

# CURRICULUM VITAE



# Asres Temam Abagissa

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Mizan Tepi University, Tepi,  
SNNPR, Ethiopia

E-mail: astrax111@gmail.com  
Phone: +919771490427

## WORK EXPERIENCE

### **Mizan Tepi University, Ethiopia**

Lecturer

Head, undergraduate program of Electrical & Computer Engineering Department

**Nov 2014 — Present**

## QUALIFICATIONS

- Advanced Computer Knowledge
- Computer Programming using C, C++, C#, Java, android, python, R programming, SQL/mysql, MongoDB,...
- CISCO network certified instructor
- IoT Developer
- Machine learning and Deep Learning
- Data Science
- Oracle Certified Associate java Programmer
- Java Script
- Embedded C
- Hardware programming using PIC, Arduino, Raspberry pi...

## EDUCATION

### **BSc in Electrical & Computer Engineering**

**Oct 2009 — Jul 2014**

Arba Minch University, Ethiopia

### **MTech in Computer Engineering**

**Jul 2016 — May 2018**

KIIT University, India

### **Diploma in Specialized program on Internet of Things**

**Mar 2019 — Apr 2019**

CDAC Noida, India

### **PhD in Computer Science & Engineering**

**Jan 2021 — Jan 2025**

Indian Institute of Technology Patna

I am working on Internet of Things with Machine Learning Approach

## INTERESTS

- Playing Football
- Watching Movies and Documentaries

## REFERENCES

- Mengistu Ketema, Mizan Tepi University, Dean, College of Engineering & Technology
- Dr. Mohammed Shafi, Mizan Tepi University

# **EDUCATION PROFILE**



ARBA MINCH UNIVERSITY  
OFFICE OF REGISTRAR

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Arba Minch, Ethiopia

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ይ/ቤት ደ/ቤት

Phone +251-046-8810772  
Fax +251-046-8810729/820

Date 03/07/2006 E.C.  
July 07, 2014 G.C.

ልማት መሰከተው ሆኖ

ለኢት/ወ/ሮ/ሪ/መ/ሪት

አስረስ ታምህር አበበ

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አሌክተክኒክ እና ከምላውተር ምህንድነት (ከምላውተር ምህንድነት)

የትምህርት መሰከት በበትኩስ ደንብ በ 26 ቀን 2006 ዓ.ም  
በመመረቷው ይህ የምሳያው ወረቀት ተሰጥቶታል::  
ወ/ሮ/ታምህር በአጠቃላይ 3.01 በዋናው \*\* መሆኑን ለማለያዊ  
ዋናው ደንብና ትራንስჩርፕት በወጪ መጠገት ወል መጠረት  
ግዢታቸውን ሲወጡ የሚሰጥው ይሆናል::

*To Whom It May Concern*

The certificate is issued to Mr./Ms./Mrs.

ASRES TEMAM ABAGISSA

Up on graduation in,  
Electrical and Computer Engineering (Computer Engineering)

field on July 03, 2014 G.C and obtained B.Sc.  
degree. His/her grades are CGPA 3.01 and Major  
CGPA \*\*. The original degree and transcript will be  
issued upon the discharge of cost sharing duty.





# KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY

DEEMED TO BE UNIVERSITY, BHUBANESWAR-24  
(Deed. U/S 3 of the UGC Act, 1956)

Upon recommendation of the Board of Management hereby confers the Degree of

## MASTER OF TECHNOLOGY

in

Computer Science & Engineering

with specialization in Computer Engineering  
on

**ASRES TEMAM ABAGISSA**



who has successfully completed the courses of study in the year 2018 as prescribed under the regulations

Given under the seal of Kalinga Institute of Industrial Technology, Deemed to be University in the Republic of India on the

Tenth day of September Two Thousand Eighteen



Registrar

Vice - Chancellor



# KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY

DEEMED TO BE UNIVERSITY, BHUBANESWAR-24  
(Ded. U/S 3 of UGC Act, 1956)

## FINAL GRADE REPORT

No.: FG-T/18- 000531

YEAR OF ADMISSION : 2018

SCHOOL OF Computer Engineering

STUDENT'S NAME	ROLLNUMBER	REGN. NUMBER
ASRES TEMAM ABAGISSA	1850022	18678358540

PROGRAMME : M.Tech.(Computer Science & Engineering)

COMPLETED ON : May 2018

SPECIALIZATION : Computer Engineering

COURSE CODE	COURSE NAME	Cr	Gr	COURSE CODE	COURSE NAME	Cr	Gr		
<b>Semester1</b>									
CS6101	Algorithm & Complexity Analysis	4	E	CS6187	Thesis Part-I	15	O		
CS6121	Advanced Computer Architecture	3	A	<b>Semester4</b>					
CS6181	Seminar	1	E	CS6188	Thesis Part-II	20	O		
CS6191	Computing Lab	2	E						
CS6201	Cryptography	4	B						
CS6301	Data Mining and Data Warehousing	4	A						
CS6391	Data Mining and Data Warehousing Lab	2	E						
MA6001	Advance Mathematics	4	O						
<b>Semester2</b>									
CS6102	Computational Intelligence	4	A						
CS6104	Mobile Communication & Computing	4	A						
CS6124	Service Oriented Architecture	3	E						
CS6182	Seminar	1	A						
CS6184	Comprehensive Viva Voice	2	E						
CS6192	Computational Intelligence Lab	2	E						
CS6302	Big Data Analytics	4	D						
CS6422	Software Project Management	3	B						

SGPA	1ST SEM	2ND SEM	3RD SEM	4TH SEM	5TH SEM	6TH SEM	7TH SEM	8TH SEM	9TH SEM	10TH SEM
	8.54	7.85	10.00	10.00	NA	NA	NA	NA	NA	NA
CGPA	8.91									

CONTROLLER OF EXAMINATIONS



22 MAY 2018

REGISTRAR

# EXPERIENCES



**Mizan-Tepi University**  
**ማ.ጥ.ቁ.ቁ. የሸፍርድ**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
**የሞኑና ስራውያን ተክኖሎጂ አካዳም ብሔራዊ ዴሞክራሲያዊ ዴሞክራሲያዊ ዴሞክራሲያዊ**

ΦTC MTU/CET/18/283/1258 1  
No  
DATE 12/03/n

**TO WHOM IT MAY CONCERN**

**WORK EXPERIENCE**

**Mr .ASRES TEMAM ABAGISSA.** an academic staff of Mizan-Tepi University, requested us to get his official letter that testifies his work experiences in this University. Accordingly, the following points would briefly describe the applicant's work experiences here in Mizan-Tepi University.

**Date of Employment** Novmbre 1/2007 E.C

**Academic Rank Lecturer**

- From Novmbre 1/2007 E.C) 30/10/2008 E.C Assistant Lecturer
  - From July 1/11/2008 up to 13/9/2010 study leve
  - From may 14/9/2010 E.C To Date Lecturer
  - Served: In College of Engineering & Technology Department of Electrical and computer Engineering
  - Current Monthly Salary: 11305 (Eleven thousand three hundred five Birr)
  - Income tax has been deducted
  - Total Service: 3 Year 3 Months and 27 days.

Besides, Mr ASRES TEMAM ABAGISSA has been serving the University honestly and enthusiastically with an excellent relationship with the staff members. Therefore, I request all the valuable concerned bodies to cooperate and assist the employee. We appreciate your assistance in advance.





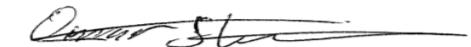
# Instructor Years of Service

This award is presented to

**Asres Temam**

for **ONE YEAR** of active participation and service in  
Cisco Networking Academy.

Award date: [2021](#)



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Omar Shaban,  
Director of Global Operations  
Cisco Networking Academy



# Certificate of Participation

This certificate recognizes the participation of

**Asres Temam**

as an active instructor in the Cisco Networking Academy program. As a NetAcad Instructor, Asres Temam delivers Cisco Networking Academy courses to students with the goal of improving students' lives and the communities in which they live.

A handwritten signature of Omar Shaban.

Omar Shaban  
Director of Global Operations  
Cisco Networking Academy

Printed: 30 Dec, 2021



Networking Academy ID: 24865744

Email: astrax111@gmail.com

## **Teaching Qualifications**

CCNA R&S: Connecting Networks, 04 Sep 2019

CCNA R&S: Scaling Networks, 04 Sep 2019

CCNA R&S: Routing and Switching Essentials, 04 Sep 2019

CCNAv7: Switching, Routing, and Wireless Essentials, 10 Dec 2019

CCNAv7: Enterprise Networking, Security, and Automation, 10 Dec 2019

CCNA R&S: Introduction to Networks, 15 Jan 2020

Networking Essentials, 15 Jan 2020

CCNAv7: Introduction to Networks, 15 Jan 2020

## **Networking Academy Roles**

Arba Minch University

Student

Global Academy

Student

IPD Academy

Student

Jimma University

Student

Mizan-Tepi University

Instructor, Student

## **Courses Currently Eligible to Teach as Instructor**

CCNA R&S: Connecting Networks  
CCNA R&S: Introduction to Networks  
CCNA R&S: Routing and Switching Essentials  
CCNA R&S: Scaling Networks  
CCNAv7: Bridging  
CCNAv7: Enterprise Networking, Security, and Automation  
CCNAv7: Introduction to Networks  
CCNAv7: Switching, Routing, and Wireless Essentials  
Community: Empowerment Technologies  
Cybersecurity Essentials  
Emerging Technologies Workshop - Experimenting with REST APIs using Webex Teams  
Emerging Technologies Workshop - Model Driven Programmability  
Entrepreneurship  
Get Connected  
IT Essentials: PC Hardware and Software  
Introduction to Cybersecurity  
Introduction to IoT  
Introduction to Packet Tracer  
Introduction to the Internet of Everything  
IoT Fundamentals: Big Data & Analytics  
IoT Fundamentals: Connecting Things  
IoT Fundamentals: Hackathon Playbook  
IoT Fundamentals: IoT Security  
Networking Essentials  
Packet Tracer Know How 1: Packet Tracer 101  
Partner: CLA - Programming Essentials in C  
Partner: CLP - Advanced Programming in C  
Partner: CPA - Programming Essentials in C++  
Partner: CPP - Advanced Programming in C++  
Partner: Cloud Security  
Partner: JavaScript Essentials 1 (JSE)

Partner: NDG Linux Essentials

Partner: NDG Linux I

Partner: NDG Linux II

Partner: NDG Linux Unhatched

Partner: PCAP - Programming Essentials in Python

## **Courses Currently Eligible to Teach as Instructor Trainer**

ASC Academy Support Offering

Academy Orientation

Academy Support Center Training

Advocacy Team Offering

Annex A for USMC

Annex B for USMC

Annex C for USMC

Authoring Toolkit

Be Your Own Boss

CCENT Instructor Trainer Qualification

CCNA Instructor Trainer Qualification

Campus Career Link

Community: Empowerment Technologies

Customized Course

Cybersecurity Essentials

Entrepreneurship

Get Connected

Introduction to Cybersecurity

Introduction to IoT

Introduction to Packet Tracer

Introduction to the Internet of Everything

Mobility Fundamentals

Mobility Fundamentals Series: Bring Your Own Device  
Mobility Fundamentals Series: Troubleshooting Wireless LANs  
Mobility Fundamentals Series: Wireless LAN Networks  
Mobility Fundamentals Series: Wireless LAN Security  
Mobility Fundamentals Series: Wireless Router & Clients Configuration  
Mobility Fundamentals Series: Wireless Technology and Standards  
NetAcad Competition  
NetAcad IPD Offering  
NetAcad Mentoring  
NetAcad Portfolio  
Networking Academy Conferences  
New Template (Blank)  
Packet Tracer Know How 1: Packet Tracer 101  
Partner: CLA - Programming Essentials in C  
Partner: CLP - Advanced Programming in C  
Partner: CPA - Programming Essentials in C++  
Partner: CPP - Advanced Programming in C++  
Partner: Cloud Security  
Partner: CyberPatriot Content  
Partner: JavaScript Essentials 1 (JSE)  
Partner: NDG Linux I  
Partner: NDG Linux II  
Partner: NDG Linux Unhatched  
Partner: PCAP - Programming Essentials in Python  
Rapid Course Development Guide  
WEF 1: Making Internet and Network Connections  
WEF 2: Understanding Network Operations  
WEF 3: Network Services and Applications  
WEF 4: Home Networks  
WEF 5: Basic Cisco Networking  
Webinar Series

# **Recognition**

## Instructor Awards

1 Years of Service - 2021

## Letters of Merit

CCNA 4 August 2018 01 Oct 2018

CCNA 3 Aug 2018 01 Sep 2018

CCNA 2 Instructor August 01 Nov 2018

CCNA 1 August Instructor Training 01 Oct 2018

CCNA3\_2013/05 01 Aug 2014

CCNA2 31 Oct 2013

## Instructor Professional Development

# RECOMMENDATION LETTERS



# Kalinga Institute of Industrial Technology (KIIT) Deemed to be University

(Established U/S 3 of UGC Act, 1956)

Bhubaneswar, Odisha, India

Ref No: KIIT\_DU/SCE/1043/19.

Date: 30/11/2019

## TO WHOM IT MAY CONCERN

I am writing this reference letter in support of Asres Temam who is applying to Ph.D. Program in the area of IoT at your esteemed University. I came to know Asres when I was his Instructor for the course "Data mining & Data warehousing" in M.Tech. Program. In this two years of association, I had ample opportunity to assess his professional and personal abilities and I must say Asres has shown excellent interest in all his scholastic pursuits. He is a person with very good analyzing capabilities.

Asres distinguished himself by submitting an exceptionally well researched and interesting project. I would rank him in the top 10% of students that I have taught in the past two years in respect of his writing ability and research skills.

Overall, Asres is highly intelligent and has good analytical skills. His overall intelligence is also reflected in his grades for the courses, which were by far the best in the class. Asres has excellent communication skills. He also demonstrated good team working skills in group assignments.

Asres is an exceptional candidate for graduate study in Ph.D. Program. I would therefore highly recommend Asres Temamin for higher study in your University.

Alok Kumar Jagadev  
30/11/2019

Dr. Alok Kumar Jagadev  
School of Computer Engineering,  
Email: alok.jagadevfcs@kiit.ac.in  
KIIT Deemed to be University, Bhubaneswar, Odisha, India





Ref No: KIIT-DU/SCE(CSE&IT)/2048/19

Date:30/11/2019

## To Whom It May Concern

### Recommendation Letter

I deem it a deep pleasure to recommend one of the outstanding students in our department, **Mr. Asres Temam Abagissa** who aspires to attend your PhD in your university.

Since his enrollment into our department with remarkable entrance scores, Asres Temam has embodied the fine character of strong inquisition and industriousness in learning, which has gained his significant academic success during his college years. I am aware of Asres Temam's distinctive academic performance as reflected in his transcripts. He maintained a high GPA (8.91).

Owing to the fact that, Asres Temam passed his final project, entitled "IoT based smart agricultural device controlling system" under my supervision in the field of "Internet of Things", I can say that, I am deeply impressed and moved by his capability of organizing and his sense of involvement.

On a personal level, Asres Temam is a multifaceted person showing a lot of enthusiasm for cultural and extra-curricular activities. He is fluent in English and can express his ideas clearly.

Respectfully submitted,

  
Dr. Santosh Kumar Pani  
School of Computer Engineering  
KIIT University  
PROF EMAIL: spanifcs@kiit.ac.in  
Tel: +91 9861008635





ARBA MINCH UNIVERSITY

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ARBA MINCH INSTITUTE OF TECHNOLOGY  
ELECTRICAL & COMPUTER ENGINEERING DEPARTMENT  
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ስልክ: +251 - 46 - 8814963  
Tel: +251 - 46 - 8814963  
ፌስት: +251 - 46 - 8810279  
Fax: +251 - 46 - 8810820

ቁጥር: \_\_\_\_\_  
Date: July 9, 2014  
ቁጥር: \_\_\_\_\_  
Ref. No: ECE/ / 087/0b

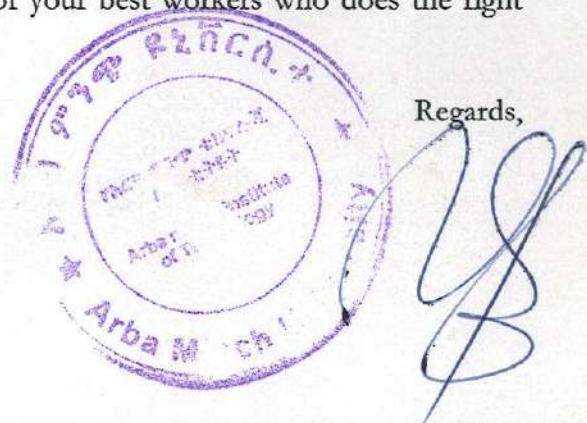
To Whom It May Concern

It is a matter immense pleasure to introduce **Mr. ASRES TEMEM** who is known by me for more than three years. As an instructor of at least one subject, I had many occasions to observe him from close quarters so as to form an opinion about his scholastic attainments. I have been instructor, project advisor and personal advisor for two years at the department of Electrical and Computer Engineering.

**Mr. ASRES TEMEM** was diligent and industrious student keenly alive to the latest developments in the field of study. The solid foundations he had in fundamentals and zeal to apply them to practical situations was visible during all the practical sessions of the curriculum courses.

During my observations, I found him to be eloquent, sedulous and true to him work. Moreover, **Mr. ASRES TEMEM** is very amiable in his interpersonal relationships and maintains very good rapport with her faculty. his thoroughly understanding of the fundamentals of his ability to analyze problem and work towards the solution are quite appreciable.

I in all cases would be very happy to recommend my student **ASRES TEMEM** to your institution and verify that **Mr. ASRES TEMEM** will become one of your best workers who does the right thing to elevate the profile of your institution.



Nathanael Chuta (MSc.)

Head, Electrical and Computer Engineering Department

Arba Minch Institute of Technology

Arba Minch University

E-mail: nathanael.chuta@amu.edu.et

P.O.Box 21

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Arba Minch, Ethiopia

Web Site [www.amu.edu.et](http://www.amu.edu.et)

መልስ ሲጋፍ-አን የኩና ቁጥር ይታወስ

When replying please indicate our reference No.

E-mail-ece.amit@amu.edu.et

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+251 - 46 - 8810279

+251 - 46 - 8810820

Date: 14/February/14

Ref: HR/227/02/14/14

**To Whom It May Concern**

It is with pleasure that I write this letter of recommendation to Mr. Asres Temam, who was in Intern at dVentus Wind Technologies Plc., from October 24, 2013 to February 17, 2014.

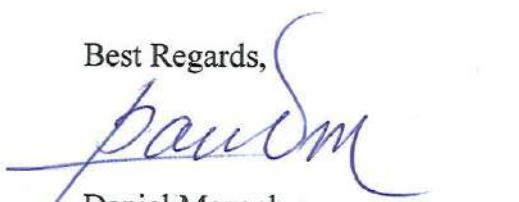
Mr. Asres not only successfully completed his internship program but also made a remarkable contribution to our company during his internship tenure. In addition to completing his assigned projects he also participated in the revision of his project assignment taking a challenge, with his colleague, of building the company's Human Resources Management Software that requires more time, energy, skills and knowledge. Together with his colleague he managed to realize same by putting in extra efforts and time as necessary in order to meet specific deadlines for this project.

Mr. Asres works well with others and he is a very good team player and personable. He is diligent, open-minded, flexible, dependable and with good interpersonal skills.

He is a promising person with a great potential in his fields of expertise. It is my firm belief that Asres will surpass his requirements for his graduation and in the months to come and will be an asset for his potential employers that will include dVentus as a vacancy pops up that he qualifies.

I believe, this young prospective graduate deserves your consideration for a position his is applying and I strongly recommend him for a position he qualifies. I wish him the best of luck and continued success. Please fill free to contact me if you need additional information or perspective.

Best Regards,



Daniel Mezgebu  
Director of Human Resources  
dVentus Wind Technologies Plc.  
Phone: +251 114 196 176 (Desk)  
Email:[danielm@dventus.com](mailto:danielm@dventus.com)  
[www.dventus.com](http://www.dventus.com)



Date: 14/February/14

Ref: HR/229/02/14/14

**To Whom It May Concern**

It is with pleasure that I write this letter to Mr. Asres, who was an Intern at dVentus Wind Technologies Plc., from October 24, 2013 to February 17, 2014.

Mr. Asres made intelligent and insightful contributions during his internship program in our company. As per our company policy for new Interns, he was given a one month On-The-Job Training (OJT) and two main projects to work on during his Internship program. The OJT includes:

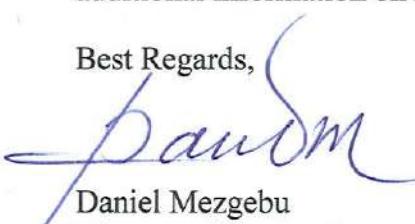
- Introduction to Lab Equipment
- Circuit and PCB design
- MATLAB Simulink
- Microcontroller Programming
- Soldering

The projects were development of Programmable Switch Mode Power Supply and Human Resource Management Software and he successfully completed the projects on time and as per our requirements. I met his supervisor and himself regularly to detail the progress in his training and projects.

He put in extra hours as necessary in addition to the normal working hour in order to meet specific deadlines that I set. I teamed him up with other staff members to work during his stay. He works well with the other co-workers and I found him very personable. He was diligent in his work and he completed all assignments.

Finally I wish him the best of luck and continued success. Please feel free to contact me if you need additional information on his internship program.

Best Regards,



Daniel Mezgebu  
Director of Human Resources  
dVentus Wind Technologies Plc.  
Phone: +251 114 196 176 (Desk)  
Email:[danielm@dventus.com](mailto:danielm@dventus.com)  
[www.dventus.com](http://www.dventus.com)



**Dr. R. MohammadShafi, M.Tech, Ph.D.**  
Associate Professor  
Department of Electrical and Computer Engineering  
College of Engineering and Technology  
Tepi Campus, **Mizan-Tepi University**  
Ethiopia.  
E-mail: mahammad.r@mtu.edu.et  
Mobile: +251-948422661

### To Whom So Ever It May Concern

**Mr. Asres Temam Abagissa** is my Co-faculty Member at Department of Electrical and Computer Engineering, College of Engineering and Technology, Tepi Campus, Mizan-Tepi University. During Mr. Asres experiences at Mizan-Tepi University, I have had opportunities to observe him in a variety of situations, like in academic, research and community services.

Mr. Asres worked collaboratively in planning with his fellow Faculty members and with Students. He was willing to listen and draw upon the expertise of other team members, as well as, contribute ideas, which enhanced co-faculty members.

Mr. Asres established a working environment which was caring and supporting. He had excellent class room management skill. He has many outstanding technical skills in Computer Engineering. He is sincerely working towards enhancing the performance of Internet of Things Platform to meet the challenges of the Smart Agriculture. He is a person of strong character, personal integrity, and sincere warmth. He has cheerful positive manner with his co-faculty members and students.

It is pleasure to give Mr. Asres a recommendation letter. I am confident he is most promising candidate in your premier institution. If you need any questions or wish further information, please don't hesitate to contact me.

Sincerely,

  
**R. MAHAMMAD SHAFI**



# PUBLICATIONS



## *Certificate of Participation*

This is to certify that

A3res Temam Abagissa

has successfully presented a paper entitled

IOT Based Smart Agricultural Device controlling System

in the International Conference on Inventive Communication and Computational Technologies (ICICCT 2018) during 20-21 April 2018.

*Sarabard*  
Session Chair

*Lemher*  
Organizing Secretary

*coorakard*  
Conference Chair



ICICCT-2018

# **TRAINING CERTIFICATES**



Federal Democratic Republic of Ethiopia  
Ministry of Education  
JIMMA UNIVERSITY



## CERTIFICATE OF COMPLETION

*This is to certify that*

Asres Temam

*Has successfully completed the following courses of Cisco Certified Network Associate (CCNA) Routing and Switching Instructor Training Program given at Jimma University Cisco Instructor Training Center:*

<b>CCNA Routing and Switching 1: Introduction to Networks</b>	<b>70Hrs</b>
<b>CCNA Routing and Switching 2: Routing And Switching Essentials</b>	<b>70Hrs</b>
<b>CCNA Routing and Switching 3: Scaling Networks</b>	<b>70Hrs</b>
<b>CCNA Routing and Switching 4: Connecting Networks</b>	<b>70Hrs</b>

Given on August 24, 2018

JU ICT Development Director

Girum Ketema  
ICT Development Director



Vice President, Academics

Xaye Tolemariam (Professor)  
Vice President for Aca/Affairs



# Instructor Years of Service

1 Year of Service

Networking Academy





**CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING  
NOIDA**

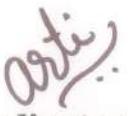
*(A Scientific Society of Ministry of Electronics & IT, Government of India)*

**CERTIFICATE**

No. 1272/25644/SPIOT/MEA/(92)/2018

This Certificate is awarded to *Mr. Asres Temam Abagissa* of *Ethiopia* for successfully completing the programme on *Specialised Programme on IoT* conducted by **C-DAC, NOIDA** under **ITEC** Programme of Ministry of External Affairs, Govt. of India from *04<sup>th</sup> March 2019* to *26<sup>th</sup> April 2019*.

N.F  
Programme Coordinator

  
Group Coordinator(Academic)

  
Executive Director

**प्रगत संगणन विकास केन्द्र**  
**CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING**

इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार की एक वैज्ञानिक संस्था  
A Scientific Society of the Ministry of Electronics and Information Technology, Govt. of India



अनुसंधान भवन  
सी-56 / 1 संस्थागत क्षेत्र, सैकटर-62,  
नोएडा-201 309 (उ.प्र) भारत  
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Ref No.: 7(2)/2018-SoIT

April 26, 2019

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Asres Temam Abagissa** from **Ethiopia** had come to India under ITEC scheme of **Ministry of External Affairs, Government of India**, for undergoing “ **Specialised Programme on IoT** ” from **04<sup>th</sup> March 2019 to 26<sup>th</sup> April 2019** at **Centre for Development of Advanced Computing (C-DAC), NOIDA (Ministry of Electronics & IT, Govt. of India)**, B-30, Institutional Area, Sector-62, NOIDA.

**Mr. Asres Temam Abagissa** has successfully completed the above training and following modules have been covered during the course:

S.NO.	MODULE NAME
1	Micro Controller
2	C Programming
3	Android
4	Embedded Linux & RaspberryPi
5	Python
6	Internet Protocol
7	Programming with Raspberry
8	IoT Protocol

(Navneet Jain)  
Programme Coordinator

- 
- पूणे / Pune : +91-20-2570 4100 • बैंगलुरु (नॉलेज पार्क) / Bangalore (Knowledge Park) : +91-80-2524 4059/6823/6826
  - बैंगलुरु (इलेक्ट्रॉनिक्स सिटी) / Bangalore (Electronics City) : +91-80-2852 3300 • नई दिल्ली / New Delhi : +91-11-2651 0221
  - हैदराबाद / Hyderabad : +91-40-2373 7124 • मुंबई / Mumbai : +91-022 2620 1606 • चेन्नई / Chennai : +91-44-2254 2226/27
  - कोलकाता / Kolkata : +91-33-2357 9846 / 5989 • मोहाली / Mohali : +91-172-223 7052/57
  - तिरुवनंथपुरम / Thiruvananthapuram : +91-471-272 3333 • सिलचर / Silchar : +91-8811080081



# Certificate

THIS IS TO CERTIFY THAT



## Asres Temam

Department of Computer Engineering  
Mizan Tepi University, Tepi, Ethiopia

has participated successfully in

### ONE WEEK INTERNATIONAL VIRTUAL TRAINING WORKSHOP ON Data Science with Python

Organized by

*School of Computing and Informatics, Mizan-Tepi University, ETHIOPIA*

in collaboration with

*MathTech Thinking Foundation (MTTF), INDIA*

Date : October 05-11, 2021

Mr. Mezgebe Araya  
SCI, R/C/S Vice Dean, MTU, ETHIOPIA



Mr. Yideg Mamo  
CEO, MTU, Tepi, ETHIOPIA



Dr. Gurmej Singh  
General Secretary  
Dr. Mehar Chand  
President (MTTF, INDIA)



# CERTIFICATE OF PARTICIPATION



**Asres Temam Abagissa**

Department of Computer Engineering

**Mizan Tepi University, Ethiopia**

*is a part of organizing committee of*

**Publication, Scopus Indexed Journals**

*Jointly organized by*

*Research, Community Service, Industry Linkage and Technology Transfer Directorate,*

*MTU, Tepi Campus, ETHIOPIA*

*in collaboration with*

*MathTech Thinking Foundation, INDIA*

Mr. Sintayehu Gashew  
Organizing Secretary



Mr. Yideg Mamo  
CEO (MTU, Tepi Campus, Ethiopia)

Dr. Gurmej Singh  
General Secretary



Dr. Mehar Chand  
President (MTTF, INDIA)

# *Certificate of Completion*

*This is to certify that Asres Temam successfully completed 27 hours of Learn Android Application Development online course on Dec. 31, 2019*

*ProgramMe Programming*

ProgramMe Programming, Instructor



#BeAble

Certificate no: UC-1C95HQEA  
Certificate url: ude.my/UC-1C95HQEA



Certificate no: UC-1cdd243e-7f47-4925-9b60-51b6e047cee3

Certificate url: ude.my/UC-1cdd243e-7f47-4925-9b60-51b6e047cee3

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Crash Course on Embedded C Programming

Instructors **Amit Rana**

## Asres Temam

Date **Sept. 7, 2021**

Length **5 total hours**



Certificate no: UC-1d175ba0-8d48-4ec9-885e-3de9638ddc7e

Certificate url: ude.my/UC-1d175ba0-8d48-4ec9-885e-3de9638ddc7e

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Applied Ethical Hacking and Rules of Engagement

Instructors **Seyed Farshid Miri**

## Asres Temam

Date **Sept. 7, 2021**

Length **40 total hours**



Certificate no: UC-2ee6d29a-3e02-4260-a4f1-a63c315fc5ef

Certificate url: ude.my/UC-2ee6d29a-3e02-4260-a4f1-a63c315fc5ef

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# JavaScript for Beginners - The Complete introduction to JS

Instructors **Yassin Marco**

## Asres Temam

Date **Dec. 30, 2021**

Length **4 total hours**



Certificate no: UC-8f000687-77d0-4fe1-8ba9-56111e52a05b  
Certificate url: ude.my/UC-8f000687-77d0-4fe1-8ba9-56111e52a05b  
Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Spatial Analysis & Geospatial Data Science in Python

Instructors **Shan Singh**

## Asres Temam

Date **Sept. 19, 2021**

Length **4 total hours**



Certificate no: UC-9ea03bdb-4ebe-4281-87b7-a4acbbcaafa7

Certificate url: ude.my/UC-9ea03bdb-4ebe-4281-87b7-a4acbbcaafa7

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Learn C++ by Solving 75 Coding Challenges

Instructors **Beat Academy**

## Asres Temam

Date **Dec. 30, 2021**

Length **2 total hours**



Certificate no: UC-63fac3ff-aa79-49df-8832-e16353f77bc6

Certificate url: ude.my/UC-63fac3ff-aa79-49df-8832-e16353f77bc6

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Statistics and probability for Quantitative finance

Instructors **Lucas Inglese**

## Asres Temam

Date **Dec. 30, 2021**

Length **6 total hours**



Certificate no: UC-88c24fe5-1d26-4a55-9230-d0d5cae05d78

Certificate url: ude.my/UC-88c24fe5-1d26-4a55-9230-d0d5cae05d78

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Oracle Certified Associate Java Programmer (OCAJP) 1Z0-808

Instructors **Andrii Piatakha**

## Asres Temam

Date **Sept. 19, 2021**

Length **13.5 total hours**



Certificate no: UC-91dfef20-ede8-4e03-a2b2-265ea9be537e

Certificate url: ude.my/UC-91dfef20-ede8-4e03-a2b2-265ea9be537e

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors **Trevoir Williams, Learn IT University, Andrii Piatakha**

## Asres Temam

Date **Dec. 30, 2021**

Length **12.5 total hours**



Certificate no: UC-93c5daa6-d6ce-4c8c-bf78-307f2617724e

Certificate url: ude.my/UC-93c5daa6-d6ce-4c8c-bf78-307f2617724e

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

## Asres Temam

Date **Sept. 19, 2021**

Length **35 total hours**



Certificate no: UC-8901a673-cc68-4b3c-af14-abf4f344fca3

Certificate url: ude.my/UC-8901a673-cc68-4b3c-af14-abf4f344fca3

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Ultimate Python Bootcamp For Data Science & Machine Learning

Instructors **Pruthviraja L**

## Asres Temam

Date **Sept. 7, 2021**

Length **16 total hours**



Certificate no: UC-773505e4-446f-4879-bb2c-e24db23aed8c

Certificate url: ude.my/UC-773505e4-446f-4879-bb2c-e24db23aed8c

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Machine Learning- From Basics to Advanced

Instructors **EdYoda Digital University, Awantik Das**

## Asres Temam

Date **Oct. 20, 2021**

Length **7 total hours**



Certificate no: UC-aed8cf29-7836-4224-a488-c535656caeef

Certificate url: ude.my/UC-aed8cf29-7836-4224-a488-c535656caeef

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Microsoft SQL Server Development for Everyone

Instructors **Trevoir Williams, Learn IT University, Andrii Piatakha**

## Asres Temam

Date **Dec. 30, 2021**

Length **6 total hours**



Certificate no: UC-ca6046a3-515c-4142-95df-15962763fcad  
Certificate url: ude.my/UC-ca6046a3-515c-4142-95df-15962763fcad  
Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Java for Beginners - Learn all the Basics of Java

Instructors **Yassin Marco**

## Asres Temam

Date **Sept. 19, 2021**

Length **5.5 total hours**



Certificate no: UC-d05a48a6-310b-4e39-924c-859f26454587

Certificate url: ude.my/UC-d05a48a6-310b-4e39-924c-859f26454587

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Google Data Studio A-Z for Data Visualization and Dashboards

Instructors **Start-Tech Academy**

## Asres Temam

Date **Sept. 19, 2021**

Length **4 total hours**



Certificate no: UC-dacfe7de-ae88-4d7a-88a9-7ce84ccd5f4f

Certificate url: ude.my/UC-dacfe7de-ae88-4d7a-88a9-7ce84ccd5f4f

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Master Multithreading - Concurrency with Java Examples

Instructors **Andrii Piatakha, Learn IT University**

## Asres Temam

Date **Dec. 30, 2021**

Length **5 total hours**

# *Certificate of Completion*

*This is to certify that Asres Temam successfully completed 4 hours of Fundamentals of IoT Development with ThingWorx Version 7.4 online course on Jan. 4, 2020*

*Mark Cheli      Ben Norman*

Mark Cheli, Instructor

Ben Norman, Instructor

&



#BeAble

Certificate no: UC-EVZ1FJIJ  
Certificate url: ude.my/UC-EVZ1FJIJ



Certificate no: UC-fe85557f-58c5-4e7d-a0ef-92e58e7335ad  
Certificate url: ude.my/UC-fe85557f-58c5-4e7d-a0ef-92e58e7335ad  
Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Webservices API Testing with Postman - Complete Guide

Instructors **Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University**

## Asres Temam

Date **Dec. 30, 2021**

Length **4.5 total hours**

# *Certificate of Completion*

*This is to certify that Asres Temam successfully completed 2.5 hours of Free Python 101 Class Beginners Bootcamp Intro to Python NYC online course on Dec. 31, 2019*

*Shivgan Joshi*

Shivgan Joshi, Instructor



#BeAble

# *Certificate of Completion*

*This is to certify that Asres Temam successfully completed 27 hours of Learn Android Application Development online course on Dec. 31, 2019*

*ProgramMe Programming*

ProgramMe Programming, Instructor



#BeAble

Certificate no: UC-1C95HQEA  
Certificate url: ude.my/UC-1C95HQEA



# RTST-2018

11<sup>th</sup> National Workshop on Recent Trends in Software Testing

18<sup>th</sup> -22<sup>nd</sup> MAY 2018

## Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. ASRES TEMAM  
of KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY  
has participated successfully in the **11<sup>th</sup> National Workshop on Recent Trends in Software  
Testing held at Kalinga Institute of Industrial Technology, Deemed to be University,  
Bhubaneshwar, India during 18<sup>th</sup>-22<sup>nd</sup> May 2018.**

Organising Chair

  
Co-Convenor  
Convenor