

## LIST OF ABBREVIATIONS

AODV	-	Ad-hoc On-demand Distance Vector routing
BPS	-	Bits Per Second
BS	-	Base Station
CBR	-	Constant Bit Rate
CHs	-	Cluster Heads
CMs	-	Cluster Members
COOL	-	COMpromised nODE Locator
DC	-	Data Collector
DoS	-	Denial of Service
DSR	-	Dynamic Source Routing
ECC	-	Elliptic Curve Cryptography
EDCTE	-	Efficient Data Collection based on Trust Evaluation
EEHC	-	Energy efficient heterogeneous clustered
EEHTM	-	Energy Efficient Hierarchical Trust Management
ENTM	-	Enhance Node-based Trust Management
ESKMS	-	Efficient and Secure Key Management Scheme
FSR	-	Fisheye State Routing
GA	-	Genetic Algorithm
GASONeC	-	Genetic Algorithm-based, Self Organizing Network Clustering
GPS	-	Global Positioning System
GTMS	-	Group-based Trust Management Scheme
HEED	-	Hybrid Energy-Efficient Distribute
HMA	-	Honey-bee Mating Algorithm
HTECH		Hierarchical Trust based Efficient Cluster Head
HTM-CB	-	Hierarchical Trust Management- Cluster Based
IH	-	Interaction History
LEACH	-	Low Energy Adaptive Clustering Hierarchy
LWTC	-	Light Weight Trust
MAC	-	Medium Access Control

MANET	-	Mobile Ad-hoc Network
MS	-	Millisecond
NIs	-	Node Initiators
NS2	-	Network Simulator2
OLSR	-	Optimized Link State Routing
OTCL	-	Object oriented Tool Command Language
PDR	-	Packet Delivery Rate
PEGASIS	-	Power Efficient GATHERing in Sensor Information Systems
PLR	-	Packet Loss Rate
QoS	-	Quality of Service
RE	-	Residual Energy
RREP		Route REPLY
RREQ	-	Route REQuest
RSA	-	Ron rivest, adi Shamir, leonard Adleman
SASPKC	-	Secure Aggregation Stateful Public Key Encryption
SCNR	-	Single Cluster Node Reduction
SET	-	Secure and Efficient data Transmission
SNs		Sensor Nodes
StPKE	-	Stateful Public Key Encryption
TAGR	-	Trust Aware Geographical Routing
TBRPF	-	Topology Broadcast based on Reverse Path Forwarding
TEEHC	-	Trust based Energy Efficient scheme for Hierarchical Clustering
TEEN	-	Threshold sensitive Energy Efficient sensor Network
TEs	-	Trust Evaluators
TLEACH	-	Trust based Low Energy Adaptive Clustering Hierarchy
TMA	-	Trust Management Architecture
TMs	-	Trust Monitors
UDP	-	User Datagram Protocol
WSNs	-	Wireless Sensor Networks
WT	-	Wait Time