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

AKHIL SHIBU

has been admitted to the Degree of

Bachelor of Science in Physics

he 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

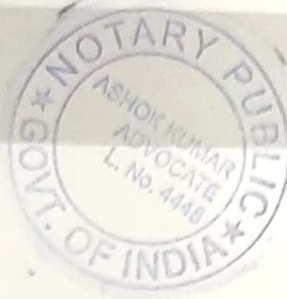in the month of **March 2020**

Given under the seal of the University.

Dated: 28 February 2022
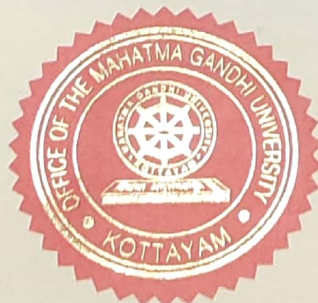
Vice-Chancellor

ATTESTED

NOTARY PUBLIC
Entry No.......

B. L. MEENA
SDM (Election) District North-East
D.C. Office, Complex, Nand Nagri, Delhi-93

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

Country   **REPUBLIC OF INDIA**

This public document
DEGREE
has been signed by   VICE CHANCELLOR
acting in the capacity of   VICE CHANCELLOR
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.   KLTV0002356724

Seal / Stamp   Signature
is issued to   AKHIL SHIBU

OI 2074986

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

Assistant Registrar : Susan C P

Section Officer : Sreethi S

Assistant : Reshmi M.D

Section ____ P D II

Prepared by ____

Compared by ____ Savin

Section Officer ____

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

Course Code	Course Title	Credits (C)	External Awarded(E)	External Maximum	Internal Awarded(I)	Internal Maximum	Total Awarded (E+I)	Total Maximum	Percentage of Total Marks	Grade Awarded(G)	Grade Point(GP)	Credit Point (C x GP)	Result
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 1													
PH6PRP01	Project and Industrial Visit (P)	1	58	80	12	20	70	100	70	B+	7	7	Pass
Choice Based Core Course 1													
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

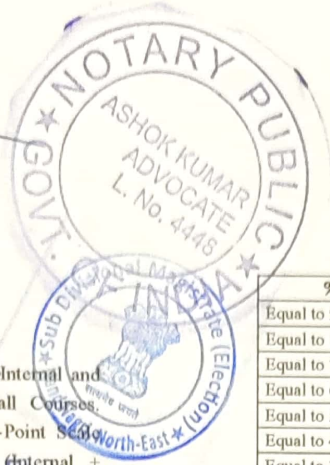CUMULATIVE CREDIT POINT AVERAGE (CCPA) = 5.53 : GRADE = B Only

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

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 ...

Note : A separate minimum of 30% marks each for in... ... 35% marks (equivalent to CPA of 4 / Grade D)are required for a ... ... offered in a Semester/Programme, only F Grade will be awarded ... ...e 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

Scanned with OKEN Scanner

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

Upon the recommendation of

the Board of Governors hereby confers

the Degree of

MASTER OF COMPUTER APPLICATIONS

on

AKHIL SHIBU

having fulfilled the requirements as prescribed under the regulations

at the examination held in

June 2022

Given under the seal of the University, this day, the 16th of December 2022

Register Number: SGI20MCA-2004

Cumulative Grade Point Average (CGPA): 7.51 (First Class)

Authorized Signatory
APJ Abdul Kalam Technological
University

Vice-Chancellor

0238042
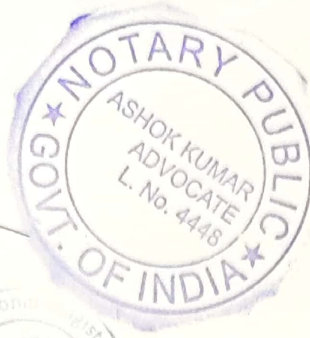
भारत सरकार **GOVERNMENT OF INDIA**
अपोस्टिल / **APOSTILLE**
(Convention de La Haye du 5 octobre 1961)

Country	**REPUBLIC OF INDIA**

This public document
DEGREE

has been signed by VICE CHANCELLOR

acting in the capacity of VICE CHANCELLOR

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. KLTV0002356924

Seal / Stamp   *Signature*

is issued to AKHIL SHIBU

OI 2074988

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

Section	I-x VI
Prepared by	RI
Checked by	JM

0238042

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

(A State Government University)

MASTER OF COMPUTER APPLICATIONS DEGREE EXAMINATIONS

CONSOLIDATED STATEMENT OF GRADES

Sequence No. 22/14/00546

Date of Issue : 10/01/2023

Name : **AKHIL SHIBU**	Register Number : SGI20MCA-2004
Institution : SNGIST GROUP OF INSTITUTIONS	Duration of the programme : 2 Years (4 Semesters)
Year of Admission : 2020	Mode of Study : Regular
Month and Year of Passing : JUNE-2022	Medium of Instruction : English
Total Credits : 86.0	CGPA : 7.51 (Seven Point Five One)

The following Grades were awarded to the Candidate

Sl. No.	Course Code	Course Name	Credits	Grade	Month & Year of Examination	Sl. No.	Course Code	Course Name	Credits	Grade	Month & Year of Examination
		First Semester SGPA -: 7.45				14	MCAM001	BRIDGE COURSE I	0.0	COMPLETED	NOV-2021
1	20MCA101	MATHEMATICAL FOUNDATIONS FOR COMPUTING	4.0	B	DEC-2020	15	20MCA132	OBJECT ORIENTED PROGRAMMING LAB	2.0	A	JUL-2021
2	20MCA103	DIGITAL FUNDAMENTALS AND COMPUTER ARCHITECTURE	4.0	C	DEC-2020			**Third Semester SGPA -: 6.77**			
3	20MCA105	ADVANCED DATA STRUCTURES	4.0	B	DEC-2020	16	20MCA201	DATA SCIENCE AND MACHINE LEARNING	4.0	C	DEC-2021
4	20MCA107	ADVANCED SOFTWARE ENGINEERING	4.0	D	DEC-2020	17	20MCA203	DESIGN AND ANALYSIS OF ALGORITHMS	4.0	D	DEC-2021
5	20MCA133	WEB PROGRAMMING LAB	2.0	S	DEC-2020	18	20MCA263	CYBER SECURITY AND CRYPTOGRAPHY	4.0	C	DEC-2021
6	20MCA135	DATA STRUCTURES LAB	2.0	B+	DEC-2020	19	20MCA289	SOCIAL NETWORK ANALYSIS	4.0	P	DEC-2021
7	20MCA131	PROGRAMMING LAB	2.0	A+	DEC-2020	20	20MCA243	MOBILE APPLICATION DEVELOPMENT LAB	2.0	A	DEC-2021
		Second Semester SGPA -: 7.14				21	20MCA245	MINI PROJECT	2.0	A	DEC-2021
8	20MCA102	ADVANCED DATABASE MANAGEMENT SYSTEMS	4.0	C	JUL-2021	22	20MCA241	DATA SCIENCE LAB	2.0	A	DEC-2021
9	20MCA104	ADVANCED COMPUTER NETWORKS	4.0	D	JUN-2022			**Fourth Semester SGPA -: 8.8**			
10	20MCA164	ORGANIZATIONAL BEHAVIOUR	4.0	D	JUL-2021	23	20MCA242	COMPREHENSIVE VIVA	6.0	B+	JUN-2022
11	20MCA188	ARTIFICIAL INTELLIGENCE	4.0	C+	JUL-2021	24	20MCA244	SEMINAR	2.0	S	JUN-2022
12	20MCA134	ADVANCED DBMS LAB	2.0	S	JUL-2021	25	20MCA246	MAIN PROJECT	12.0	A+	JUN-2022
13	20MCA136	NETWORKING AND SYSTEM ADMINISTRATION LAB	2.0	A+	JUL-2021	26	MCAM002	BRIDGE COURSE II	0.0	COMPLETED	AUG-2022

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

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

CONTROLLER OF EXAMINATIONS
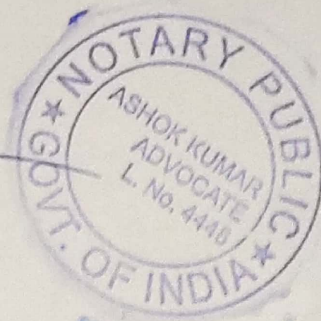
Authorized Signatory
APJ Abdul Kalam Technological University
Date: Tue Jan 10 08:49:13 IST 2023

ATTESTED

NOTARY PUBLIC
Entry No...... ५३ ...

B. L. MEENA
SDM (Election) District North-East
D.C. Office, Complex, Nand Nagri, Delhi-93

NOTARY PUBLIC
GOVT. OF INDIA
ASHOK KUMAR
ADVOCATE
L. No. 4446

Sub Divisional Magistrate (Election)
Nand Nagri, North-East

Scanned with OKEN Scanner