

# A Review on Bio-Inspired Techniques in Mobile Ad-hoc Network

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**Abstract:** *Over the years, users' demand for higher service levels has continued to increase. This has led to the rapid development and advancement of wireless communication in an effort to create a model that meets users' needs. In mobile ad hoc networks (MANETs), since there is no protocol in such networks, it is the responsibility of the mobile user to use the correct information. When the location is out of the radio range of the location, each cell in the network acts as a relay and sends information to the other cell until that location is reached. MANETs have more security than quality of service (QoS). In this paper, we conduct a comparative study of mobile self-organizing network applications based on different technologies and present some issues or problems that may be found in our data analysis studies*

**Keywords:** Bio-Inspired Technique, Mobile Ad hoc Network, Routing Algorithm, Quality of Service