

(Volume - 2)



Associate Chief Executive Editors
Dr. P. Sujatha, Dr. C. Shanthi,
Dr. J. Jebathangam,
Dr. K. Rohini, Dr. K. Kasturi

**Dr. G. Jayaraman, Mrs. A. Punitha,
Dr. R. Bagavathi Lakshmi, Prof. N. Ganesh Kumar**

**RECENT TRENDS IN INFORMATION
&
COMMUNICATION TECHNOLOGY**

VOLUME 2

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7. Modern application of Graph theory

A.Punitha, Dr. G. Jayaraman

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Abstract

In different fields the field of mathematics plays a key role. In mathematics, graph theory is one of the important fields used in structural models. This structural structure of different objects or technologies leads to new developments and changes in the current world in these areas. The field graph theory began in 1735 with the Konigsberg Bridge problem. This paper provides a description of implementations of graphical theory in a number of heterogeneous areas but focuses mostly on information science, electrical engineering, linguistics, physics and chemistry, computer network science, biotechnology and graphical theoretical applications. Several articles focused on graph theory have been studied concerning scheduling principles, engineering technology implementations.