

## GOPALAKRISHNAN KRISHNASAMY SIVAPRAKASAM

Assistant Professor of Computer Science  
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### Education:

<b>Ph.D.</b> in Computer Science	Iowa State University, Ames, IA	April 2016
<b>M.S.</b> in Computer Science	Iowa State University, Ames, IA	Dec. 2009
<b>M.phil.</b> in Mathematics	Bharathiar University, Coimbatore, India	Dec. 1992
<b>M.Sc.</b> in Mathematics	Bharathiar University, Coimbatore, India	Dec. 1989
<b>B.Sc.</b> in Mathematics	Bharathiar University, Coimbatore, India	May 1987

### Research Interests:

Computational logic with focus on secrecy-preserving reasoning problems, Algorithms, Computer Theory, Knowledge Representation and Reasoning, Discrete Mathematics and Game Theory.

### Publications:

Krishnasamy Sivaprakasam, G., Slutzki, G.(2016). Secrecy-Preserving Query Answering in ELH Knowledge Bases. 8<sup>th</sup> International conference on Agents and Artificial Intelligence, Rome, Italy.

Krishnasamy Sivaprakasam, G. and Slutzki, G. Keeping Secrets in Modalized DL Knowledge Bases. Submitted to 11th International Conference on Advances in Modal Logic.

Krishnasamy Sivaprakasam, G. and Slutzki, G. Secrecy-Preserving Reasoning in EL<sup>+</sup> Knowledge Bases. Selected for the publication in "Lecture Notes in Computer Science" (LNCS) published by Springer.

Krishnasamy Sivaprakasam, G., Slutzki, G.: Secrecy-Preserving Reasoning in Acyclic DL- LiteR Knowledge Bases in the Presence of BCQs. Under submission to journal.

### Conferences & Summer schools:

Attended "6th International Conference on Web Reasoning and Rule Systems" conference at Vienna, Austria, 10-12 Sept. 2012.

Attended Reasoning Web Summer School at Vienna, Austria, 3-8 Sept.2012.

Attended CADE-24 – the 24th International Conference on Automated Deduction at Lake Placid, New York, 9-14 June, 2013.