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(57) Abstract :
The present embodiment proposes an energy efficient of smart street lighting system. Most times we see that street lights remain switched ON or OFF at inappropriate times due to the negligence of the operators and the intensity of human work involved during day time. Traditional street lamp e.g. Sodium vapor, Metal halide, Incandescent, Fluoresent lamp consumes more power as compared to new advanced LED light. Streetlights can be operated free of cost by using automatic controls. In this invention, the IoT provides the real-time monitoring of the street lights and the energy Consumption with a set of components that function integratedly such as the LED light source device, a video sensing analysis means for acquiring information acquired information data processing, wireless communication module in accordance with an instruction issued by the data processing device, driver for controlling the brightness control means, video sensing analysis and a wireless network device driver apparatus for transmission of data between the LED lights and the data processing system.

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FORM 1 THE PATENTS ACT, 1970 (39 of 1970) & THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT [See sections 7,54 & 135 and rule 20(1)]	(FOR OFFICE USE ONLY) Application No.: ..... Filing Date: ..... Amount of Fee Paid: ..... CBR No.: ..... Signature: .....

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