

A Review on IoT in Smart Cities

Naveen G¹, T. H. Likhitha², Tarun R Gowda³, Thanvi Shetty⁴, Thushar I⁵

Department of Computer Science and Engineering¹⁻⁵

(Internet of Things and Cyber Security Including Blockchain Technology)

Alvas Institute of Engineering and Technology, Mijar, Karnataka, India

Abstract: *IoT technology in smart cities represents one more step in development by adding efficiency, sustainability, and quality to urban life. This review is done on the basis of discussion related to the role of IoT in smart cities through reviewing its architecture, which ranges from a perception layer to network and application layers. Sensors in the perception layer collect information that moves through the network to the application layer for detailed analysis into insight for urban management. It also reflects on the benefits, challenges, and further prospects lying in store with this technology.*

Keywords: Internet of Things, IoT, Smart Cities, Urban Development, Sensor Networks, Data Analytics