER IV	22	5.95	B	Mar 2020	Pass
SEMESTER V	16	5.38	C	Feb 2020	Pass
SEMESTER VI	24	6.17	B	Mar 2020	Pass
TOTAL	120				

PROGRAMME PART RESULTS

Programme Part	Credit Points	Credits	CCPA	Grade
Common Course I : English	117	22	5.32	C
Common Course II : Malayalam	92	16	5.75	B
Core Course : Physics	286	51	5.61	B
Complementary Course : Chemistry	87	14	6.21	B
Complementary Course : Mathematics	63	14	4.50	C
Open Course : Physical Health and Life Skill Education	18	3	6.00	B
TOTAL	663	120	5.53	B

Overall Programme

CUMULATIVE CREDIT POINT AVERAGE (CCPA) = 5.53 : GRADE = B Only





ATTESTED

NOTARY PUBLIC
Entry No..... 490



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

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

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

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

Note : A separate minimum of 30% marks each for in (equivalent to CPA of 4 / Grade D)are required for a Semester/Programme, only F Grade will be awarded permitted period.

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

Country: REPUBLIC OF INDIA

This public document
CERTIFICATE
has been signed by: CONTROLLER
acting in the capacity of: CONTROLLER
bears the seal/stamp of: SDM, NAND NAGRI, DELHI

Certified
at NEW DELHI, INDIA the 16-Apr-2024
by SO (OI/Attestation) MINISTRY OF EXTERNAL AFFAIRS
No. KLTV0002356824

Seal / Stamp: is issued to AKHIL SHIBU

01 2074987

Signature: [Red Seal]

35% marks offered in a e within the



(पंकज कुमार)
(Pankaj Kumar)
अनुभाग अधिकारी (सिद्धापन / ओ.आई.)
Section Officer (Attestation/O.I.)
सी.पी.डी. प्रभाग / C.P.V. Division
विदेश मंत्रालय, नई दिल्ली
Ministry of External Affairs, New Delhi