



Bio Medical Instrumentation Centre

University College of Engineering (Autonomous)

Osmania University, Hyderabad - 500007

Telangana State, India.

Ph. & Fax No : 040-27090083 url: <http://www.uceou.edu/bme/bme.html>

email: directorbmic@gmail.com



CERTIFICATE OF CALIBRATION FOR GREEN TREES LED BULB

CERTIFICATE NO:BMIC/CAL/LED/21/001

ISSUED TO: GREEN TREES ENERGY LED

ASSET NO:NIL

MODEL: GREEN TREES LED

Calibration Equipment Used

S.no	Asset No	Calibration Equipment	Manufacturer	Model No	Serial No	Cal Date	Cal Due date
1	BMIC/001	Electrical Safety Analyzer	Fluke International	ESA 615	3366066	29/12/2020	29/12/2021

Calibration Report of the Device Under Test (DUT)

ESA615 Test Results

Test Name		Value	High Limits	Status
Protective Earth Resistance		0.092 Ohm	0.2	P
Insulation Resistance	Mains to Protective Earth	999 MOhm	-	P
Mains Voltage	Live to Neutral	244.1 V	-	P
	Neutral to Earth	0.9 V	-	P
	Live to Earth	244.4 V	-	P
Equipment Current		0.0 A	-	P
Earth Leakage Current	Normal Condition	409 uA-OPEN	5000	P
	Open Neutral	693 uA-OPEN	10000	P
	Open Neutral- Reversed Mains	751 uA-OPEN	10000	P
	Normal Condition- Reversed Mains	384 uA-OPEN	5000	P
Enclosure Leakage Current	Normal Condition	0.2 uA-OPEN	100	P
	Open Earth	1.0 uA-OPEN	500	P
	Open Neutral	1.0 uA-OPEN	500	P
	Open Neutral- Reversed Mains	1.1 uA-OPEN	500	P
	Normal Condition- Reversed Mains	0.8 uA-OPEN	100	P
Open Earth- Reversed Mains	1.0 uA-OPEN	500	P	

Electrical Safety Test Passed as per IEC Standard 60601.1

Calibration Passed YES NO

Calibration Done Date: 28/8/2021

Calibration Due Date: 27/8/2022

Calibrated By:

Approved By:




DIRECTOR

BIOMEDICAL INSTRUMENTATION CENTRE,
UNIVERSITY COLLEGE OF ENGINEERING(A),
OSMANIA UNIVERSITY, HYD. 07.



DEPARTMENT OF BIOMEDICAL ENGINEERING

(Accredited by NBA)

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TELANGANA STATE, INDIA

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email: bmedept@gmail.com



Dated: 10-12-2021

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the LED bulbs manufactured by M/S GREEN TREES ENERGY LED are very efficient and effectively providing UV (Ultra Violet) light with sufficient intensity. This UV light and other related equipment from the company can be used to eradicate air borne viruses including Corona / Omicron and other bacteria. These LED bulbs are free from high energy electromagnetic radiation and are not harmful to human beings.

HEAD

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CERTIFICATE

This is to certify that, the solution provided by M/S. GTEL Solutions, Hyderabad for the treatment of various common and life threatening ailments by using different light wavelengths is proven scientifically. Various research groups across the world worked on this aspect and well documented their results, in indexed journals. Several instruments are coming into market by using these principles by industries from other countries.

The equipment provided by M/S. GTEL Solutions, Hyderabad is tested in our laboratory and found that no harmful side effects, for the persons using and handling the equipment.

[Signature]
Tel. in charge

[Signature]

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