**Addis Ababa University**

**Addis Ababa Institute of Technology (AAiT)**

**School of Civil and Environmental Engineering**

**Water Distribution Modeling (CENG – 6404)**

**Assignment 2- Scientific Literature Review (10%)**

In AAiT there have been many scientific literatures produced by different researchers (Lecturers, MSc. Students, and PhD. Students). Among others, there are many theses and research findings documented by your seniors in the same stream. As the course Water Distribution Modeling is the core module of your stream, you are expected to apply any of the water modeling tools in your final MSc. Thesis or MENG project work. This assignment is therefore designed to acquaint you to some of the resources in the library so that you will get good approaches that enhance your research capacity and vision.

Collect one MSc. Thesis from AAiT library (or any from other Universities in the country or abroad) and make an appropriate scientific literature review considering the following key aspects.

* Is the topic researchable? Is the topic relevant to the field of specialization?
* Check whether the abstract gives a proper summary of the research or not.
* What is the rationale of the research? Is there any proper flow of the research structure?
* What is new in the research? Is problem statement properly addressing any scientific gap?
* Can you get any national or international relevance of issues in the problem identified?
* Are all the general and specific objectives properly addressed or not?
* Are all the literatures reviewed up to dated ones to reflect the-state-of-the-art?
* Does the researcher used appropriate tool to conduct his/her research?
* Were the materials and methods clearly indicated the research approaches followed by the researcher?
* Are the important results discussed to answer the set of objectives?
* Are the results presented using relevant figures and table formats?
* Is the study concluded to answer the objectives?
* Are relevant recommendations forwarded based on the results?
* Does the researcher use minimum gray literatures?
* Are citations proper (scientific) and consistent?
* Please, evaluate the overall language use and editorial issues.
* Do you recommend this thesis as future reference or not? If not why?

**Submission Date: - June 18, 2018 (with presentation and Softcopy via e-mail:** **fiseha.behulu@aait.edu.et****)**