Before proceeding further let us get an overview of the project and its theme.

Smart street lighting system uses arduino uno technology and is the superset of all the technical facets from hardware to software which includes assembling, programming and testing.

The project uses multiple IR sensors and LEDs in order to sense the surrounding movements and convert the signals.

This system plays a crucial role in creating a sustainable ecosystem for the society and many new age nations are adapting it.

Role:

Enhances safety and convenience.

Contributes to energy efficiency.