

Terms of reference

Position	Visiting Professor
Field of expertise	Process design, simulation and control
University	Addis Ababa University, Ethiopia
Faculty	Faculty of Technology
Department	Chemical Engineering
Duration of Contract:	3 years (to be renewed)
Start Date:	As soon as possible
Department Information	<p>The main objectives of the Chemical Engineering Department are:</p> <ul style="list-style-type: none">▪ to produce qualified chemical engineers who are instrumental in the development of the industrial sector of the country.▪ to carry out research in line with the development needs of the country.▪ to provide consultancy and technical services to the industrial sector and other socio-economic sectors of the country. <p>The first courses in chemical engineering were offered from 1981 to 1986 as a minor program of the Department of Mechanical Engineering. In 1986, the Department of Chemical Engineering was opened. Since then, more than 300 BSc students have graduated. In 2001, the department began an advanced diploma program and since 2002 several postgraduate programs were launched, i.e. process engineering, environmental engineering and food engineering. Currently 60 students are reading for MSc degrees.</p> <p>The department currently has 16 staff, i.e. six Ph.D. holders, six M.Sc. holders and four assistant lecturers. About the same number of staff is on study leave.</p> <p>The following facilities are available for teaching and research:</p> <ul style="list-style-type: none">▪ Heat and Mass Transfer Laboratory▪ Reaction Engineering Laboratory▪ Mechanical Separation Laboratory▪ Mechanical Size Reduction Laboratory▪ Process Control

- Computer laboratory with all necessary facilities

Text books are available but the number of copies is limited, journals are not sufficient, but are ordered, internet access is available.

Tasks & Responsibilities

Teaching

Giving the following B.Sc.-level courses (lectures, tutorials, seminars) within the module 'Process Design, Simulation and Control':

- Chemical Engineering Process Design
- Chemical Engineering Apparatus Design
- Process Control and Instrumentation

Research

- Participate in the ongoing research on industrial and related problems in Ethiopia.
- Develop research proposals for funding

Administration & change-agent functions

- 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

- Supervise B.Sc. students with projects and final theses.

Academic, professional and personal requirements

- Doctorate in chemical engineering, process engineering or systems control.

Contact

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