

# **Adaptation of Induced Fuzzy Cognitive Maps to the Problems Faced By the Farmers in Sriperumbudur Taluk Kanchi District**

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## **Abstract**

Agriculture is the backbone of Indian economy and it is an important primary activity. In this research we investigate how the rapid economic growth in services, industrial output, and non-agricultural sectors in Kancheepuram districts between 2000 to 2010 affects the growth of agriculture and the farmers, which in turn made them to drop their occupation (agriculture) in Sriperumbudur, Kancheepuram district. We analyze this problem using Induced Fuzzy Cognitive Maps (IFCMs). IFCMs are a fuzzy-graph modeling approach based on expert's opinion.

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