



FACULTY OF APPLIED SCIENCES AND TECHNOLOGY

*The Senate of the University of Kerala hereby makes known that **Thasni M.A.** has been admitted to the Degree of Master of Science, the candidate having been certified by duly appointed Examiners to be qualified to receive the same and having been by them placed in the Grade **A+** in Branch **Data Science** at the Examination held in the year **2022** .*

Given under the seal of the University

University Buildings

Thiruvananthapuram May 15, 2023



Pillay

Vice Chancellor

0755311

UNIVERSITY OF KERALA

Book No. 9

Serial No. 1

POST GRADUATE DEGREE PROGRAMME (CREDIT AND SEMESTER SYSTEM)

CONSOLIDATED GRADE CARD

M.Sc. DATA SCIENCE DEGREE PROGRAMME 2020-2022

Name of Student : THASNI M.A.

Department: FUTURES STUDIES

Register Number: 85420641014

Branch of Study: DATA SCIENCE

Period of Study : 2020-2022

Month/Year of Passing: SEPTEMBER 2022

Semester No.	Course No.	Course Title	Credits	Marks	Grade Point	Grade
I	FDS-CC-511	INTRODUCTION TO DATA SCIENCE	2	85	9	A+
I	FDS-CC-512	PYTHON FOR DATA SCIENCE	3	84.5	8.5	A
I	FDS-CC-513	DATABASE MANAGEMENT SYSTEM	3	85	9	A+
I	FDS-CC-514	MATHEMATICAL FOUNDATIONS OF DATA SCIENCE	3	60	7	B
I	FDS-CC-515	STATISTICAL FOUNDATIONS OF DATA SCIENCE	3	86.65	9	A+
I	FDS-CC-516	LAB 1 : DATABASE MANAGEMENT SYSTEM	3	85	9	A+
I	HIN-GC-501	BEGINNER'S HINDI (ELECTIVE)	2	89	9	A+
I	CSC-GC-501	INTRODUCTION TO SCI LAB (ELECTIVE)	2	72	8	B+
II	FDS-CC-521	INTRODUCTION TO MACHINE LEARNING	3	63	7	B
II	FDS-CC-522	PARALLEL AND DISTRIBUTED COMPUTING	3	77.25	8	B+
II	FDS-CC-523	INFORMATION RETRIEVAL TECHNIQUES	3	72	8	B+
II	FDS-CC-524	DATA VISUALIZATION AND PRESENTATION	2	78	8	B+
II	FDS-CC-525	MINOR PROJECT - INDUSTRY BASED	3	81	8.5	A
II	FDS-DE-527	TIME SERIES ANALYSIS (ELECTIVE)	3	84.5	8.5	A
II	FDS-DE-5210	TEXT ANALYTICS (ELECTIVE)	3	77	8	B+
III	FDS-CC-531	ADVANCED MACHINE LEARNING	3	80	8.5	A
III	FDS-CC-532	ADVANCED GRAPH AND NETWORK ANALYSIS	3	70	8	B+
III	FDS-CC-533	LAB 3-COMPLEX NETWORK ANALYTICS	3	86.5	9	A+
III	FDS-CC-534	DISSERTATION (STAGE I)	4	85	9	A+
III	FDS-DE-536	WEB SCRAPING AND ANALYTICS (ELECTIVE)	3	88	9	A+
III	FDS-DE-538	ARTIFICIAL INTELLIGENCE (ELECTIVE)	3	90.5	10	O
IV	FDS-CC-541	DISSERTATION (STAGE II)	16	91	10	O
TOTAL CREDITS EARNED			76			

CUMULATIVE GRADE POINT AVERAGE :

8.80

(EIGHT POINT EIGHT ZERO)

GRADE: ' A+ ' (EXCELLENT)

Thiruvananthapuram,

Date 22 NOV 2022

CONTROLLER OF EXAMINATIONS



FACULTY OF SCIENCE

Whereas it has been certified by the duly appointed Examiners that

Thasni.M.A

(Register No. **SNARSMT037**)

is qualified to receive the Degree of Bachelor of Science (B.Sc.) in

Mathematics

she having successfully completed the programme in **April 2020**

with Complementary Courses

Statistics

and

Physics

and been placed in **First Class**

with overall grade **C**

The Senate of the University of Calicut hereby confers on her
the Degree of

Bachelor of Science

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University



CALICUT UNIVERSITY P.O.
Kerala, INDIA
PIN - 673 635
13/07/2021

Vice - Chancellor
Digitally signed by Dr M K JAYARAJ
Date: 13/07/2021 12:22:45 PM



Date

No. 0935345

Folio No. 734366



Calicut University P.O.

Pin 673 635

UNIVERSITY OF CALICUT

CONSOLIDATED GRADE CARD

ES VI

DATED : 03/09/2020

PROGRAMME : B.Sc MATHEMATICS

COLLEGE : SREE NARAYANA COLLEGE, NATTIKA

NAME OF CANDIDATE: THASNI MA

REGISTER NUMBER : SNARSMT037

C - T	Course Code	Course Title	Credit	Marks Awarded			Max. Marks			Grade Point	Grade	Credit Point	R S	Month & Year	P / F
				IA	ESE	Total	IA	ESE	Total						
SEMESTER - I															
A	ENG1A01	TRANSACTIONS:ESSENTIAL ENGLISH LANGUAGE SKILLS	3	19	57	76	20	80	100	4	B	12	R	11/2017	P
A	ENG1A02	WAYS WITH WORDS ; LITERATURES IN ENGLISH	4	18	48	66	20	80	100	3	C	12	R	11/2017	P
A	MAL1A07	MALAYALA SAHITHYAM I	4	20	52	72	20	80	100	4	B	16	R	11/2017	P
B	MAT1B01	FOUNDATIONS OF MATHEMATICS	4	13	50	63	20	80	100	3	C	12	I	11/2018	P
C	ST1C01	BASIC STATISTICS AND PROBABILITY	3	15	50	65	20	80	100	3	C	9	R	11/2017	P
C	PH1C01	PROPERTIES OF MATTER AND THERMODYNAMICS	2	12	24	36	16	64	80	1	E	2	I	11/2018	P
Total			20									63			
Semester Grade Point Average (SGPA) : 3.15									Grade : C						
SEMESTER - II															
A	ENG2A03	WRITING FOR ACADEMIC & PROFESSIONAL SUCCESS	3	19	45	64	20	80	100	3	C	9	R	04/2018	P
A	ENG2A04	ZEITGEIST-READINGS ON CONTEMPORARY CULTURE	4	19	44	63	20	80	100	3	C	12	R	04/2018	P
A	MAL2A08	MALAYALASAHITHYAM-II	4	20	57	77	20	80	100	4	B	16	R	04/2018	P
B	MAT2B02	CALCULUS	4	15	53	68	20	80	100	3	C	12	I	04/2019	P
C	ST2C02	PROBABILITY DISTRIBUTIONS	3	17	54	71	20	80	100	4	B	12	R	04/2018	P
C	PH2C03	MECHANICS, RELATIVITY, WAVES AND OSCILLATIONS	2	14	27	41	16	64	80	2	D	4	I	04/2019	P
Total			20									65			
Semester Grade Point Average (SGPA) : 3.25									Grade : C						
SEMESTER - III															
A	ENG3A05	SIGNATURES:EXPRESSING THE SELF	4	17	40	57	20	80	100	2	D	8	R	11/2018	P
A	MAL3A09	MALAYALASAHITHYAM-III	4	20	66	86	20	80	100	5	A	20	R	11/2018	P
B	MAT3B03	CALCULUS AND ANALYTIC GEOMETRY	4	17	59	76	20	80	100	4	B	16	R	11/2018	P
C	ST3C03	STATISTICAL INFERENCE	3	18	63	81	20	80	100	5	A	15	R	11/2018	P
C	PH3C03	OPTICS,LASER,ELECTRONICS AND COMMUNICATION	2	15	45	60	16	64	80	4	B	8	R	11/2018	P
Total			17									67			
Semester Grade Point Average (SGPA) : 3.94									Grade : B						
SEMESTER - IV															
A	ENG4A06	SPECTRUM: LITERATURE AND CONTEMPORARY ISSUES	4	18	45	63	20	80	100	3	C	12	R	04/2019	P
A	MAL4A10	MALAYALASAHITHYAM-IV	4	20	54	74	20	80	100	4	B	16	R	04/2019	P
B	MAT4B04	THEORY OF EQUATIONS ,MATRICES AND VECTOR CALCULUS	4	20	31	51	20	80	100	2	D	8	R	04/2019	P
C	ST4C04	APPLIED STATISTICS	3	19	67	86	20	80	100	5	A	15	R	04/2019	P
C	PH4C04	ELECTRICITY , MAGNETISM & NUCLEAR PHYSICS	2	13	23	36	16	64	80	1	E	2	R	04/2019	P
C	PH4C05 (P)	PHYSICS PRACTICALS	4	16	53	69	16	64	80	5	A	20	R	04/2019	P
Total			21									73			
Semester Grade Point Average (SGPA) : 3.48									Grade : C						

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SEMESTER - V												
B MAT5B05	VECTOR CALCULUS	4	30	79	109	30	120	150	4	B	16	R 11/2019 P
B MAT5B06	ABSTRACT ALGEBRA	5	30	50	80	30	120	150	2	D	10	R 11/2019 P
B MAT5B07	BASIC MATHEMATICAL ANALYSIS	5	29	75	104	30	120	150	3	C	15	R 11/2019 P
B MAT5B08	DIFFERENTIAL EQUATIONS	4	30	101	131	30	120	150	5	A	20	R 11/2019 P
D PE5D03	PHYSICAL ACTIVITY HEALTH AND WELLNESS	2	9	29	38	10	40	50	4	B	8	R 11/2019 P
Total											69	

Semester Grade Point Average (SGPA) : 3.45 Grade : C

SEMESTER - VI												
B MAT6B09	REAL ANALYSIS	5	30	82	112	30	120	150	4	B	20	R 04/2020 P
B MAT6B10	COMPLEX ANALYSIS	5	30	65	95	30	120	150	3	C	15	R 04/2020 P
B MAT6B11	NUMERICAL METHODS	4	30	65	95	30	120	150	3	C	12	R 04/2020 P
B MAT6B12	NUMBER THEORY AND LINEAR ALGEBRA	4	30	65	95	30	120	150	3	C	12	R 04/2020 P
B MAT6B13-E02	LINEAR PROGRAMMING	2	20	52	72	20	80	100	4	B	8	R 04/2020 P
B MAT6P14(PR)	PROJECT/VIVA	2	10	40	50	10	40	50	6	A+	12	R 04/2020 P
Total											79	

Semester Grade Point Average (SGPA) : 3.59 Grade : B

Total Credits Acquired		120	Total Credit points Obtained		416	
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Cumulative Grade Point Average (CGPA): 3.47 (Three Point Four Seven) - Letter Grade : C
CGPA in Percentage : 69.70 %

Formulae for CGPA% : If CGPA <= 0.5, CGPA% = 80 x CGPA; If 0.5 < CGPA <= 5.5, CGPA% = 40 + (CGPA-0.5) x 10; If CGPA > 5.5, CGPA% = 90 + (CGPA-5.5) x 20.

Eligibility for Higher Studies : CGPA 'E' and above

Category	CGPA	Grade	CGPA %	Credits
COMMON COURSE(S) : English	2.95	C	64.50 %	22
COMMON COURSE(S) : Malayalam	4.25	B	77.50 %	16
CORE COURSES - MATHEMATICS	3.36	C	68.60 %	56
COMPLEMENTARY COURSE(S) - I. STATISTICS	4.25	B	77.50 %	12
COMPLEMENTARY COURSE(S) - II. PHYSICS	3.00	C	65.00 %	12
OPEN COURSE - Physical activity health and wellness	4.00	B	75.00 %	2

P : Passed F : Failed Ab : Absent IA : Internal Assessment ESE : End Semester Evaluation
R : Regular S : Supplementary I : Improvement Credit Point = Credit x Grade Point
SGPA = Total Credit Points in Semester / Total Credits CGPA = Total Credit Points Obtained in Six Semesters / Total Credits Acquired (120)
CT: Course Type A : Common B: Core C : Complementary D : Open

Marks (%)	Below 40	40 to below 50	50 to below 60	60 to below 70	70 to below 80	80 to below 90	90 and above
Grade	F	E	D	C	B	A	A+
Grade Point	0	1	2	3	4	5	6
Grade Range	0.00-0.49	0.50-1.49	1.50-2.49	2.50-3.49	3.50-4.49	4.50-5.49	5.50-6.00
Class	Fail	Third Class	Second Class	First class	First class	First class with distinction	First class with distinction

Pass Requirements Minimum 40% marks / 'E' Grade in each course, Appearance for IA & ESE



[Signature]
Controller of Examinations

Checked by *[Signature]* Section Officer AR/DB/JR (Exams)

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GOVERNMENT OF KERALA
BOARD OF HIGHER SECONDARY EXAMINATION
THIRUVANANTHAPURAM



No. HSE 2/2017/209703

CERTIFICATERegister
Number**4211833**

This is to certify that Mr/Ms. THASNLMA appeared for the HIGHER SECONDARY EXAMINATION
(SCIENCE GROUP) held in MARCH 2017. He/She is ELIGIBLE for higher studies.

The Scores and Grades obtained by the candidate are shown below:-

No. of Chances : 1

SUBJECTS	FIRST YEAR			SECOND YEAR				GRAND TOTAL				Grade Obtained	Grade in Words
	CE	TE	Total	CE	PE	TE	Total	CE	PE	TE	Total		
PART I ENGLISH	20	40	60	19		46	65	39		86	125	B	B only
PART II HINDI	19	80	99	20	—	80	100	39	—	160	199	A+	A plus
PART III (Optionals) PHYSICS	19	32	51	19	38	32	89	38	38	64	140	B+	B plus
CHEMISTRY	19	43	62	18	40	38	96	37	40	81	158	B+	B plus
BIOLOGY	19	36	55	20	39	47	106	39	39	83	161	A	A only
MATHEMATICS-SCI	20	47	67	19	—	57	76	39	—	104	143	B+	B plus

Eligibility for Higher Studies : D+ Grade or above for all subjects. * Scores obtained in the previous examination(s).

**PRADEEP M.V.**Signature of the Principal
with name seal

15.05.2017

Date of publication of result

SECRETARYBoard of Higher Secondary Examination,
Government of Kerala

No, Q 440876



AAEJE13EIEA6637761238



GOVERNMENT OF KERALA
GENERAL EDUCATION DEPARTMENT
SECONDARY SCHOOL LEAVING CERTIFICATE

Register Number: 311828 Month & Year: MARCH 2015 No. of Chances: 1

This is to certify that the candidate herein has appeared for the SSLC Examination and secured the following grades

1. Name of Candidate : THASNI M. A.
2. Name in Regional Language : താസിമ ഹാജി
3. Name of School : H S CHENTRAPPINNI
4. Admission No. : 14581
5. Date of Birth (in figures) : 31/08/1999
(in words) : THIRTY FIRST AUGUST NINETEEN NINETY NINE
6. Sex : FEMALE
7. Religion & Caste : ISLAM, MAPPILA
8. Whether SC/ST/OEC/OBC/GL : OBC
9. Nationality : INDIAN
10. Place of Birth : KOORKANCHERY
11. Name of Mother : NASEENA ABDUL HAKEEM
12. Name of Father : ABDUL HAKEEM
13. Name of Guardian : ABDUL HAKEEM
14. Home Address : MAYINVEETIL, CHENTRAPPINNI,
CHENTRAPPINNI, 680687

Subject	Grade	Grade in words
First Language Paper - I (MALAYALAM)	A+	A PLUS
First Language Paper - II (MALAYALAM)	A+	A PLUS
English	B+	B PLUS
Hindi	A+	A PLUS
Social Science	A	A ONLY
Physics	A+	A PLUS
Chemistry	A+	A PLUS
Biology	A+	A PLUS
Mathematics	B+	B PLUS
Information Technology	A+	A PLUS

RANGE OF GRADES

A+ 90% and above : Outstanding	B 60% - 69% : Good	D+ 30% - 39% : Marginal
A 80% - 89% : Excellent	C+ 50% - 59% : Above Average	D 20% - 29% : Need Improvement
B+ 70% - 79% : Very Good	C 40% - 49% : Average	E Below 20% : Need Improvement

Eligibility for higher studies : Minimum D+ grade for each paper

ELIGIBLE FOR HIGHER STUDIES



15. Identification Marks

1. A BLACK MOLE ON THE RIGHT EYE LID

2. A BLACK MOLE ON THE FORE-HEAD

K. A. SHEEBA
HEADMISTRESS

Name & Signature of Headmistress
CHENTRAPPINNI HIGHER SECONDARY SCHOOL
CHENTRAPPINNI-680 687



Date of Publication of Result : 20/04/2015

M. I. SUKUMARAN
SECRETARY

Board of Public Examinations, Kerala