

Title of Article: Cognitive Ontology based Framework for Networking Women in Sciences

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Abstract: In order to increase the percentage of women in academics or researchers, there is need for a functioning research networking through which women can exchange ideas; ask questions and more importantly, mentorship, in Nigeria. In order to make for this, several recommendations have been suggested but are not scientific. Therefore, to bridge this gap scientifically, this paper is presenting an overview of a question and answering system framework that hybridize semantic search methodology and cognitive reasoning. The hybridization will enhance the question and answering accuracy especially due to the introduction of domain ontology for the semantic process. This paper also presents the output of the first phase of the implementation which is the development of the domain ontology for the question and answering system.