

## **241. KEYWORD DENSITY BASED CONFIDENTIAL SEARCH ON FLOWING DATA**

Rampriya.M#1, Mrs. A.Priya M.E.\*2

# PG scholar Dept of CSE, Ultra College Of Engineering And Technology for Women,  
Madurai, Tamilnadu, India

\*Head of the department/CSE, Ultra College Of Engineering And Technology for Women,  
Madurai, Tamilnadu, India

Private query is used to search for documents from streaming data. Private searching on streaming data is a used to dispatch to a public server a program, which searches streaming sources of data without revealing searching criteria and then sends back a buffer containing the findings. The recent breakthrough in fully homomorphic encryption has allowed constructing arbitrary searching criteria theoretically. Based on the state of the art fully homomorphic encryption techniques, give disjunctive, conjunctive, and complement constructions for private threshold queries based on keyword frequency. Combining the basic constructions, further present a generic construction for arbitrary private threshold queries based on keyword frequency. These protocols are semantically secure as long as the underlying fully homomorphic encryption scheme is semantically secure. To enhance security implements blowfish algorithm which slowly gaining acceptance as a strong encryption algorithm.

Index Terms—Private searching on streaming data, fully homomorphic encryption, binary linear code

*Journal of Science and Innovative Engineering & Technology*