



## TADESSE WASIE CHEKOL

**Date of birth:** 28/06/1996 | **Nationality:** Ethiopian | **Gender:** Male | **Phone number:** (+91) 8148545083 (Mobile) | **Phone number:** (+251) 912679905 (Work) | **Email address:** [tadesse.wasie1221@gmail.com](mailto:tadesse.wasie1221@gmail.com) | **LinkedIn:** [tadesse wasie chekol](https://www.linkedin.com/in/tadesse-wasie-chekol) | **YouTube:** [@Guzara-12](https://www.youtube.com/@Guzara-12) | **WhatsApp Messenger:** +251 912679905 | **WhatsApp Messenger:** +918148545083 | **Address:** IITMADRAS, CHENNAI, TAMILNADU, INDIA, 600036, mahanadhi hostel, 600036, chennai, India (Work)

### ABOUT ME

I am a forward-thinking mechanical engineer passionate about smart manufacturing, digital transformation, and sustainable engineering solutions. My academic journey, with an **honors degree in Mechanical Engineering and a minor in Smart Electric Vehicles**, has equipped me with a solid foundation in advanced technologies crucial for Industry 4.0. I am highly motivated to join the **Erasmus Mundus META4.0** program to further develop my expertise in digital manufacturing and contribute to global innovations in sustainable engineering. My commitment to lifelong learning and collaborative research aligns with the program's mission to foster technological advancement and sustainability. I aim to leverage the program's interdisciplinary curriculum and international exposure to enhance my ability to address complex engineering challenges and create innovative solutions for a greener future.

### WORK EXPERIENCE

01/10/2022 – 30/10/2023 Bahir Dar, Ethiopia

#### TECHNICIAN MANAGER BAHIR DAR UNIVERSITY

##### Equipment Maintenance and Repairs

Develop and implement a comprehensive maintenance schedule for textile machinery to ensure optimal performance and minimize downtime.

Coordinate and supervise the work of maintenance technicians to carry out routine inspections, preventive maintenance, and repairs on textile machines.

Respond promptly to equipment breakdowns, diagnose issues, and provide effective solutions to minimize production disruptions.

##### Technical Training and Skill Development

Identify the technical skills and knowledge required for operating and maintaining textile machinery.

Provide training programs and workshops for technicians to enhance their skills and keep them updated on new technologies and advancements in textile machinery.

Foster a culture of continuous learning and improvement within the technical team.

##### Resource Management

Manage and optimize resources, including spare parts inventory, tools, and equipment, to ensure efficient maintenance operations.

Collaborate with procurement to source high-quality spare parts and equipment from reliable suppliers.

Monitor and control maintenance costs while ensuring the availability of necessary resources to support uninterrupted production.

##### Quality Control and Process Optimization

Work closely with production and quality control teams to understand the performance requirements of textile machinery in relation to product quality.

Implement measures to optimize machine settings and processes for improved efficiency, quality, and energy conservation.

Conduct regular performance assessments of textile machinery, analyze data, and implement improvements to enhance overall equipment effectiveness (OEE).

08/09/2012 – 30/06/2016 Andabet, Ethiopia

#### FOUNDER AND CHAIRMAN OF PEACE CLUB ANDABET GENERAL AND HIGHER EDUCATION PREPARATORY SECONDARY SCHOOL

##### Leadership and Coordination

Provide effective leadership to the peace club.

Coordinate and oversee the activities of the club members.

### **Promoting Peace Education**

Organize workshops, seminars, and awareness campaigns to educate students about the principles of peace, conflict resolution, and tolerance.

Collaborate with teachers to integrate peace education into the school curriculum.

### **Event Planning**

Plan and organize events and activities that promote peace, unity, and understanding among students.

Arrange peace rallies, cultural events, and other initiatives that encourage a peaceful school environment.

### **Conflict Resolution**

Act as a mediator in conflicts among students or between students and staff.

Facilitate conflict resolution workshops to equip students with effective communication and problem solving skills.

15/09/2014 – 15/07/2016 Andabet, Ethiopia

**LIBRARY SERVICES ASSISTANT** ANDABET GENERAL AND HIGHER EDUCATION PREPARATORY SECONDARY SCHOOL

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- assist the librarian in the day-to-day activities of the library.
- helping clients find the materials they need and keep safely the materials
- check out library materials and restock the shelves.

## **EDUCATION AND TRAINING**

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01/07/2018 – 14/08/2022 Bhubaneswar, India

**BACHELOR OF TECHNOLOGY** Kalinga Institute Of Industrial Technology

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**Address** patia, KIIT university, patia, Bhubaneshwar, Odisha, India, 751024, Bhubaneswar, India | **Website** <https://www.kiit.ac.in> |

**Field of study** Mechanical(Automobile) Engineering(HONOR) And Minor in Smart Electric Vehicle | **Final grade** 9.32 |

**Thesis** Species Transport modeling and Analysis Of gaseous Combustion Using Computational Methode

14/04/2021 – 14/05/2021 Bhubaneshwar, India

**SELF DRIVING CAR** Toronto University Through Coursera

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**Website** <https://www.coursera.org/14/04/2021 – 14/05/2021>

20/10/2020 – 21/11/2020 bhubaneshwar, India

**MECHANICAL DESIGN AT THE LEVEL OF ASSOCIATE** DASSAULT SYSTEMS OF SOLID WORKS

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**Website** <https://www.solidworks.com/certifications/mechanical-design-cswa-mechanical-design>

05/06/2021 – 04/07/2021 bhubaneshwar, India

**ADDITIVE MANUFACTURING (3D PRINTING)** KIIT University

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**Website** <https://www.kiit.ac.in>

01/06/2021 – 30/06/2021 bhubaneshwar, India

**LABVIEW** KIIT University

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**Website** <https://www.kiit.ac.in>

05/04/2021 – 05/06/2021 bhubaneshwar, India

**MARKETING IN DIGITAL WORLD** University of Illinois through Coursera

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10/07/2021 – 27/05/2022 Bhubaneswar , India

**PROJECT** Kalinga Institute Of Industrial Technology

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**Website** <https://www.kiit.ac.in> | **Field of study** Mechanical (Automobile ) Engineering | **Final grade** O (outstanding) |

**Thesis** Species Transport modeling and Analysis Of gaseous Combustion Using Computational Methode

Bhubaneswar , India

**PUBLICATIONS** International Journal of Research in Engineering and Science

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**Website** <https://www.ijres.org/> | **Field of study** Design and Analysis of Fluid Flow in CD Nozzle using ANSYS Fluent Software

● **LANGUAGE SKILLS**

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Mother tongue(s): **AMHARIC**


Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

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Microsoft Office | Microsoft Excel | Microsoft Powerpoint | Microsoft Word | Organizational and planning skills |  Interpersonal Skills | Social Media including Facebook , WhatsApp and Twitter | Critical thinking | Decision-making | Team-work oriented

● **RECOMMENDATIONS**

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**Prof.(Er.) Isham Panigrahi,Ph.D** Professor and Dean

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Dean of Mechanical (Automobile) Engineering, KIIT DU, Bhubaneswar, India

**Email** [ipanigrahifme@kiit.ac.in](mailto:ipanigrahifme@kiit.ac.in) | **Phone** (+91) 8658018070

**Dr. Ruby Mishra** Professor and head

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Machine Design head in mechanical Engineering, KIIT DU, Bhubaneswar, India

**Email** [rubymishrafme@kiit.ac.in](mailto:rubymishrafme@kiit.ac.in) | **Phone** (+91) 9437678405

**Dr. Prakash Ghose** professor

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Project Supervisor at School of Mechanical Engineering, KIIT DU, Bhubaneswar, India.

**Email** [pghosefme@kiit.ac.in](mailto:pghosefme@kiit.ac.in) | **Phone** (+91) 8984182951