

State University of New York at Buffalo

*Upon the recommendation of the faculty of the State University
of New York at Buffalo, the Trustees of the State University of New York
have conferred on*

Ajeethra Balamurugan

the degree of

**Master of Science
Management Information Systems**

*with all the rights, privileges, honors, and responsibilities thereto appertaining,
and as evidence thereof have granted this diploma in Buffalo, New York on the
first day of June, in the year two thousand and twenty-three.*

Merryl H. Loch
Chairman of the Board of Trustees of the
State University of New York

[Signature]
Chairman of the Council of the
State University of New York at Buffalo



[Signature]
Chancellor,
State University of New York

Salih K. Tripathi
President of the State University
of New York at Buffalo

State University of New York at Buffalo

*Upon the recommendation of the faculty of the State University
of New York at Buffalo, the Trustees of the State University of New York
have conferred on*

Ajeethra Balamurugan

the Certificate of Advanced Study in

Cybersecurity

*with all the rights, privileges, honors, and responsibilities thereto appertaining,
and as evidence thereof have granted this certificate in Buffalo, New York on the
first day of June, in the year two thousand and twenty-three.*

Mervyn H. Lesh
Chairman of the Board of Trustees of the
State University of New York

[Signature]
Chairman of the Council of the
State University of New York at Buffalo



[Signature]
Chancellor,
State University of New York

Salih K. Tripathi
President of the State University
of New York at Buffalo

UNOFFICIAL University at Buffalo Transcript (GRAD)

Name: Balamurugan, Ajeethra
Student ID: 5047-9540

Date Issued: 06/03/2023

DEGREE INFORMATION

Degree: Master of Science
Status: Awarded
Confer Date: 06/01/2023
Degree GPA: 3.583
Major: Management Information Systems

Credential: Certificate of Advanced Study
Status: Awarded
Confer Date: 06/01/2023
Degree GPA: 3.600
Major: Cybersecurity

Beginning of GRADUATE Record**Fall 2022**

Program: Management Masters
Plan: Management Information Systems

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
MGQ 606LEC	Statistical Analytics	3.000	3.000	B	9.000
MGS 607LEC	Technology & Innovation	3.000	3.000	A	12.000
	Mgmt				
MGS 613LEC	Database Mgmt Systems	3.000	3.000	A	12.000
MGS 618SEM	Sp Topics in Info Systems	3.000	3.000	A-	11.001
	Course Topic: CRM Apps. Consulting Practices				
MGS 642LEC	IS Auditing	3.000	3.000	A	12.000
MGS 650LEC	Information Assurance	3.000	3.000	B+	9.999

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	3.667	Term Totals	18.000	18.000	18.000	66.000
Cum GPA	3.667	Cum Totals	18.000	18.000	18.000	66.000

Spr 2023

Program: Management Masters
Plan: Management Information Systems

Program: Management Adv Cert
Plan: Cybersecurity

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
MGG 503LEC	Introduction to Business	3.000	3.000	A	12.000
MGS 614LEC	Systems Analysis & Design	3.000	3.000	B+	9.999
MGS 616LEC	Predictive Analytics	3.000	3.000	B	9.000
MGS 618SEM	Sp Topics in Info Systems	3.000	3.000	A	12.000
	Course Topic: Cloud comp concepts for Mgrs				
MGS 639LEC	Cybersecurity, Privacy & Ethic	3.000	3.000	B	9.000
MGS 640LEC	IT Risk	3.000	3.000	A-	11.001
MGS 646SEM	MIS Project Guidance	1.000	1.000	S	0.000

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	3.500	Term Totals	19.000	19.000	18.000	63.000
Cum GPA	3.583	Cum Totals	37.000	37.000	36.000	129.000

Graduate Career Totals

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Cum GPA:	3.583	Cum Totals	37.000	37.000	36.000	129.000

End of Graduate Record



The Board of Management of the
Vellore Institute of Technology (VIT)
hereby makes known that

B A AJEETHRA

has been admitted to the degree of

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

*he / she having been certified by duly appointed
examiners to be qualified to receive the same with
the CGPA of*

7.71

at the examination held in

June-2021

Given under the seal of this university



R B Keddali

Vice - Chancellor

Chancellor

Dated: 02-Sep-2021

Vellore - 632 014, Tamil Nadu, India



Office of the Controller of Examinations

Transcript

SR00045429

Reg. No : 17BCE0206

Name : B A AJEETHRA

Programme & Branch : B.TECH. - COMPUTER SCIENCE AND ENGINEERING

Batch : 2017

Course Code	Course Title	Credits	Grade	Exam Held	Paper Type
CHY1002	ENVIRONMENTAL SCIENCES	3	B	Nov-17	Theory
CSE1001	PROBLEM SOLVING AND PROGRAMMING	3	S	Nov-17	Lab
EEE1001	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	3	C	Nov-17	TheoryLab
ENG1011	ENGLISH FOR ENGINEERS	2	B	Nov-17	Lab
MAT1011	CALCULUS FOR ENGINEERS	4	E	Nov-17	TheoryLab
PHY1701	ENGINEERING PHYSICS	4	D	Nov-17	TheoryLab
STS1001	INTRODUCTION TO SOFT SKILLS	1	B	Nov-17	Soft Skill
CHY1701	ENGINEERING CHEMISTRY	4	N	Apr-18	TheoryLab
CSE1002	PROBLEM SOLVING AND OBJECT ORIENTED PROGRAMMING	3	A	Apr-18	Lab
CSE1003	DIGITAL LOGIC AND DESIGN	4	C	Apr-18	TheoryLab
CSE2003	DATA STRUCTURES AND ALGORITHMS	4	D	Apr-18	TheoryLabProject
HUM1021	ETHICS AND VALUES	2	A	Apr-18	Theory
MAT1014	DISCRETE MATHEMATICS AND GRAPH THEORY	4	F	Apr-18	Theory
MAT2002	APPLICATIONS OF DIFFERENTIAL AND DIFFERENCE EQUATIONS	4	B	Apr-18	TheoryLab
STS1002	INTRODUCTION TO BUSINESS COMMUNICATION	1	C	Apr-18	Soft Skill
CSE2001	COMPUTER ARCHITECTURE AND ORGANIZATION	3	C	Nov-18	Theory
CSE2002	THEORY OF COMPUTATION AND COMPILER DESIGN	4	C	Nov-18	Theory
CSE2004	DATABASE MANAGEMENT SYSTEMS	4	B	Nov-18	TheoryLabProject
CSE2005	OPERATING SYSTEMS	4	B	Nov-18	TheoryLabProject
CSE4015	HUMAN COMPUTER INTERACTION	4	D	Nov-18	TheoryProject
MAT2001	STATISTICS FOR ENGINEERS	4	E	Nov-18	TheoryLab
STS2001	REASONING SKILL ENHANCEMENT	1	C	Nov-18	Soft Skill
CHY1701	ENGINEERING CHEMISTRY	4	C	Apr-19	TheoryLab
CSE1004	NETWORK AND COMMUNICATION	4	C	Apr-19	TheoryLab
CSE3001	SOFTWARE ENGINEERING	4	B	Apr-19	TheoryLabProject
CSE4004	DIGITAL FORENSICS	4	B	Apr-19	TheoryLab
CSE4019	IMAGE PROCESSING	4	N	Apr-19	TheoryProject
MAT3004	APPLIED LINEAR ALGEBRA	4	D	Apr-19	Theory
PHY1999	INTRODUCTION TO INNOVATIVE PROJECTS	2	A	Apr-19	TheoryProject
STS2002	INTRODUCTION TO ETIQUETTE	1	C	Apr-19	Soft Skill
MAT1014	DISCRETE MATHEMATICS AND GRAPH THEORY	4	A	May-19	Theory
CSE2006	MICROPROCESSOR AND INTERFACING	4	B	Nov-19	TheoryLabProject
CSE3002	INTERNET AND WEB PROGRAMMING	4	D	Nov-19	TheoryLabProject
CSE3009	INTERNET OF THINGS	4	D	Nov-19	TheoryProject
CSE4003	CYBER SECURITY	4	B	Nov-19	TheoryProject
MGT1022	LEAN START-UP MANAGEMENT	2	S	Nov-19	TheoryProject
STS3201	PROGRAMMING SKILLS FOR EMPLOYMENT	1	D	Nov-19	Soft Skill
CSE1011	CRYPTOGRAPHY FUNDAMENTALS	4	B	Apr-20	TheoryLabProject
CSE3020	DATA VISUALIZATION	4	E	Apr-20	TheoryLabProject
CSE4001	PARALLEL AND DISTRIBUTED COMPUTING	4	B	Apr-20	TheoryLabProject
CSE4019	IMAGE PROCESSING	4	C	Apr-20	TheoryProject
EXC1007	SPORTS FOR HEALTHY LIFE	2	P	Apr-20	ECA
HUM1036	ENGINEERING ECONOMICS AND DECISION ANALYSIS	3	B	Apr-20	TheoryProject
MGT1030	ENTREPRENEURSHIP DEVELOPMENT	4	B	Apr-20	TheoryProject
ONL1002	INTRODUCTION TO BIO-INSPIRED DESIGN	1	C	Apr-20	OC
ONL1016	MARKETING MANAGEMENT	4	A	Apr-20	OC
ONL1017	LEGAL ASPECTS OF BUSINESS	4	A	Apr-20	OC
ONL1018	KNOWLEDGE MANAGEMENT	4	S	Apr-20	OC





Office of the Controller of Examinations

SR00045429

Transcript

Reg. No : 17BCE0206		Name : B A AJEETHRA			
Programme & Branch : B.TECH. - COMPUTER SCIENCE AND ENGINEERING					Batch : 2017
Course Code	Course Title	Credits	Grade	Exam Held	Paper Type
STS3204	JAVA PROGRAMMING AND SOFTWARE ENGINEERING FUNDAMENTALS	1	D	Apr-20	Soft Skill
CSE1007	JAVA PROGRAMMING	4	B	Jan-21	TheoryLab
CSE3099	INDUSTRIAL INTERNSHIP	2	S	Jan-21	Project
CSE3999	TECHNICAL ANSWERS FOR REAL WORLD PROBLEMS (TARP)	3	A	Jan-21	TheoryProject
CSE4098	COMPREHENSIVE EXAMINATION	2	A	Jan-21	Project
ESP1001	ESPANOL FUNDAMENTAL	2	B	Jan-21	Theory
CSE4099	CAPSTONE PROJECT	20	A	Jun-21	Project

CGPA : 7.71

The medium of instruction is English.

Grading System :

A letter grade on ten point scale is awarded to a student in a course based on the total marks obtained from Continuous Assessment Tests and Final Assessment Test.

Letter Grade	S	A	B	C	D	E	F	N
Grade Point	10	9	8	7	6	5	0	0
F Grade	Failed in a Course							
N Grade	Absent / Debarred in Final Assessment Test/ Course Incomplete							
P Grade	Passed in a Pass / Fail Course							
U Grade	Successfully completed an Audit Course							

Grades S, A, B, C, D, E, P and U Indicates successful completion of the Course

CGPA Calculation:

CGPA is obtained by dividing the sum of product of Grade Point (GP_i) earned and Credits (C_i) of a registered course for 'n' number of courses by total number of credits registered.

$$\frac{\sum_{i=1}^n C_i \times GP_i}{\sum_{i=1}^n C_i}$$

Pass Course (P Grade), Audit Course (U Grade) are not counted for the calculation of GPA or CGPA.

Processed By :

Verified By :

DATE : 29-Jul-2022

Controller of Examinations





VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

PROVISIONAL CERTIFICATE

SR00045429

Register No. : **17BCE0206**

This is to certify that **B A AJEETHRA**

has qualified for the degree of **BACHELOR OF TECHNOLOGY**

he / she having passed the above Degree Examination held in **Jun-2021**

as follows :

Branch of study : **COMPUTER SCIENCE AND ENGINEERING**

Total Credits Registered : **180**

Total Credits Earned : **180**

Cumulative Grade Point Average (CGPA) : **7.71**

Processed By : 

Verified By : 

DATE : 29-Jul-2022



Controller of Examinations



CONSOLIDATED GRADE SHEET



VIT

Vellore Institute of Technology

(Chartered by the University Grants Commission of India, 1956)

Name of the Candidate: B A AJEETHRA

Programme & Branch: B. TECH. - COMPUTER SCIENCE AND ENGINEERING

SL No. 102318

Register No.: 17BCE0206

Admitted on: 2017

Course Code	Course Title	Course Type	Credits	Grade	Month & Year	Course Code	Course Title	Course Type	Credits	Grade	Month & Year
CHY1002	ENVIRONMENTAL SCIENCES	T	3	B	Nov-17	CSE4001	PARALLEL AND DISTRIBUTED COMPUTING	ETLP	4	B	Apr-20
CSE1001	PROBLEM SOLVING AND PROGRAMMING	L	3	S	Nov-17	CSE4019	IMAGE PROCESSING	ETP	4	C	Apr-20
EEE1001	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	ETL	3	C	Nov-17	EXC1007	SPORTS FOR HEALTHY LIFE	ECA	2	P	Apr-20
ENG1011	ENGLISH FOR ENGINEERS	L	2	B	Nov-17	HUM1036	ENGINEERING ECONOMICS AND DECISION ANALYSIS	ETP	3	B	Apr-20
MAT1011	CALCULUS FOR ENGINEERS	ETL	4	E	Nov-17	MGT1030	ENTREPRENEURSHIP DEVELOPMENT	ETP	4	B	Apr-20
PHY1701	ENGINEERING PHYSICS	ETL	4	D	Nov-17	ONL1002	INTRODUCTION TO BIO-INSPIRED DESIGN	OC	1	C	Apr-20
STS1001	INTRODUCTION TO SOFT SKILLS	SS	1	B	Nov-17	ONL1016	MARKETING MANAGEMENT	OC	4	A	Apr-20
CHY1701	ENGINEERING CHEMISTRY	ETL	4	N	Apr-18	ONL1017	LEGAL ASPECTS OF BUSINESS	OC	4	A	Apr-20
CSE1002	PROBLEM SOLVING AND OBJECT ORIENTED PROGRAMMING	L	3	A	Apr-18	ONL1018	KNOWLEDGE MANAGEMENT	OC	4	S	Apr-20
CSE1003	DIGITAL LOGIC AND DESIGN	ETL	4	C	Apr-18	STS3204	JAVA PROGRAMMING AND SOFTWARE ENGINEERING FUNDAMENTALS	SS	1	D	Apr-20
CSE2003	DATA STRUCTURES AND ALGORITHMS	ETLP	4	D	Apr-18	CSE1007	JAVA PROGRAMMING	ETL	4	B	Jan-21
HUM1021	ETHICS AND VALUES	T	2	A	Apr-18	CSE3099	INDUSTRIAL INTERNSHIP	PJT	2	S	Jan-21
MAT1014	DISCRETE MATHEMATICS AND GRAPH THEORY	T	4	F	Apr-18	CSE3999	TECHNICAL ANSWERS FOR REAL WORLD PROBLEMS (TARP)	ETP	3	A	Jan-21
MAT2002	APPLICATIONS OF DIFFERENTIAL AND DIFFERENCE EQUATIONS	ETL	4	B	Apr-18	CSE4098	COMPREHENSIVE EXAMINATION	PJT	2	A	Jan-21
STS1002	INTRODUCTION TO BUSINESS COMMUNICATION	SS	1	C	Apr-18	ESP1001	ESPAÑOL FUNDAMENTAL	T	2	B	Jan-21
CSE2001	COMPUTER ARCHITECTURE AND ORGANIZATION	T	3	C	Nov-18	CSE4099	CAPSTONE PROJECT	PJT	20	A	Jun-21
CSE2002	THEORY OF COMPUTATION AND COMPILER DESIGN	T	4	C	Nov-18	*** END OF STATEMENT ***					
CSE2004	DATABASE MANAGEMENT SYSTEMS	ETLP	4	B	Nov-18						
CSE2005	OPERATING SYSTEMS	ETLP	4	B	Nov-18						
CSE4015	HUMAN COMPUTER INTERACTION	ETP	4	D	Nov-18						
MAT2001	STATISTICS FOR ENGINEERS	ETL	4	E	Nov-18						
STS2001	REASONING SKILL ENHANCEMENT	SS	1	C	Nov-18						
CHY1701	ENGINEERING CHEMISTRY	ETL	4	C	Apr-19						
CSE1004	NETWORK AND COMMUNICATION	ETL	4	C	Apr-19						
CSE3001	SOFTWARE ENGINEERING	ETLP	4	B	Apr-19						
CSE4004	DIGITAL FORENSICS	ETL	4	B	Apr-19						
CSE4019	IMAGE PROCESSING	ETP	4	N	Apr-19						
MAT3004	APPLIED LINEAR ALGEBRA	T	4	D	Apr-19						
PHY1999	INTRODUCTION TO INNOVATIVE PROJECTS	ETP	2	A	Apr-19						
STS2002	INTRODUCTION TO ETIQUETTE	SS	1	C	Apr-19						
MAT1014	DISCRETE MATHEMATICS AND GRAPH THEORY	T	4	A	May-19						
CSE2006	MICROPROCESSOR AND INTERFACING	ETLP	4	B	Nov-19						
CSE3002	INTERNET AND WEB PROGRAMMING	ETLP	4	D	Nov-19						
CSE3009	INTERNET OF THINGS	ETP	4	D	Nov-19						
CSE4003	CYBER SECURITY	ETP	4	B	Nov-19						
MGT1022	LEAN START-UP MANAGEMENT	ETP	2	S	Nov-19						
STS3201	PROGRAMMING SKILLS FOR EMPLOYMENT	SS	1	D	Nov-19						
CSE1011	CRYPTOGRAPHY FUNDAMENTALS	ETLP	4	B	Apr-20						
CSE3020	DATA VISUALIZATION	ETLP	4	E	Apr-20						

Number of Credits Registered: 180

Number of Credits Earned: 180

Cumulative Grade Point Average (CGPA):

7.71



Date: 15-Jul-2021

Verified by

Controller of Examinations

Abbreviations :

Course Type	: T - Theory / L - Laboratory / PJT - Project / ECA - Extra Curricular Activity / SS - Soft Skill / ETL - Embedded Theory and Laboratory / ETP - Embedded Theory and Project / ELP - Embedded Laboratory and Project / ETLP - Embedded Theory, Laboratory and Project / OC - MOOC
GPA	: Grade Point Average
CGPA	: Cumulative Grade Point Average

Grading System :

A letter grade on ten point scale is awarded to a student in a course based on the total marks obtained from Continuous Assessment Tests and Final Assessment Test.

Letter Grade	S	A	B	C	D	E	F	N
Grade Point	10	9	8	7	6	5	0	0
F Grade	Failed in a Course							
N Grade	Absent / Debarred in Final Assessment Test / Course Incomplete							
P Grade	Passed in a Pass / Fail Course							
U Grade	Successfully completed an Audit Course							

Grades S, A, B, C, D, E, P and U Indicates successful completion of the Course

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CGPA is obtained by dividing the sum of product of Grade Point (GP_i) earned and Credits (C_i) of a registered course for 'n' number of courses by total number of credits registered.

$$\frac{\sum_{i=1}^n C_i \times GP_i}{\sum_{i=1}^n C_i}$$

Pass Course (P Grade) and Audit Course (U Grade) are not counted for the calculation of GPA or CGPA.

A minimum CGPA of 5.00 is required for the award of degree.