

ROUTING SCHEME FOR MULTI-HOP WIRELESS NETWORKS BASED ON MINIMIZATION OF DISTANCE FOR PACKET TRANSMISSION

1. *Mr.D.MURUGANANDAM, M.Tech* 2. *A.Abinaya* 3. *M.Janani* 4. *A.Shairabanu.*
Assistant Professor, *UG Student* *UG Student* *UG Student*

^{1, 2, 3, 4}Department of CSE,
University college of Engineering, Panruti.

abinayaalagarsamy@gmail.com,jananimunusamy2012@gmail.com,shairabanu2612@gmail.com

Abstract— Routing scheme for multi-hop wireless networks based on minimization of distance for packet transmission is proposed. The proposed scheme utilizes a packet forwarding technique to route the packets even in the absence of reliable knowledge about channel statistics and network model. This scheme is shown to be optimal with respect to an expected average per packet transmission. We investigate a network routing problem where packets are transmitted within seconds to the destination.

Keywords—*packet forwarding, multi-hop wireless network, minimization of distance.*