



PARCHMENT ID: 
 STUDENT NAME: Purushotham, Keerthana
 SOCIAL SECURITY NUMBER: ***-**-

IDENTIFICATION NUMBER: 
 DATE AND TIME PRINTED: 07/06/2022 13:25:23
 PAGE 1 OF 1

--DEGREES AWARDED BY OTHER INSTITUTIONS--

BE 09/20 College in India

STUDENT LEVEL : Graduate
 COLLEGE : Graduate Division
 DEPARTMENT(S) : Computer Science & Engineering
 MAJOR(S) : Computer Science

-----ACADEMIC EVENTS-----

MSTR'S ADVANCED TO CANDIDACY 04/15/22

-----COURSE INFORMATION-----

Winter Qtr 2021 Graduate

CSE	Course	Credits	Grade	Points
202	Algorithm Design and Analysis	4.00	A	16.00
221	Operating Systems	4.00	A	16.00
251A	ML: Learning Algorithms	4.00	B	12.00
259	Seminr/Artificial Intelligence	1.00	S	0.00
290	Sem/Computer Sci & Engineering	1.00	S	0.00
TERM CREDITS PASSED		14.00	TERM GPA CREDITS	12.00
TERM GRADE POINTS		44.00	TERM GPA	3.66

Spring Qtr 2021 Graduate

CSE	Course	Credits	Grade	Points
227	Computer Security	4.00	A-	14.80
291	Top/Computer Sci & Engineering	4.00	A	16.00
500	Teaching Assistantship	4.00	S	0.00
599	Teaching Methods/Computer Sci	2.00	S	0.00
TERM CREDITS PASSED		14.00	TERM GPA CREDITS	8.00
TERM GRADE POINTS		30.80	TERM GPA	3.85

SpecSumSes 2021 Graduate

CSE	Course	Credits	Grade	Points
298	Independent Study	1.00	S	0.00
TERM CREDITS PASSED		1.00	TERM GPA CREDITS	0.00
TERM GRADE POINTS		0.00	TERM GPA	0.00

Fall Qtr 2021 Graduate

CSE	Course	Credits	Grade	Points
250A	Probabilistic Reason&Learning	4.00	A	16.00
258	Recommender Sys&Web Mining	4.00	A-	14.80
500	Teaching Assistantship	4.00	S	0.00
TERM CREDITS PASSED		12.00	TERM GPA CREDITS	8.00
TERM GRADE POINTS		30.80	TERM GPA	3.85

Winter Qtr 2022 Graduate

CSE	Course	Credits	Grade	Points
291	Top/Computer Sci & Engineering	4.00	A	16.00
293	Spec Proj/Computer Sci & Engin	4.00	S	0.00
500	Teaching Assistantship	4.00	S	0.00
TERM CREDITS PASSED		12.00	TERM GPA CREDITS	4.00
TERM GRADE POINTS		16.00	TERM GPA	4.00

Spring Qtr 2022 Graduate

CSE	Course	Credits	Grade	Points
293	Spec Proj/Computer Sci & Engin	4.00	S	0.00
500	Teaching Assistantship	4.00	S	0.00
291	Topics in Data Science	4.00	A	16.00
TERM CREDITS PASSED		12.00	TERM GPA CREDITS	4.00
TERM GRADE POINTS		16.00	TERM GPA	4.00

-----SUMMARY-----

GRADE OPTION	UC-CRDTS ATTM	UC-CRDTS COMPL	CRDTS PSSD	UC-GPA CRDTS	UC-GRADE POINTS	UC-GPA
Letter	36.00	36.00	36.00	36.00	137.60	3.822
S/U	29.00	29.00	29.00	0.00	0.00	0.000
TOTAL	65.00	65.00	65.00	36.00	137.60	3.822

-----End of Student Level-----

-----End of Transcript-----

This official university transcript is certified to be a correct transcript of record. Student in good standing unless otherwise indicated.

Transcript void if altered.


 Cindy Lyons
 University Registrar
 Enrollment Management



TRANSCRIPT

Name : KEERTHANA PURUSHOTHAM					Duration of the Program : 4 Years									
University Registration Number : 1MS16CS145					Year of Entrance : 2016									
Medium of instruction : English					Year of Completion : 2020									
Program : Bachelor of Engineering(B.E) in Computer Science and Engineering														
Total Credits Required To Be Earned For The Award Of Bachelor of Engineering: 200														
Sl.No.	Subject Code	Subject Title	Credits	Grade Awarded	Grade Points	Sl.No.	Subject Code	Subject Title	Credits	Grade Awarded	Grade Points			
Semester I						Semester V								
1	AL101	Engineering Design	2	S+	20	1	CS51	Operating Systems	4	S	36			
2	CHY101	Engineering Chemistry	4	S	36	2	CS52	Database Systems	4	S	36			
3	CHYL101	Engineering Chemistry Lab	1	S	9	3	CS53	Computer Networks	4	S	36			
4	EC101	Basic Electronics	4	B	28	4	CS54	Java Programming	4	S	36			
5	HSS101	Constitution Of India And Professional Ethics	2	S+	20	5	CS55	Intellectual Property Rights	2	S	18			
6	HSS102	Environmental Studies	2	A	16	6	CSE02	Artificial Intelligence	4	S	36			
7	MAT101	Engineering Mathematics-i	4	S	36	7	CSL57	Java Programming Laboratory	1	A	8			
8	ME101	Elements Of Mechanical Engineering	4	S	36	8	CSL58	Database Systems Laboratory	1	S+	10			
9	MEL103	Workshop Practice	2	S	18	9	CSL59	Computer Networks Laboratory	1	S+	10			
10	HSS104(K)	Kannada	0	Pass	0	Month/Year of Exam: Jan 2019								
Month/Year of Exam: Jan 2017			SGPA: 8.76		No of Attempts to clear Semester: #1	Semester Total Credits: 25			SGPA: 9.04		No of Attempts to clear Semester: #1			
Semester Total Credits: 25			CGPA: 8.76			Cumulative Total Credits: 125			CGPA: 8.6					
Cumulative Total Credits: 25						Semester VI								
1	CS201	Fundamentals Of Computing	3	S	27	1	CS61	Compiler Design	4	B	28			
2	CSL201	Fundamentals Of Computing Lab	1	S+	10	2	CS62	Software Engineering	4	S	36			
3	CV201	Basic Civil Engineering And Mechanics	4	S	36	3	CS63	Unix System Programming And Web Technologies	4	S	36			
4	EE201	Basic Electrical Engineering	4	A	32	4	CS64	Mini Project-themes, Software Development For Portable Device/rich Internet Applications/embedded Systems	6	S+	60			
5	HSS203	Professional Communication	2	S	18	5	CSE11	Machine Learning	4	B	28			
6	MAT201	Engineering Mathematics-ii	4	A	32	6	CSL66	Unix System Programming & Compiler Design Laboratory	1	S	9			
7	ME202	Computer Aided Engineering Drawing	2	S+	20	7	CSL67	Iot / Embedded Systems Laboratory	1	S+	10			
8	PHY201	Engineering Physics	4	A	32	8	CSL68	Web Technologies Laboratory	1	S+	10			
9	PHYL201	Engineering Physics Lab	1	S	9	Month/Year of Exam: Jun 2019								
Month/Year of Exam: Jun 2017			SGPA: 8.64		No of Attempts to clear Semester: #1	Semester Total Credits: 25			SGPA: 8.68		No of Attempts to clear Semester: #1			
Semester Total Credits: 25			CGPA: 8.7			Cumulative Total Credits: 150			CGPA: 8.61					
Cumulative Total Credits: 50						Semester VII								
1	CS31	Engineering Mathematics-iii	4	B	28	1	CS71	Computer Network Security	4	A	32			
2	CS32	Data Structures	4	A	32	2	CS72	High Performance Computing	4	S+	40			
3	CS33	Discrete Mathematical Structures	4	B	28	3	CS73	Data Analytics	4	S	36			
4	CS34	Theory Of Computation	4	B	28	4	CSE14	Cloud Computing	4	S+	40			
5	CS35	Analog And Digital Design	4	A	32	5	CSE23	Introduction To Deep Learning	4	S	36			
6	CS36	Object Oriented Programming With C++	3	B	21	6	CSE24	Project Management & Engineering Economics	4	A	32			
7	CSL37	Object Oriented Programming Laboratory	1	S	9	7	CSL74	High Performance Computing Laboratory	1	S+	10			
8	CSL38	Data Structures Laboratory	1	B	7	8	CSL75	Data Analytics Laboratory	1	S+	10			
Month/Year of Exam: Jan 2018			SGPA: 7.4		No of Attempts to clear Semester: #1	Month/Year of Exam: Jan 2020			SGPA: 9.07		No of Attempts to clear Semester: #1			
Semester Total Credits: 25			CGPA: 8.26			Semester Total Credits: 26			CGPA: 8.68					
Cumulative Total Credits: 75						Cumulative Total Credits: 176			CGPA: 8.68					
Cumulative Total Credits: 75						Semester VIII								
1	CS41	Engineering Mathematics-iv	4	S+	40	1	CSIN	Internship	4	S+	40			
2	CS42	Design And Analysis Of Algorithms	4	S	36	2	CSP	Project Work	14	S+	140			
3	CS43	Microprocessors And Microcontrollers	4	S	36	3	CVOE01	Air Pollution & Control	4	A	32			
4	CS44	Data Communication	4	S	36	4	EAC	Extra Curricular And Co-curricular Activities	2	S+	20			
5	CS45	Computer Organization	4	S	36	Month/Year of Exam: Aug 2020								
6	CS46-1	Unix And Python Scripting	3	S	27	Semester Total Credits: 24			SGPA: 9.66		No of Attempts to clear Semester: #1			
7	CSL47	Algorithms Laboratory	1	A	8	Cumulative Total Credits: 200			CGPA: 8.8					
8	CSL48	Microprocessor Laboratory	1	S+	10	TOTAL CREDITS EARNED AS ON DATE: 200								
Month/Year of Exam: Jun 2018			SGPA: 9.16		No of Attempts to clear Semester: #1	CREDITS LEFT: 0								
Semester Total Credits: 25			CGPA: 8.49			MSRIT adopts a 10 points grading system as per the following details								
Cumulative Total Credits: 100						Level	Outstanding	Outstanding	Excellent	Very Good	Good	Average	Poor	Fail
						Grade	S+	S	A	B	C	D	E	F
						Grade Points	10	9	8	7	6	5	4	0
						SGPA: Semester Grade Points Average				CGPA: Cumulative Grade Points Average				

G.S. Ruckh

MSRIT

Date of Issue : 02-11-2020

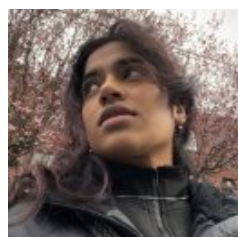
Controller of Examinations

Principal

M S RAMAIAH INSTITUTE OF TECHNOLOGY

[Autonomous Institute, Affiliated to VTU], [Approved by AICTE, New Delhi & Govt. of Karnataka],

Accredited by NAAC with 'A' Grade & Program Accredited by NBA



Keerthana Purushotham

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Software Developer at Amazon Linux,
AWS

Computer Security
Operating Systems

Linux

Vulnerability Detection

	All	Since 2020
Citations	49	49
h-index	2	2
i10-index	1	1


TITLE	CITED BY	YEAR
Cloud Storage Security Risks, Practices and Measures: A Review A Syed, K Purushotham, G Shidaganti 2020 IEEE International Conference for Innovation in Technology (INOCON), 1-4	40	2020
An Approach to Image Denoising Using Autoencoders and Spatial Filters for Gaussian Noise AP Patil, A Pramod, A Harish, K Singh, K Purushotham 2021 11th International Conference on Cloud Computing, Data Science ...	7	2021
Optimized Web-Crawling of Conversational Data from Social Media and Context-Based Filtering AP Patil, R Subramanian, G Karkal, K Purushotham, J Wadhwa, ... Proceedings of the Workshop on Joint NLP Modelling for Conversational AI ...	2	2020
A Survey of Adaptive Compiler Optimization Heuristics A Syed, A Harish, SAA Keerthana Purushotham		
Data Mining In Distributed Environment SS Rane, P Kumar, N Tiwari, K Purushotham		


app.codesignal.com/assessments/past-results

CodeSignal

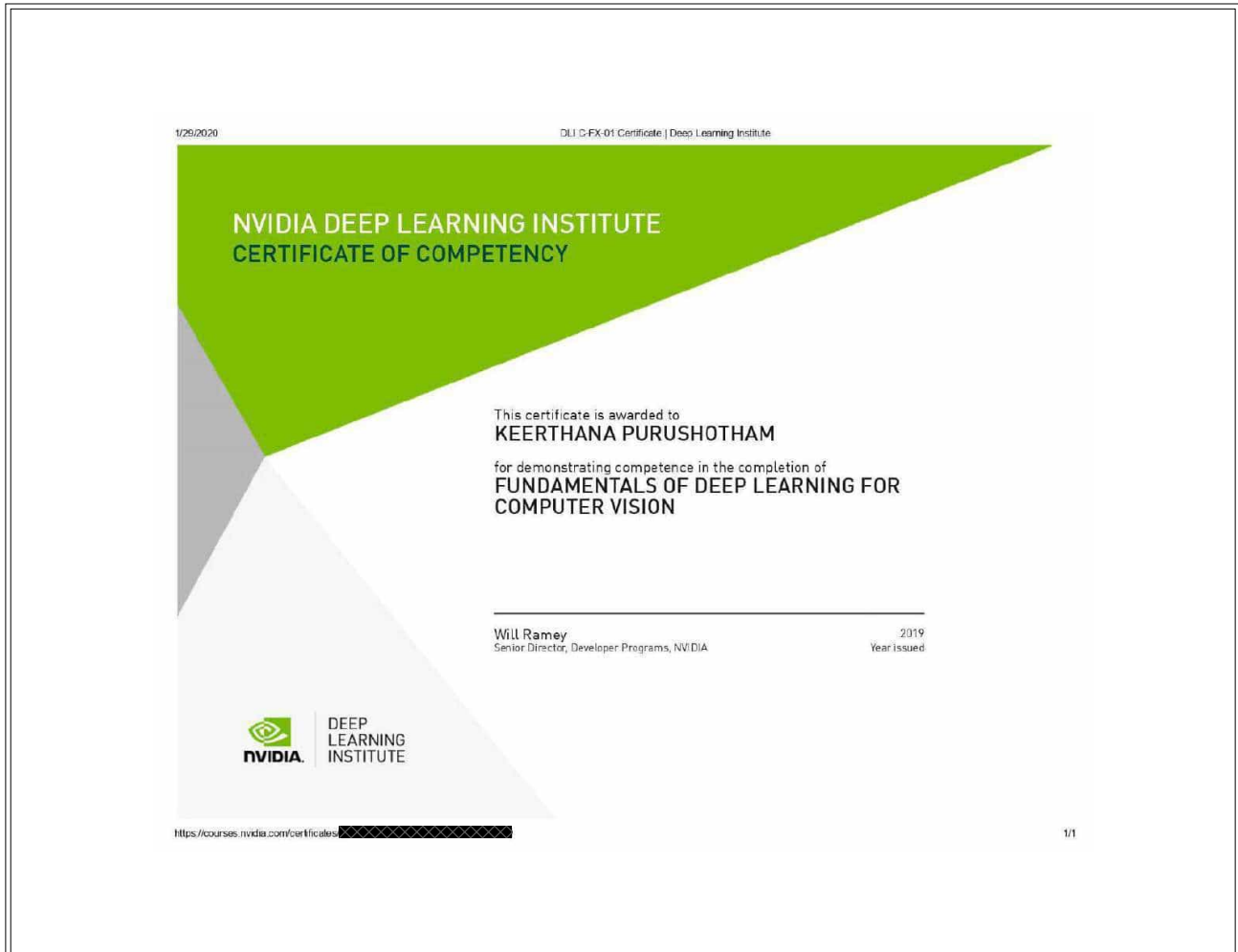
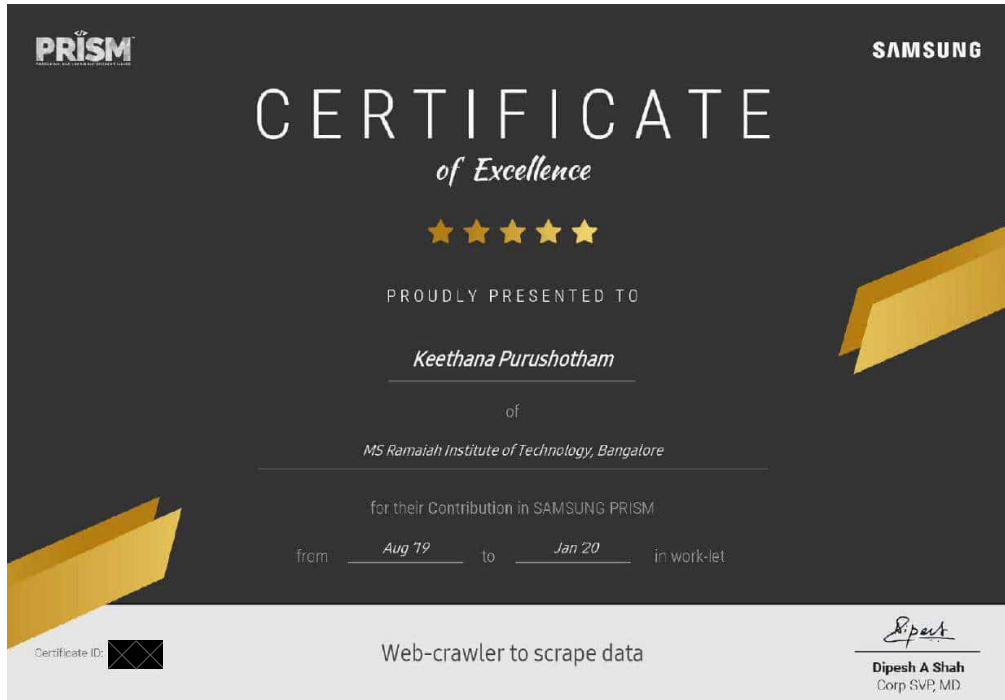
Past Results

RESULTS PENDING INACTIVE

Evaluation	Company	Proctored	Next Attempt	Completed On	Score
General Coding Assessment General Coding Assessment		Yes	Ready	May 13, 2022	534

**keerthana_n9s**
SETTINGS
SIGN OUT







RAMAIAH
Institute of Technology

Department of Computer Science & Engineering

Certificate of Completion

for the subject

PROGRAMMING IoT WITH RASBERRY PI

as a part of four weeks Vocational Training Program conducted during June-July 2017
is Awarded to

KEERTHANA PURUSHOTHAM

Grade received : **A**



Akanavalli

Dr. Anita Kanavalli
Professor & Head
Department of CSE

N.V.R Naidu

Dr. N.V.R Naidu
Principal

RAMAIAH INSTITUTE OF TECHNOLOGY
(Autonomous Institute, Affiliated to VTU)



March 2019

Certificate of Completion

This certifies that

KEERTHANA PURUSHOTHAM

of Ramaiah Institute of Technology (RIT), Bangalore has successfully completed the training course on

"Container Technology"

during term **October 2018 to February 2019** and is awarded with this certificate.

Praveen K R

Praveen K R
Business Leader, University Relationship
Program



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
KEERTHANA PURUSHOTHAM
for successfully completing the course
Data Science for Engineers

with a consolidated score of **60** %

Online Assignments	21.83/25	Proctored Exam	37.88/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 1263

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS60511120738

To validate and check scores: <https://nptel.ac.in/noc>



TEST TAKER SCORE REPORT

Note: This report is not valid for transmission of scores to an institution.

Keerthana Purushotham

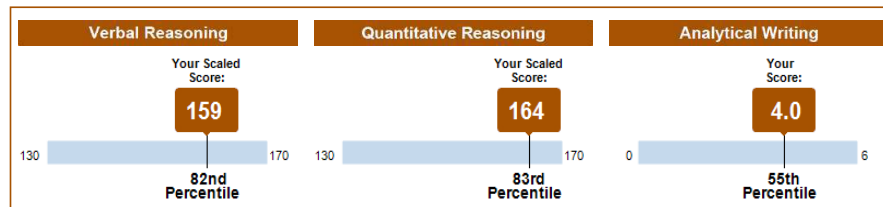
Most Recent Test Date: October 14, 2019

Address: [REDACTED]

Registration Number: [REDACTED]
Print Date: August 25, 2020

Email: keertnur@mail.com
Phone: [REDACTED]
Date of Birth: [REDACTED]
Social Security Number (Last Four Digits): [REDACTED]
Gender: Female
Intended Graduate Major: Computer Science (0402)

Your Scores for the General Test Taken on October 14, 2019



Your Test Score History

General Test Scores

Test Date	Verbal Reasoning		Quantitative Reasoning		Analytical Writing	
	Scaled Score	Percentile	Scaled Score	Percentile	Score	Percentile
October 14, 2019	159	82	164	83	4.0	55
August 29, 2019	155	67	160	72	3.5	38

Name: Purushotham, Keerthana
Last (Family/Surname) Name, First (Given) Name Middle Name
Email: keerthupuru@gmail.com
Gender: F
Date of Birth: [REDACTED]
Appointment Number: [REDACTED]
Test Date: September 07, 2019



Purushotham, Keerthana

[REDACTED]
[REDACTED]
[REDACTED]
anga ore, - arnata a [REDACTED]
India

Country of Birth: India
Native Language: Tamil
Test Center: STN15484A - Kalvi Institute Private Ltd - Bangalore
Test Center Country: India

Inst. Code	Dept. Code
5248	78
1631	78
1836	78
4836	78

Security Identification

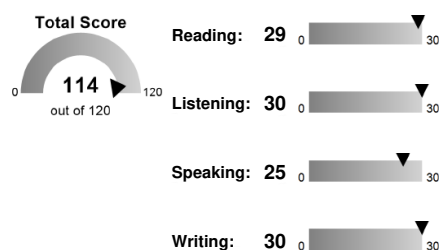
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ID No.: xxxxxxxxxxxxxxxxxxxxxx [REDACTED]

Issuing Country: India

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September 07, 2019 Test Date Scores



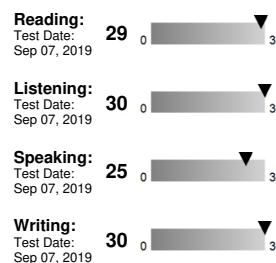
MyBest™ Scores

Your highest section scores from all valid test dates, as of September 12, 2019.

Sum of Highest Section Scores

114

out of 120



A total score is not provided unless all four sections have achieved a sub-score of 25.

ISSN (Online): 2581-5792



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SJIF Impact Factor: 4.308

Certificate

It is here by certified that the manuscript entitled

A Survey of Compiler Optimization Techniques

by

Keerthana Purushotham

has been published in

Volume-2, Issue-5, May-2019

in

International Journal of Research in
Engineering, Science and Management

Editor-in-Chief (IJRESM)

All the best for your future endeavors