

Energy-Efficient Multihop Routing in IoT-Assisted WSN Using Multi-Objective Sandpiper Optimization

Bhawna Garg

Assistant Professor, Department of Electronics & Communication Engineering
Hindu College of Engineering, Sonipat

Abstract: *A Wireless Sensor Network (WSN) is a loosely connected network of tiny computers that detects physical properties including vibration, humidity, and temperature. They consist of a few to hundreds of wireless sensor nodes. Most sensor networks have a sink or base station to connect them to the outside world. Sensor nodes have tiny resources. The research is to develop multi-objective clustering algorithm with Sandpiper Optimization (SPO) and incorporating a multihop routing technique, the initial step involves defining the specific optimization problem*

Keywords: WSN, Energy Optimisation, Multihop Roting

