

Keerthana Purushotham

[+1 858-203-8957 \[PST \]](tel:+18582038957) | [Linkedin](#) | [AUDIO SUMMARY 7m10s](#)
[Papers & Citations](#) | [IEEE Member](#) | [UCSD Alumni](#)

To,
The Recruiting Manager,
Subject: Cover Letter

To,
The Recruiting Manager,
Subject: Cover Letter

Hello,

I am excited to apply at your esteemed organization, where my expertise in AI-driven security, cloud infrastructure, and large-scale automation aligns with your team's mission. At AWS, I have managed 1,300+ Linux CVEs, led AI-powered security automation, and built privacy-enhanced cloud security solutions, directly contributing to infrastructure security and risk mitigation at scale. I thrive in environments that challenge me to think deeply, adapt quickly, and bridge disciplines to create innovative solutions.

→ Why I Am a Strong Fit for This Role—

- 1. Cloud & Infrastructure Security: Experience deploying AI models on AWS Lambda, API Gateway, S3, and building real-time security monitoring with CloudWatch.
- 2. Security & Vulnerability Management: Specialized in Linux security, threat detection, and FIPS-compliant vulnerability patching for Amazon Linux.
- 3. AI & ML-Driven Security: Designed AI-based CVE impact analysis algorithms, developed ML-powered automation, and published peer-reviewed research in AI, ML, and NLP (39 citations, IEEE & ACL).
- 4. Strong Theoretical & Practical Foundation: Expertise in graph algorithms, deep learning, and statistical modeling, with hands-on work in Python (TensorFlow, PyTorch), Rust (for AI applications), and SQL.

→ Why This Role Aligns With My Goals—

- I tackle engineering challenges with the same curiosity that drives my pursuits. Debate, coding, and quizzing sharpen my pattern recognition, while art, sports, and music refine adaptability and structure-key to scalable AI and security automation. This interdisciplinary mindset fuels innovative problem-solving in complex systems.
- I am deeply passionate about scalable, ethical, and high-impact AI-driven solutions and believe my applied research, software engineering, and security expertise make me an ideal fit for this role. Products thrive on curiosity, interdisciplinary thinking, and a willingness to challenge the status quo-values that I have embraced throughout my career and personal pursuits.

I would love the opportunity to discuss how my skills can contribute to your Company's technical initiatives. Please let me know a convenient time to connect.

Best regards,
Keerthana Purushotham

keerthanap0808@gmail.com | [+1 858-203-8957 \[PST \]](tel:+18582038957)
[LinkedIn](#) | [Google Scholar](#)



Keerthana Purushotham

Software Developer at Amazon Linux, AWS

Computer Security
Operating Systems
Linux
Vulnerability Detection

	All	Since 2020
Citations	41	41
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	32	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		

Monday, April 7, 2025 at 14:35:36 Pacific Daylight Time

Subject: FW: [EXTERNAL] H-1B Cap E-Registration - Your H-1B Cap Lottery Results - Congratulations-
Purushotham, Keerthana [KBGRSA37193-3]
Date: Thursday, April 3, 2025 at 3:21:38 PM Pacific Daylight Time
From: Purushotham, Keerthana
To: keerthanap0808@gmail.com

From: "Amazon (INSZoom)" <messenger@inszoom.net>
Reply-To: H-1B Cap Intake <capintake@amazon.com>
Date: Saturday, March 29, 2025 at 3:18 PM
To: "Purushotham, Keerthana" <keepur@amazon.com>
Cc: "messenger@inszoom.com" <messenger@inszoom.com>
Subject: [EXTERNAL] H-1B Cap E-Registration - Your H-1B Cap Lottery Results -
Congratulations- Purushotham, Keerthana [KBGRSA37193-3]

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you can confirm the sender and know the content is safe.

Hello Keerthana,

Congratulations!

USCIS selected your case in the H-1B cap lottery. We are excited for you and know you are eager to have your H-1B petition filed.

What will happen next?
In the coming weeks, your designated immigration partner, Amazon, [Fragomen](#), or [BAL](#), will:

- Contact you within 1-2 weeks
- Ask you to complete an intake questionnaire and document checklist for H-1B petition filing, which differs from the e-reg questionnaire.
- Prepare and file your H-1B petition with USCIS within the 90-day filing window.
- Notify you once your petition is filed.
- Provide you with updates as your petition moves through adjudication to final decision.
- Inform you of any actions you need to take regarding your dependents.

Please monitor your email and promptly respond to any requests from the immigration partner. If you do not hear from them within 2 weeks, please contact us via the "Where can I learn more" section.



8/11/2022

Keerthana Purushotham
1 Miramar St #929084
OMS
La Jolla, California 92092
United States

Dear Keerthana:

On behalf of Amazon.com Services LLC (the "Company"), I am very pleased to offer you the position of Software Development Engineer, Amazon Linux. This letter clarifies and confirms the terms of your employment with the Company.

Start Date and Salary

Unless we mutually agree otherwise in writing, you will commence employment on September 6, 2022 ("Start Date"). Your salary will be \$140,000.00 annualized, payable in accordance with the Company's standard payroll practice and subject to applicable withholding taxes. Because your position is exempt from overtime pay, your salary will compensate you for all hours worked. You will receive your full salary in any workweek that you perform work subject to limited deductions permitted by law as applicable to your status as a salaried exempt employee. You will be eligible for a performance assessment and compensation adjustment in calendar year 2024. Ordinarily this process occurs each April.

Signing Payment

In appreciation of your decision to join us, you will be eligible for a sign-on payment of \$31,000.00. This sign-on payment will be issued in prorated pay period installments as you complete your first year of employment with the Company. Each installment will be earned at the time of payment. If your employment with the Company is terminated for any reason prior to the first anniversary of your Start Date, you will receive one final prorated installment based on the days worked in your final pay period. No additional installments will be paid.

If you are employed with the Company after the one-year anniversary of your Start Date, you will be eligible for a second sign-on payment of \$26,000.00. This sign-on payment will be issued in prorated pay period installments as you complete your second year of employment with the Company. Each installment will be earned at the time of payment. If your employment with the Company is terminated for any reason prior to the second anniversary of your Start Date, you

ACCEPTANCE

I accept employment with Amazon.com Services LLC under the terms set forth in this letter.

8/15/2022

Signature

Date

Keerthana Purushotham

THE REGENTS OF THE

University of California

ON THE NOMINATION OF THE
GRADUATE COUNCIL, SAN DIEGO DIVISION
HAVE CONFERRED UPON

KEERTHANA PURUSHOTHAM

THE DEGREE OF MASTER OF SCIENCE
IN COMPUTER SCIENCE

WITH ALL THE RIGHTS AND PRIVILEGES THERETO PERTAINING

GIVEN AT SAN DIEGO

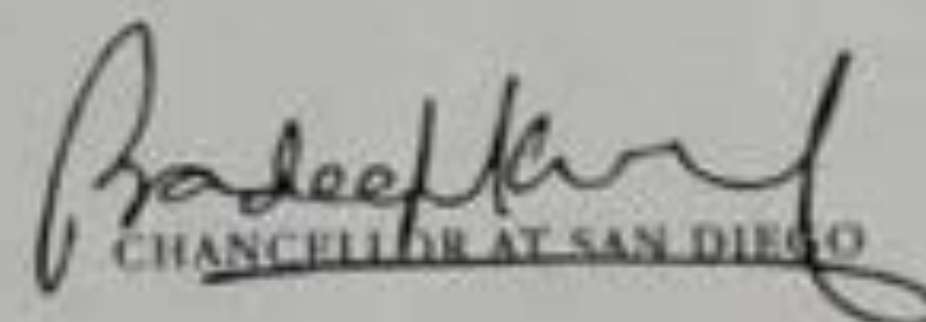
THIS TENTH DAY OF JUNE IN THE YEAR
TWO THOUSAND AND TWENTY-TWO



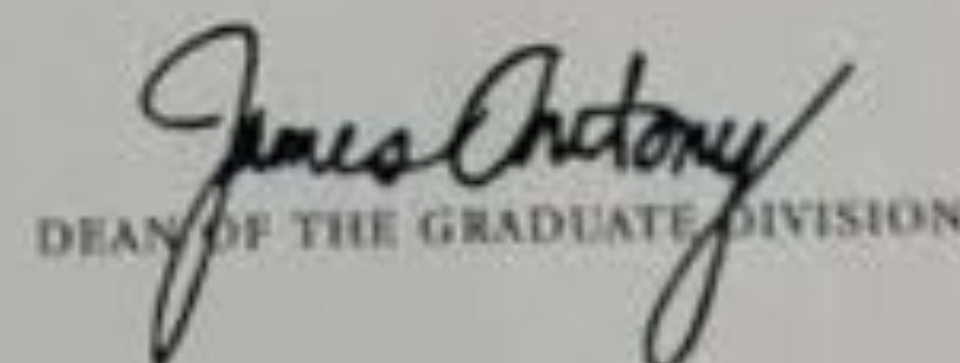
GOVERNOR OF CALIFORNIA AND
PRESIDENT OF THE REGENTS



PRESIDENT OF THE UNIVERSITY




CHANCELLOR AT SAN DIEGO



DEAN OF THE GRADUATE DIVISION

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	202	Algorithm Design and Analysis	4.00	A	16.00
CSE	221	Operating Systems	4.00	A	16.00
CSE	251A	ML: Learning Algorithms	4.00	B	12.00
CSE	259	Seminr/Artificial Intelligence	1.00	S	0.00
CSE	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	227	Computer Security	4.00	A-	14.80
CSE	291	Top/Computer Sci & Engineering	4.00	A	16.00
CSE	500	Teaching Assistantship	4.00	S	0.00
CSE	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	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	250A	Probabilistic Reason&Learning	4.00	A	16.00
CSE	258	Recommender Sys&Web Mining	4.00	A-	14.80
CSE	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	291	Top/Computer Sci & Engineering	4.00	A	16.00
CSE	293	Spec Proj/Computer Sci & Engin	4.00	S	0.00
CSE	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	293	Spec Proj/Computer Sci & Engin	4.00	S	0.00
CSE	500	Teaching Assistantship	4.00	S	0.00
DSC	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 ATTN	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



UNIVERSITY OF CALIFORNIA SAN DIEGO

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

GRADUATE DIVISION
TEL: (858) 534-3554
FAX: (858) 534-4304

9500 GILMAN DRIVE # 0003
LA JOLLA, CALIFORNIA 92093-0003
EMAIL: GRADADMISSIONS@UCSD.EDU
URL: GRAD.UCS.D.EDU

James Antony

Dean of the Graduate Division
University of California San Diego
Graduate Division, UC San Diego
9500 Gilman Drive
La Jolla, CA 92093-0003
Phone: (858) 534 - 3554
Fax: (858) 534 - 4304

gradadmissions@ucsd.edu | grad.ucsd.edu | gradapply.ucsd.edu

"Graduate education that transforms, enriches, and inspires"

Dear Keerthana,

Congratulations! I am pleased to inform you that you have been admitted as a graduate student for 2021 Winter to the Master of Science program in Computer Science and Engineering at the University of California San Diego. As a leading institution for graduate studies, UC San Diego strives to attract and retain the best and the brightest graduate students from across the country and around the world. You have been selected from an elite group of applicants and it is our sincere hope that you will elect to join our campus community.

All admitted candidates are asked to accept, defer, or decline our offer of admission by [completing this decision reply form](#). On the form, please select your decision and click on the “Submit” button. Decision deadlines may vary depending on your admission date. Please be sure to read the deadline information that is included on the form.

Your admission is provisional, contingent on the receipt of required official documents and information. The "Pending Admissions Documents" section of your applicant portal lists the official documents needed by the Graduate Division to finalize your admission and must be submitted if you choose to accept your admission offer.

Please also review the information on the admitted student checklist (<http://grad.ucsd.edu/admissions/admitted-students/do-immediately.html>) and complete each step. Some of the required forms on the checklist must be completed on the “Forms” section of your portal.

If you have questions about your admission, you may contact the program to which you applied directly. Program contact information can be found at <https://apply.grad.ucsd.edu/departments>.

Once again, my sincere congratulations on your admission. I hope I will have the pleasure of welcoming you to UC San Diego.

Sincerely,

A handwritten signature in cursive script that reads "James Antony".

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA



Certifies that
KEERTHANA PURUSHOTHAM

ಬ್ಯಾಚಲರ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್
ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನು ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ.

has been duly admitted to the Degree of
Bachelor of Engineering
in recognition of the fulfilment of requirements
for the said degree through



ವಿದ್ಯಾಲಯದ ಹೆಸರು
Name of the College

: **M.S.Ramaiah Institute of Technology, Bangalore
(Autonomous College)**

ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ
University Seat Number

: **~~1MS16CS145~~**

ವಿಷಯ / Subject

: **Computer Science & Engineering**

ಶ್ರೇಣಿ

: **First Class with Distinction**

Class

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ಕೊಡಲ್ಪಟ್ಟಿದೆ
Given under the seal of the University

ಬೆಳಗಾವಿ
Belagavi

ದಿನಾಂಕ

Date : **April 03, 2021**

ಕುಲಪತಿ
VICE CHANCELLOR

TRANSCRIPT

Name : KEERTHANA PURUSHOTHAM						Duration of the Program : 4 Years								
University Registration Number : [REDACTED]						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 Semester Total Credits: 25 Cumulative Total Credits: 125 SGPA: 9.04 CGPA: 8.6 No of Attempts to clear Semester: #1								
Month/Year of Exam: Jan 2017 Semester Total Credits: 25 Cumulative Total Credits: 25 SGPA: 8.76 CGPA: 8.76 No of Attempts to clear Semester: #1														
Semester II														
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/inch 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	CSL46	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 Semester Total Credits: 25 Cumulative Total Credits: 150 SGPA: 8.68 CGPA: 8.61 No of Attempts to clear Semester: #1								
Month/Year of Exam: Jun 2017 Semester Total Credits: 25 Cumulative Total Credits: 50 SGPA: 8.64 CGPA: 8.7 No of Attempts to clear Semester: #1														
Semester III														
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 Semester Total Credits: 25 Cumulative Total Credits: 75 SGPA: 7.4 CGPA: 8.26 No of Attempts to clear Semester: #1						Month/Year of Exam: Jan 2020 Semester Total Credits: 26 Cumulative Total Credits: 176 SGPA: 9.07 CGPA: 8.68 No of Attempts to clear Semester: #1								
Semester IV														
1	CS41	Engineering Mathematics-IV	4	S+	40							1	CS81	Internship
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	CV0E01	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 Semester Total Credits: 24 Cumulative Total Credits: 200 SGPA: 9.66 CGPA: 8.8 No of Attempts to clear Semester: #1								
6	CS46-1	Unix And Python Scripting	3	S	27									
7	CSL47	Algorithms Laboratory	1	A	8									
8	CSL48	Microprocessor Laboratory	1	S+	10	TOTAL CREDITS EARNED AS ON DATE: 200 CREDITS LEFT: 0 MSRIT adopts a 10 points grading system as per the following details								
Month/Year of Exam: Jun 2018 Semester Total Credits: 25 Cumulative Total Credits: 100 SGPA: 9.16 CGPA: 8.49 No of Attempts to clear Semester: #1														
Semester V														
						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. Prakash

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

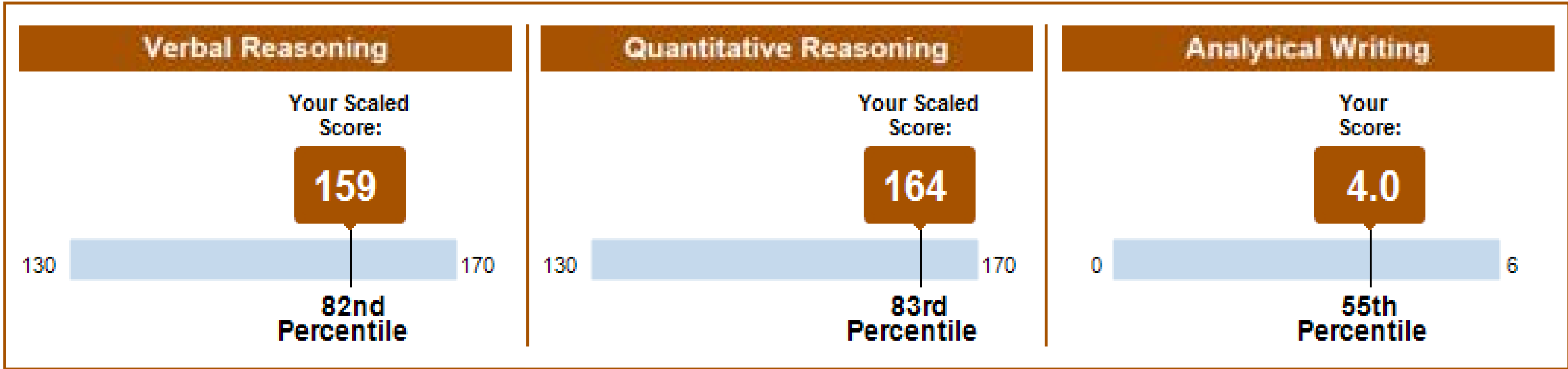
Most Recent Test Date: October 14, 2019

Address: #18, 2 'B' Cross, Gundappa Reddy, Lyt, Cholanagar, R.T. Nagar Post, Bangalore, Karnataka, 560032 India

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

Email: keerthupuru@gmail.com
Phone: 91-9620836901
Date of Birth: [REDACTED]
Social Security Number (Last Four Digits):
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

Subject Test Scores

You do not have reportable test scores at this time.

Your Score Recipient(s)

Undergraduate Institution

Report Date	Institution (Code)	Department (Code)	Test Title	Test Date
-------------	--------------------	-------------------	------------	-----------

Name: Purushotham, Keerthana
Last (Family/Surname) Name, First (Given) Name Middle Name

Email: keerthupuru@gmail.com

Gender: F

Appointment Number: [REDACTED]

Date of Birth: [REDACTED]

Test Date: September 07, 2019



Purushotham, Keerthana
#18, 2 'B' Cross, Gundappa Reddy
Lyt, Cholanagar, R.T. Nagar Post
Bangalore, Karnataka 560032
India

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

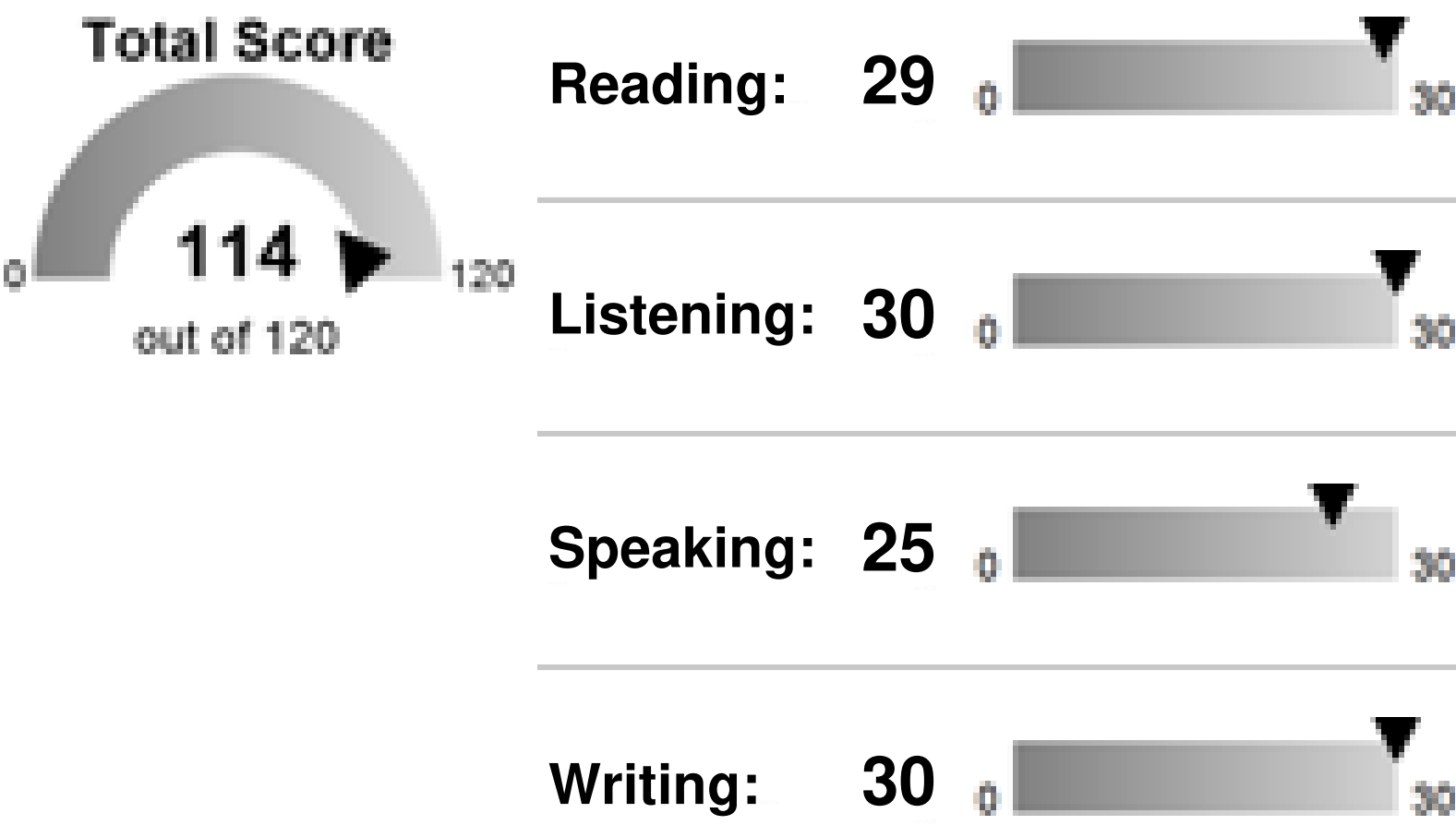
Country of Birth: India
Native Language: Tamil
Test Center: [REDACTED] Kalvi Institute Private Ltd - Bangalore
Test Center Country: India

Security Identification

ID Type: [REDACTED] ID No.: xxxxxxxxxxxxxxxxxxxxxx [REDACTED] Issuing Country: India

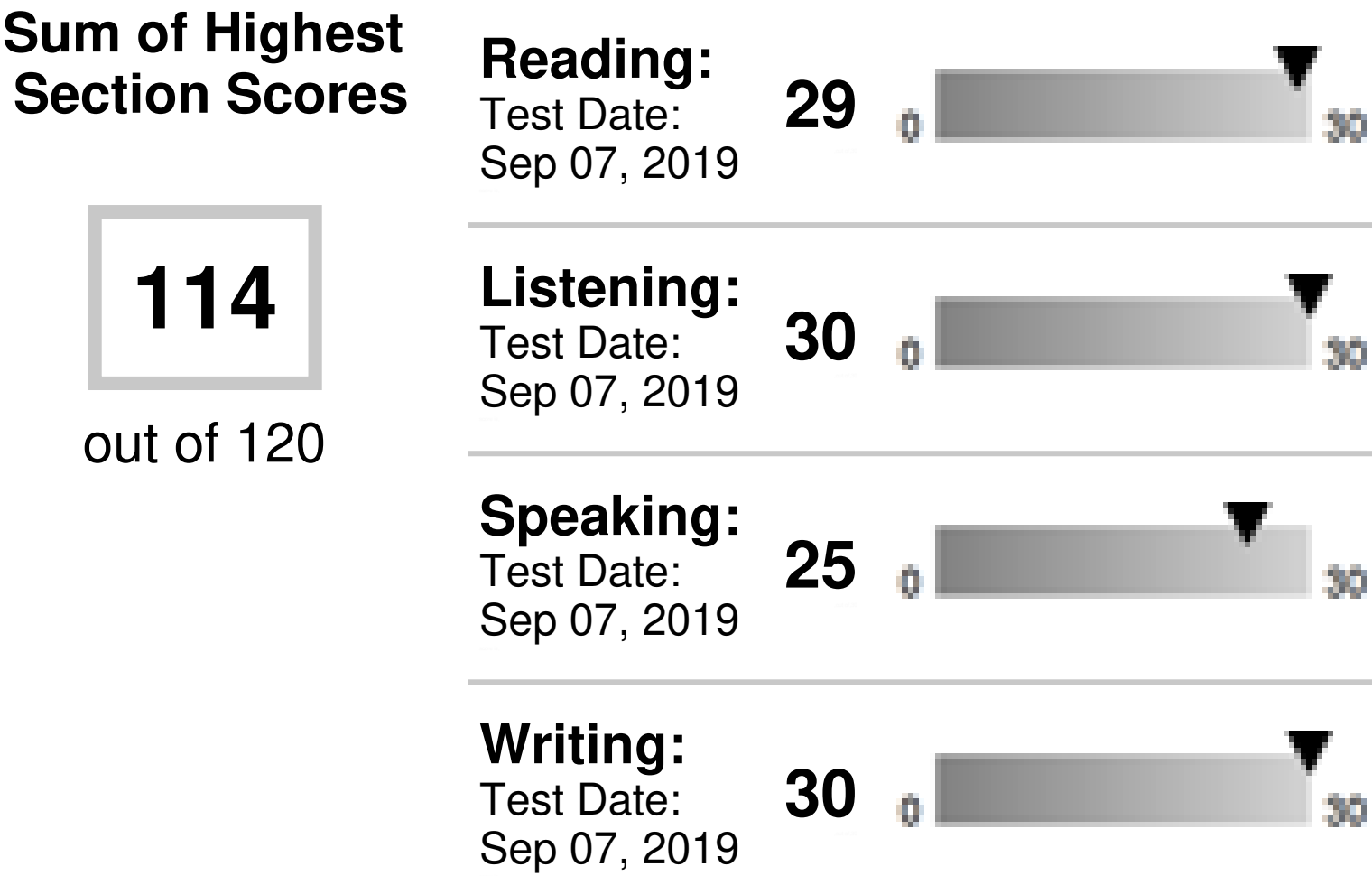
THIS IS A PDF SCORE REPORT, DOWNLOADED AND PRINTED BY THE TEST TAKER.

September 07, 2019
Test Date Scores



MyBest™ Scores

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



A total score is not reported when one or more sections have not been administered.
Expired scores are not included in MyBest™ calculations.



Best Project Award

**FOR THE YEAR
2019 - 2020**

KEERTHANA PURUSHOTHAM

Department of Computer Science and Engineering

**Ramaiah Institute of Technology
Alumni Association**



CERTIFICATE

of Excellence



PROUDLY PRESENTED TO


Keethana Purushotham

of

MS Ramaiah Institute of Technology, Bangalore

for their Contribution in SAMSUNG PRISM

from Aug '19 to Jan '20 in work-let

Certificate ID: 

Web-crawler to scrape data

A handwritten signature in black ink, reading "Dipesh A Shah".

Dipesh A Shah
Corp SVP, MD

NVIDIA DEEP LEARNING INSTITUTE

CERTIFICATE OF COMPETENCY

This certificate is awarded to
KEERTHANA PURUSHOTHAM

for demonstrating competence in the completion of
**FUNDAMENTALS OF DEEP LEARNING FOR
COMPUTER VISION**


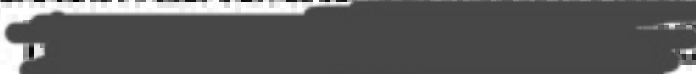
Will Ramey
Senior Director, Developer Programs, NVIDIA

2019
Year issued



DEEP
LEARNING
INSTITUTE

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>


Roll No: 

To
KEERTHANA PURUSHOTHAM
#18, SKANDANIVAS, 2ND B CROSS, GUNDAPPA
REDDY LYT.,
CHOLANAGAR, R.T. NAGAR POST
BENGALURU
BANGALORE URBAN DISTRICT
KARNATAKA
560032
PH. NO :9620836901

Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



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** %

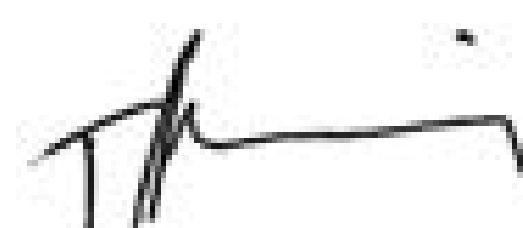
Online Assignments	21.83/25	Proctored Exam	37.88/75
--------------------	----------	----------------	----------



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
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No. 

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



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.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.

A handwritten signature in blue ink, appearing to read 'Praveen K R', with a horizontal line underneath.

Praveen K R
Business Leader, University Relationship
Program





September 20, 2021

Re: Keerthana Purushotham
Letter of Completion

To Whom It May Concern:

We are writing to confirm and to provide a Letter of Completion for the internship program here at BP Logix. Keerthana joined our team on June 16, 2021 and ended her term with us on Friday September 17, 2021. She was under the direct supervision of Gary Brown our VP of Engineering / R & D team.

Please do not hesitate to contact us with any questions.

Kind Regards,

Teri Nava
HR Manager
PH: 760-643-4121

1470 Encinitas Blvd, #232 Encinitas, CA 92024



TO WHOM IT MAY CONCERN

This is to certify that the project entitled “**Cloud Software Testing**” carried out by **Keerthana Purushotham**, student of “**B.E -CSE**”, [2016-2020], **M.S. Ramaiah Institute of Technology, Bengaluru** is hereby accepted and approved as a credible work submitted in the partial fulfillment for the requirement of degree of B.E from **VTU**, It is a bonafide record of the work done by her under our supervision during her stay as an Intern at **Cleo Software India Pvt Ltd**, from **04th Feb 2020** to **30th June 2020** and the project work has been completed successfully.

For Cleo Software India Pvt. Ltd.

A handwritten signature in black ink, appearing to be "Vishal Byakod".

(Vishal Byakod)
Authorized Signatory

CLEO SOFTWARE INDIA PRIVATE LIMITED

Regd. Office: IndiQube, The Leela Palace -Galleria, 4th Floor, 23, Old Airport Road, Kodihalli,
Bengaluru- 560008, Karnataka, INDIA Tel No. 080 – 46779111.

CIN No. U72200KA2015FTC080222; Website: www.cleo.com ; E-mail ID: vbyakod@cleo.com



TO WHOM IT MAY CONCERN

This is to certify that the project entitled “EDI Mapping Automation – Analysis of the problem & Generation alternative solutions using AI & ML” carried out by Keerthana Purushotham, student of “B.E -CSE”, [2016-2020], M.S. Ramaiah Institute of Technology, Bengaluru is hereby accepted and approved as a credible work submitted in the partial fulfillment for the requirement of degree of B.E from VTU, It is a bonafide record of the work done by her under my supervision during her stay as an Intern at Cleo Software India Pvt Ltd, from 01st July 2018 to 28th August 2018 and the project work has been completed successfully.

For Cleo Software India Pvt. Ltd.



(Vishal Byakod)

Authorized Signatory

CLEO SOFTWARE INDIA PRIVATE LIMITED

Regd. Office: IndiQube, The Leela Palace -Galleria, 4th Floor, 23, Old Airport Road, Kodihalli,
Bengaluru- 560008, Karnataka, INDIA Tel No. 080 – 46779111.

CIN No. U72200KA2015FTC080222; Website: www.cleo.com ; E-mail ID: vbyakod@cleo.com



RAMAIAH
INSTITUTE OF TECHNOLOGY

Department of Sports

CERTIFICATE

ANNUAL SPORTS 2017-18

Awarded to Mr./Ms Keerthana Purushotham
of IV Semester CSE Branch
has successfully participated in Football Event
and Secured **WINNERS / ~~RUNNERS~~** Position.

H K KIRAN KUMAR
Director of Physical Education

Dr. G S PRAKASH
Vice Chairman, Sports Committee

Dr. N V R NAIDU
Principal

M S RAMAIAH INSTITUTE OF TECHNOLOGY

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

MSR Nagar, MSRIT Post, BANGALORE - 560 054, Karnataka. Ph. : 23600822, 23608445, Fax : 080-23603124, 23607512 Web : www.msrit.edu
Accredited by National Board of Accreditation & NAAC with 'A' Grade



RAMAIAH
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF SPORTS

CERTIFICATE

ANNUAL SPORTS 2018-19

Awarded to Mr./Ms Keerthana B
of VI Semester C S E Branch
has successfully participated in Football Event
and Secured **WINNERS / RUNNERS** Position.

Dr. KIRAN KUMAR H K
Director of Physical Education

Dr. N Sriaram
Vice Chairman, Sports Committee

Dr. N V R NAIDU
Principal

M S RAMAIAH INSTITUTE OF TECHNOLOGY

(Autonomous Institute, Affiliated to VTU)

(Approved by AICTE, New Delhi & Govt. of Karnataka)

MSR Nagar, MSRIT Post, BANGALORE - 560 054, Karnataka. Ph : 23600822, 23608485, Fax : 080-23603124, 23607512 Web : www.msrit.edu

Accredited by National Board of Accreditation & NAAC with 'A' Grade

DR. M. S. RAMAIAH MEMORIAL
PARLIAMENTARY DEBATE '19

CERTIFICATE OF APPRECIATION

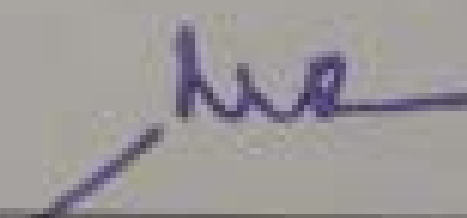
THIS IS TO CERTIFY THAT

KEERTHANA P

HAS PARTICIPATED AS A MEMBER OF THE ORGANIZING
COMMITTEE AS **A MEMBER OF CORE COMMITTEE** IN THE
10TH ANNUAL M. S. RAMAIAH MEMORIAL PARLIAMENTARY
DEBATE HELD DURING 14TH-16TH SEPTEMBER 2019.



CO-ORDINATOR
DEPARTMENT OF
EXTRA-CURRICULAR ACTIVITIES



PRINCIPAL
RAMAIAH INSTITUTE OF TECHNOLOGY



RAMAIAH INSTITUTE OF TECHNOLOGY
(Autonomous Institute, affiliated to VTU)
DEPARTMENT OF EXTRA-CURRICULAR ACTIVITIES

DR. M.S. RAMAIAH MEMORIAL
PARLIAMENTARY DEBATE '17

CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

Keerthana Purushotham

FROM MSRIT

HAS BROKEN AS AN ADJUDICATOR IN THE 8TH ANNUAL
DR. M.S RAMAIAH MEMORIAL PARLIAMENTARY DEBATE
HELD DURING 9TH-11TH SEPTEMBER 2017


CO-ORDINATOR
DEPARTMENT OF
EXTRA-CURRICULAR ACTIVITIES


PRINCIPAL
RAMAIAH INSTITUTE
OF TECHNOLOGY



RAMAIAH INSTITUTE OF TECHNOLOGY
(Autonomous Institute, affiliated to VTU)
DEPARTMENT OF EXTRA-CURRICULAR ACTIVITIES

DR. M.S. RAMAIAH MEMORIAL
PARLIAMENTARY DEBATE '17

CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

KEERTHANA PURUSHOTHAM

FROM MSRIT

HAS PARTICIPATED IN THE 8TH ANNUAL M.S. RAMAIAH
MEMORIAL PARLIAMENTARY DEBATE HELD DURING
9TH-11TH SEPTEMBER 2017

CO-ORDINATOR
DEPARTMENT OF
EXTRA-CURRICULAR ACTIVITIES

PRINCIPAL
RAMAIAH INSTITUTE
OF TECHNOLOGY



CHRIST
UNIVERSITY
BANGALORE, INDIA

Declaration as required by the University under Section 1 of UBE Act 1999

CERTIFICATE Of Participation

This is to certify that Keesthana Prushottam *of*
MSRIT *has participated*
in the Christ University Parliamentary Debate, 2017
conducted between 11 to 13 March

Pushpak

Pushpak Kedia
President

VR

V. Muthu Ruben
Faculty Coordinator

RAH

Fr Benny Thomas
Director

DR. M. S. RAMAIAH MEMORIAL
PARLIAMENTARY DEBATE '18

CERTIFICATE OF PARTICIPATION

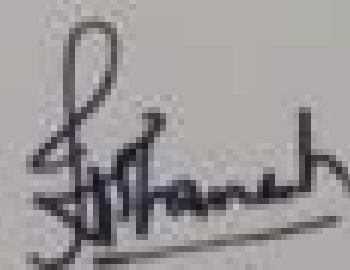
THIS IS TO CERTIFY THAT

KEERTHANA PURUSHOTHAM

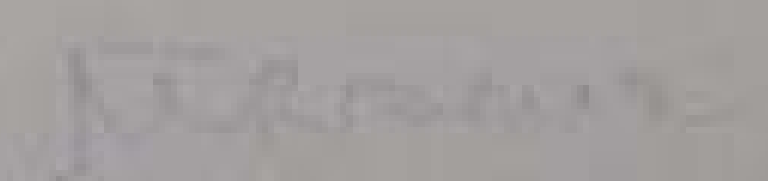
FROM MSRIT

HAS PARTICIPATED AS VOLUNTEER

IN THE 9TH ANNUAL M. S. RAMAIAH
MEMORIAL PARLIAMENTARY DEBATE HELD DURING
22ND-24TH SEPTEMBER 2018.



CO-ORDINATOR
DEPARTMENT OF
EXTRA-CURRICULAR ACTIVITIES



PRINCIPAL
RAMAIAH INSTITUTE OF TECHNOLOGY

MIT

The Official Literary, Debate, and Quiz Club
MIT, Manipal

LDQ



Certificate of Participation

This is to certify that Keshtana Puvushotham
from M. S. R. J. J. has
participated in MITDT 2017.

Dr. G.K. Prabhu
Director, MIT

Dr. Narayana Shenoy
Associate Director, Student Welfare

Dr. Sriprasad Acharya
Faculty Advisor, LDQ

Samir Kothari
Convener

Ashwyn
Convener



RAMAIAH
Institute of Technology

2018 IEEE - Women in Engineering
"Technology Development and Community Outreach"

Certificate of Achievement

This is to certify that KEERTHANA PURUSHOTHAM has won
2ND prize for the event QUIZ
conducted during the two day symposium on Women in
Engineering at RIT on 8th - 9th March, 2018.

Sushma K. R.

Coordinator

Premila Mander

Convener

M. R. S. S.

Principal

Title & Event Sponsor

AMD

Title Co Sponsor



APPLIED DIGITAL
MICROSYSTEMS PVT LTD

Event Sponsor

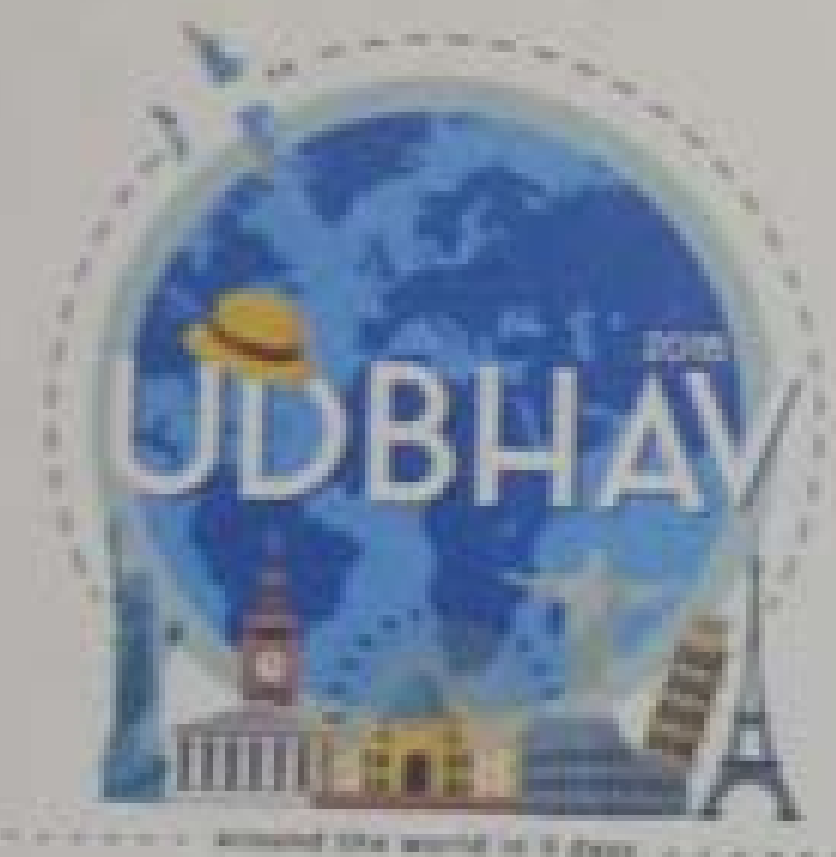
iPlanet



IEEE

Advancing Technology
for Humanity





CERTIFICATE



of
APPRECIATION

Presented to

We Award 25% scholarship to Mr/Ms Keerthana P
for being runner up of world quiz event

conducted in 2018

Bahar Ali
Centre Head



www.**thegateacademy**.com

Terms and Conditions : • not transferable • applicable for 1 course • valid for 2018 only • limited period validity



RAMAIAH
Institute of Technology



CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT MR./MS. KEERTHANA PURUSHOTHAM
FROM M.S.R.I.T HAS TAKEN
PART IN B+POURRI AT
DR. MS RAMAIAH MEMORIAL QUIZ FEST
HELD ON NOVEMBER 9TH AND 10TH, 2018.

CO-ORDINATOR

DEPT OF EXTRA CURRICULAR ACTIVITIES

PRINCIPAL



RAMAIAH
Institute of Technology



CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT MR./MS. KEERTHANA PURUSHOTHAN
FROM RIT HAS TAKEN
PART IN GENERAL QUIZ AT
DR. MS RAMAIAH MEMORIAL QUIZ FEST
HELD ON 19th October, 2019.

CO-ORDINATOR

DEPT OF EXTRA CURRICULAR ACTIVITIES

PRINCIPAL



RAMAIAH
Institute of Technology



CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT MR./MS. KEERTHANA PURUSHOTHAM
FROM RIT, BANGALORE HAS TAKEN
PART IN POTPOURRI AT
DR. MS RAMAIAH MEMORIAL QUIZ FEST
HELD ON 12th OCTOBER 2012.

CO-ORDINATOR

DEPT OF EXTRA CURRICULAR ACTIVITIES

PRINCIPAL



RAMAIAH
Institute of Technology



CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT MR./MS. KEERTHANA PURUCHOTHAM
FROM RAMAIAH INSTITUTE OF TECH. HAS TAKEN
PART IN FOOD & CULTURE QUIZ AT
DR. MS RAMAIAH MEMORIAL QUIZ FEST
HELD ON 19th of October 2019

CO-ORDINATOR

DEPT OF EXTRA CURRICULAR ACTIVITIES

PRINCIPAL



RAMAIAH
Institute of Technology



VOLUNTEER CERTIFICATE

THIS IS TO CERTIFY THAT MR./MS ..*KEERTHANA PURUSHOTHAM*

WAS A VOLUNTEER/✓EVENT- COORDINATOR


FOR ..*GENERAL Quiz*.....

AT DR MS RAMAIAH MEMORIAL QUIZ FEST

HELD ON*19th of October*....., 20..*19*.....



CO-ORDINATOR



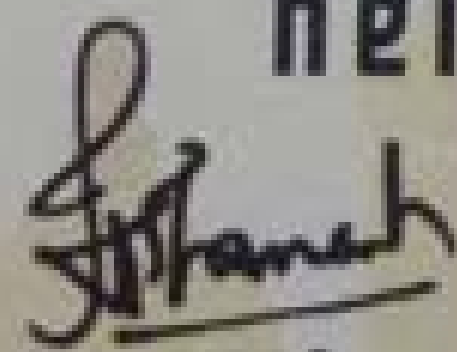
PRINCIPAL

DEPT OF EXTRA CURRICULAR ACTIVITIES

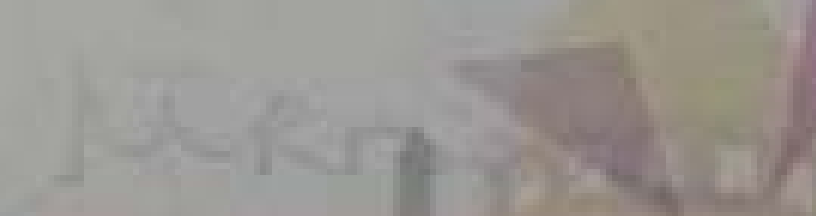


CERTIFICATE WINNER

This is to certify that KEERTHANA. P
secured 1 place in GENERAL Quiz at UDBHAV '18
held from 22nd to 24th March 2018.



CO-ORDINATOR
Dept. of
Extra Curricular Activities

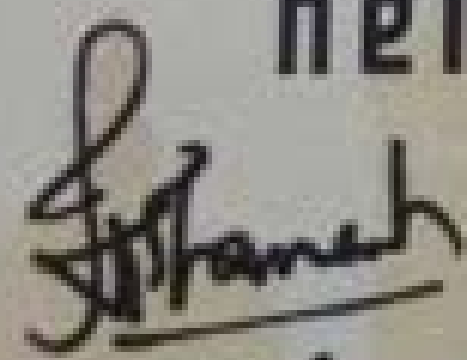


PRINCIPAL
MSRIT



CERTIFICATE WINNER

This is to certify that KEERTHANA P
secured II place in WORLD QUIZ at UDBHAV '18
held from 22nd to 24th March 2018.



CO-ORDINATOR
Dept. of
Extra Curricular Activities



PRINCIPAL
MSRIT

ISSN (Online): 2581-5792



IJRESM

International Journal of Research in
Engineering, Science and Management

🌐 www.ijresm.com 📧 support@ijresm.com

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



RAMAIAH
Institute of Technology



IEEE
RAMAIAH

RoboRIT
IEEE RIT

Certificate of Participation

IS PRESENTED TO

Keerthana Purushotham

FOR PARTICIPATING IN THE ARDUINO WORKSHOP CONDUCTED BY
'ROBORIT' CHAPTER OF IEEE-RIT ON 7TH, 8TH OCTOBER 2017

ANISH HEGDE
IEEE-RIT CHAIR

DR. SHOBHA K R
IEEE-RIT BRANCH COUNSELOR

Ref. Num: MP2017WC13

ieeeritb.in

TECH FEST 2016

SYNTRONIX

Department of Telecommunication Engineering

This is to certify KEERTHANA. P
of TELECOMMUNICATION has
participated in the TECH FERNO competition
held on 2nd and 3rd December 2016 at
the institute.

COORDINATOR

PRINCIPAL

TECH FEST 2016

SYNTR  NIX

Department of Telecommunication Engineering

This is to certify KEERTHANA . P
of TELECOMMUNICATION has
participated in the Potpoweri competition
held on 2nd and 3rd December 2016 at
the institute.



COORDINATOR

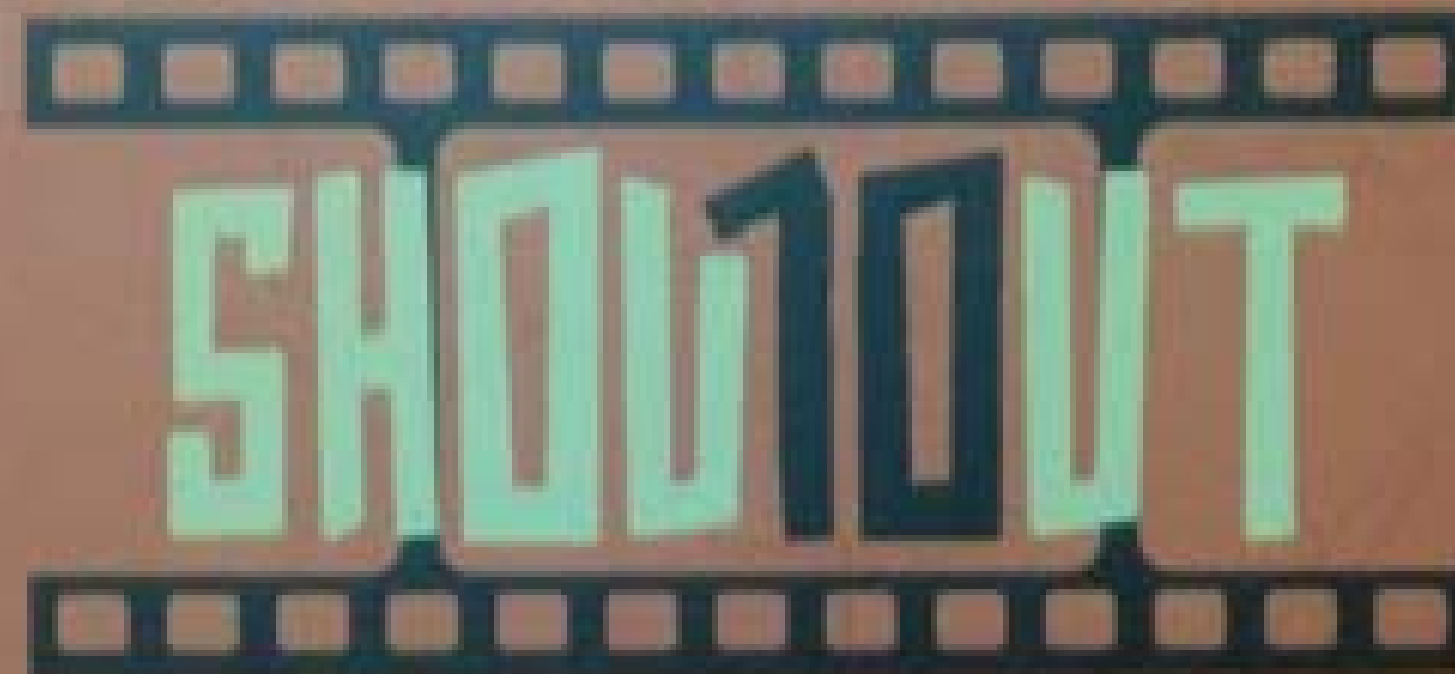


PRINCIPAL



RAMAIAH
INSTITUTE OF TECHNOLOGY

Department of Extra-Curricular Activities



PARTICIPANT

This is to certify that KEERTHANA PURUSHOTHAM bearing
USN 1MS16TE018 was a PARTICIPANT in SKIT
performed at SHOUTOUT 10.0
held on 12th 13th & 14th October 2017

Coordinator

Principal

Ramaiah Institute of Technology

(Autonomous Institute, Affiliated to VTU)



LIONS BLOOD BANK

4056

BLST - Bhagawan Mahaveer Jain Hospital, Millers Road, Vasanthnagar, Bangalore - 560052.

Ph : 080-22266807, 080-22208148, 080-22200050 Fax : 080-22207767

E-mail : lionsbloodbank1983@gmail.com

Certificate of Voluntary Blood Donation



—Sri/Smt.....KEERTHANA.....

Please accept our sincere appreciation in service of humanity

of your **VOLUNTARY DONATION OF BLOOD**

Blood GroupO POSITIVE.....

Donate Blood

Save Lives

Venue : MSRIT

Date : 29/11/17

Chairman

Medical Officer



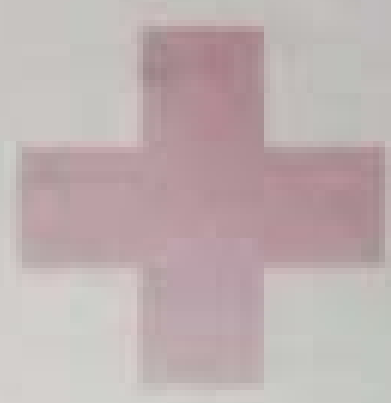
Ph : 080-26608870, 26612730 Email : rbloodbank@gmail.com Website : www.rashtrotthana.org



Jean Henry Dunant
Founder
(1828-1910)

THROUGH HUMANITY TO PEACE

Indian Red Cross Society



Karnataka State Branch

26, "Red Cross Bhavan", 1st Floor,

Race Course Road, Bengaluru - 560 001.

Mob : 90350 68435 Ph : 080-1052 (Toll Free) / 080-22268435 / 22340844 / 22264205

E-mail : ircskarnataka@yahoo.in / ircskart@gmail.com

CERTIFICATE OF APPRECIATION

BLOOD GROUP :

O +ve

DATE : 06/12/18

Dear Sir / Smt. **K E E R T H A N A P U R U S H O T H A M**

We convey our deep appreciation, for having donated your blood to the blood bank of Indian Red Cross Society, Karnataka State Branch.

You have helped us to save many precious lives by donating your blood. Often these may be even of those who are near and dear to you.

We are confident that your noble example will be followed by others. We would request you to spread the message of voluntary blood donation amongst your friends and thus assist us in helping the poor and needy patients.

BASUR RAJEEV SHETTY
Chairman

Mrs. PRASHANTH CHANDRASEKAR
General Secretary

Give the gift of Life - Donate Blood

ಸಾಂಸ್ಕೃತಿಕ ಚಟುವಟಿಕೆಗಳ ವಿಭಾಗ



ಪ್ರಶಂಸಾ ಪತ್ರ

ಕುಮಾರ / ಕುಮಾರಿ _____ ಕೀರ್ತನಾ ಪ್ರಶೋತಮ್ _____ , _____ ನೇ ವರ್ಷ
_____ ದೂರ ಸಂಚರಣೆ _____ ವಿಭಾಗದ ಇವರು , ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವ ಸಮಾರಂಭದ
ಅಂಗವಾಗಿ _____ ಫೇಸ್ ಫೈರಿಂಗ್ _____ ಸ್ಪರ್ಧೆಯಲ್ಲಿ _____ ಬಹುಮಾನ ಪಡೆದಿದ್ದಾರೆ.


ಡಾ || ಕೆ. ಆರ್. ಫನೇಂದ್ರ
ಸಂಯೋಜಕರು

ಸಾಂಸ್ಕೃತಿಕ ಚಟುವಟಿಕೆಗಳ ವಿಭಾಗ


ಡಾ || ಕೆ. ಎಸ್. ವಿ. ಆರ್. ನಾಯ್ಕ
ಪ್ರಾಂಶುಪಾಲರು

ಎಂ . ಎಸ್ . ರಾಮಯ್ಯ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ

Certificate Of Achievement

- IN THE FIELD OF PROMOTION OF THE JAPANESE POPULAR CULTURE IN INDIA -



The entire team of MANGA PLANET COSPLAY WALK'18 is proud to award this certificate of excellence to you, towards your passion and dedication in promoting the Japanese Popular culture to the world. We continue looking forward to such support from you in the future and wish you all the very best in your journey.

The Consul-General of
the Consulate-General of Japan in Bengaluru

18TH MARCH 2018

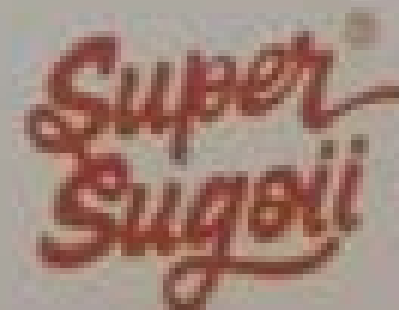
HOSTED BY



SPONSORED BY



POWERED BY



IN ASSOCIATION WITH



CERTIFICATE

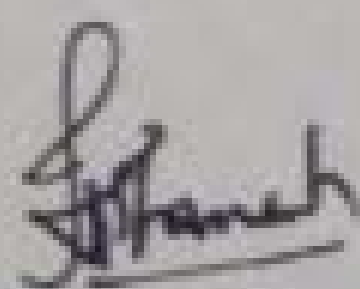
OF PARTICIPATION

This is to certify that

Ms/Mr KEERTHANA P

bearing the USN IMS16CS145

was a part of the walkathon conducted by
nature club on 4th November, 2018 to promote
green and clean diwali-
SAY NO TO CRACKERS



Prof. K R Phaneesh
COORDINATOR
Dept. of
Extra-Curricular Activities,
RIT



Prof. N V R Naidu
PRINCIPAL
RIT