

## Transformative Concept of Logic to Islamic Science: Reflections on Al-Ghazālī's Influence

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**Abstract :** Before al-Ghazālī, Islamic scholars perceived logic as an intrusive knowledge. The knowledge therefore, did not receive ample attention among scholars on how it should be adapted into Islamic sciences. General scholarship in that period rejects logic as an instrumental knowledge. This attitude became unquestionable to the scholars from different perspectives with diversification of suggestions in the pre-al-Ghazālī's period. However, al-Ghazālī proclaimed with new perspective that transform Logic from 'intrusive knowledge' to a useful tool for Islamic sciences. This study explores the contributions of al-Ghazālī to epistemology regarding the use and the relevance of Logic. The study applies qualitative research methodology dealing strictly with secondary data from medieval age and contemporary sources. The study concludes that al-Ghazālī's contributions which supported the transformation of Logic to useful tool in the Muslim world were drawn from his experience within Islamic tradition. He succeeded in reconciling Islamic tradition with the wisdom of Greek sciences.

**Keywords :** Al-Ghazālī, classical logic, epistemology, Islamdom and Islamic sciences

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