

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 44/2021
ISSUE NO. 44/2021

शुक्रवार
FRIDAY

दिनांक: 29/10/2021
DATE: 29/10/2021

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : ELECTRICITY CONSERVING STREET LIGHT SYSTEM AND METHOD EMPLOYED THEREOF

<p>(51) International classification :F21S0008080000, H05B0047105000, B60W0030090000, H05B0047110000, C23C0016458000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)CMR College of Engineering & Technology Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India ----- 2)V. Deepak Reddy 3)M. Akash 4)Dr. G. Deva Dasu 5)Dr. P. Ravi Kumar 6)Dr. K. Suresh 7)Ch. Raja Kishore 8)P. Raveendra Babu 9)K. Soujanya 10)T. Rohini Reddy 11)M. Harshapriya Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)V. Deepak Reddy Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India ----- 2)M. Akash Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India ----- 3)Dr. G. Deva Dasu Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India ----- 4)Dr. P. Ravi Kumar Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India ----- 5)Dr. K. Suresh Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India ----- 6)Ch. Raja Kishore Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India ----- 7)P. Raveendra Babu Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India ----- 8)K. Soujanya Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India ----- 9)T. Rohini Reddy Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India ----- 10)M. Harshapriya Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India -----</p>
---	--

(57) Abstract :
Exemplary embodiments of the present disclosure are directed towards an electricity conserving street light system and method employed thereof. The system includes an ultrasonic sensor connected to the Arduino Uno, whereby the ultrasonic sensor is configured to detect the objects passing on road. The system further includes a LDR sensor connected to an Arduino Uno, whereby the LDR sensor is configured to check the intensity of surrounding light, and a relay switch connected to the Arduino Uno, whereby the relay switch is configured to detect turn on the external source interface with the light source resulting in finding the intensity of light in the surroundings by using the LDR sensor. Fig. 1

No. of Pages : 13 No. of Claims : 6