

Terms of Reference

Position	Visiting Professor
Field of expertise	Machine Design
University	Addis Ababa University, Ethiopia
Faculty	Faculty of Technology
Department	Mechanical Engineering
Duration of Contract:	3 years (to be renewed)
Start Date:	As soon as possible
Department Information	<p>The Department of Mechanical Engineering offers the following study programs:</p> <ul style="list-style-type: none">▪ B.Sc. in Mechanical Engineering with focus areas in Manufacturing, Automotive, Machine Design and thermal Systems.▪ M.Sc. programs in Mechanical Design, Thermal Engineering and Applied Mechanics. <p>The Department has 11 academic staff with Ph.D. or Dr.-Ing. degrees at the ranks from assistant professor to professor, and five academic staff with M.Sc. degrees at the rank of lecturer. The department has a manufacturing workshop with conventional and CNC machines, and laboratories.</p>

Tasks & Responsibilities

Teaching	<ul style="list-style-type: none">▪ Give courses in the graduate and undergraduate programs related machine and product design.▪ Supervise M.Sc. theses in the area of machine design and related areas.
Research	<ul style="list-style-type: none">▪ Research is expected in areas dealing with problems of the local industry.
Administration and change-agent functions	<ul style="list-style-type: none">▪ Participate in the Engineering Education Reform and support the implementation process of the new curriculum and governance structure as approved by the faculty.▪ Participate in university and department committees.
Additional Tasks	<ul style="list-style-type: none">▪ Supervise PhD dissertations.▪ Assist with twining of the department with German Universities, e.g. for initiating joint research and PhD programs
Academic, professional and personal requirements	<ul style="list-style-type: none">▪ Doctorate degree in machine/product design.

Contact

- Industry and research experience.
- Experience with engineering education
- Ability to work in a multicultural team

Dr. Demiss Alemu

Head, Department of Mechanical Engineering

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