



SANSKRITHI SCHOOL OF ENGINEERING

Behind SSSS Hospital, Beedupalli knowledge park, Prasanthigram, Puttaparthi - 515134
Affiliated by JNTUA & Approved by All India Council for Technical Education (AICTE), www.sseptp.org

Implementation of Sensor-Based Lighting Systems for Enhanced Efficiency

Efficient lighting is a crucial aspect of reducing energy consumption in various areas such as halls and lounges. Continuously illuminated lights in these spaces throughout the night not only result in significant electrical energy consumption but also contribute to the premature aging of equipment. To address these concerns and compensate for diminishing energy resources, it is imperative to prioritize energy-saving measures.

At Sanskrithi School of Engineering (SSE), sensor-based lighting systems have been implemented in these areas to enhance efficiency and minimize unnecessary energy usage. These sensor-based lights are designed to detect occupancy and automatically adjust lighting levels based on the presence or absence of individuals in the vicinity. By utilizing sensors, the lighting systems intelligently respond to the real-time occupancy status, ensuring that lights are only activated when required and automatically dim or switch off when no people are present.

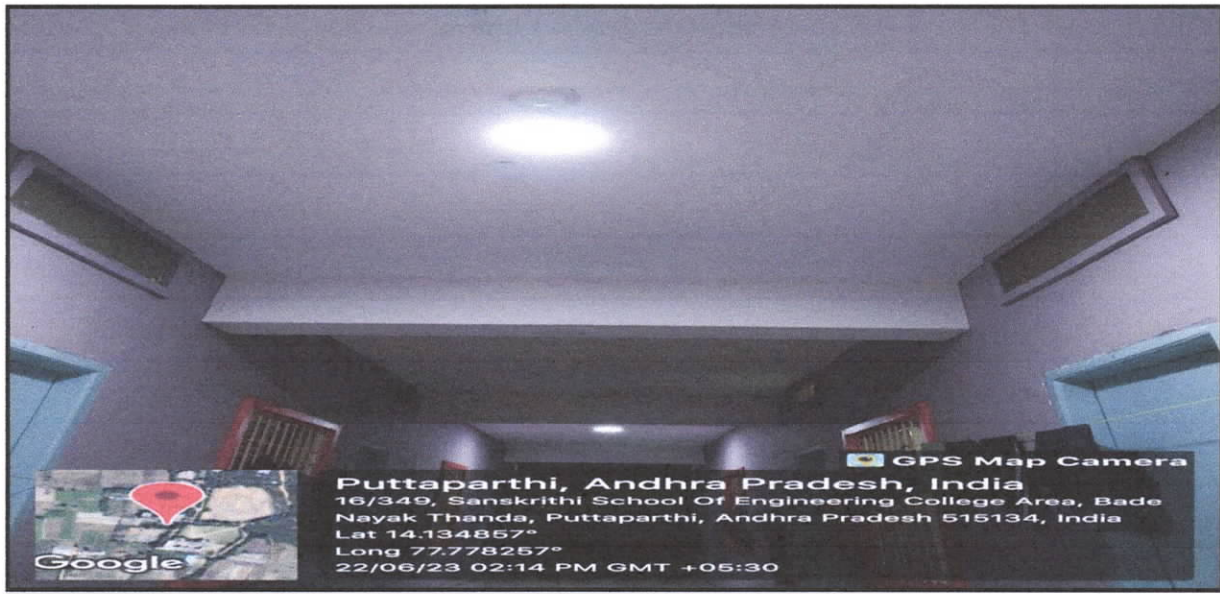


Fig: Sensor based lightning system in SSE



[Handwritten Signature]
Principal

Sanskriti School of Engineering
Beedupalli Road, Prasanthingram,
PUTTAPARTHI - 515 134.
Anantapuramu (Dt) A.P.

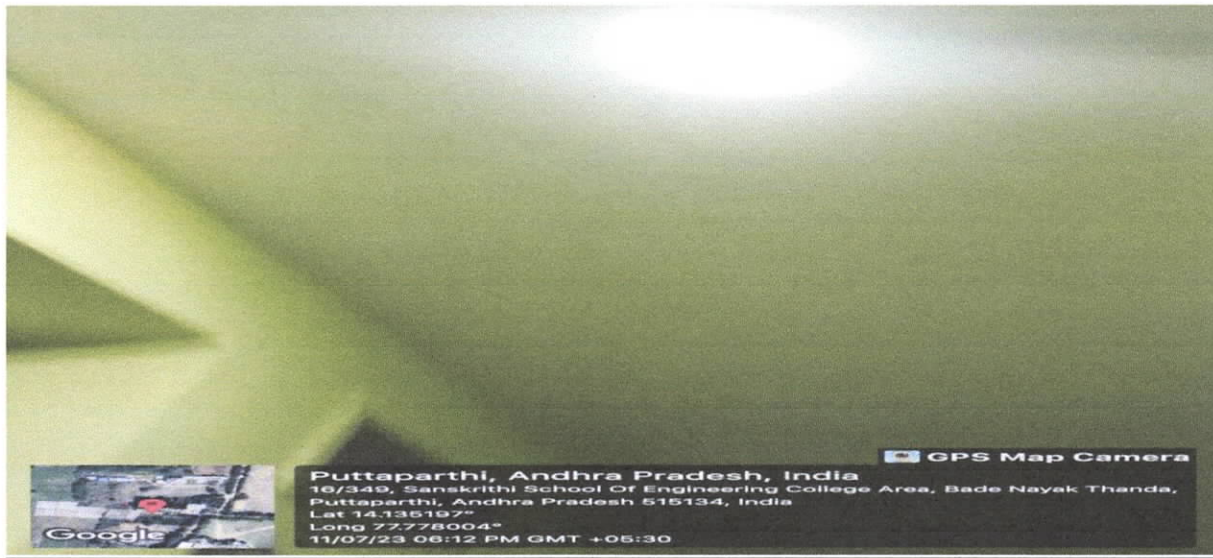


Fig: Sensor based lightning system in SSE

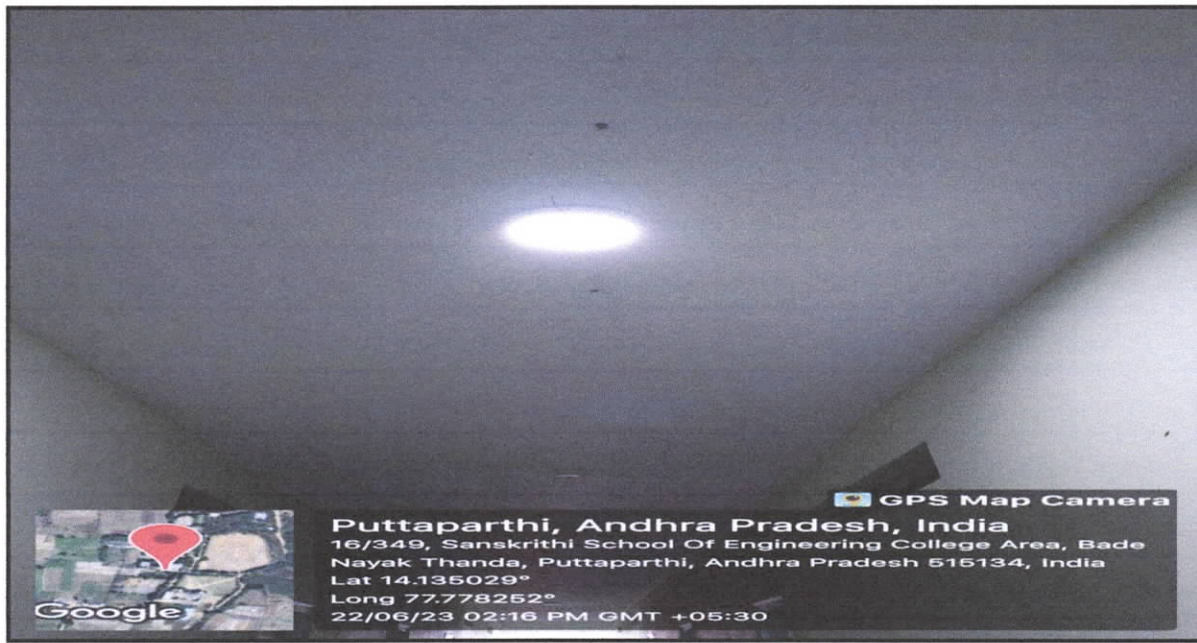


Fig: Sensor based lightning system in SSE

[Click for Video-1](#)

[Click for Video-2](#)



A. Santosh K
Principal
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Arantapuramu (Dt) A.P.

TAX INVOICE

VIGNESH ELECTRICALS # K-133, DR. RAJKUMAR ROAD RAJAJINAGAR, BANGALORE - 560010 GSTIN/UIN: 29ALSPG6385P1ZX State Name : Karnataka, Code : 29 E-Mail : vigneshlectricals10@gmail.com	Invoice No.	Dated
	VE/2022-23/0137	19-Sep-2022
Consignee Sanskriti School of Engineering Puttaparthi, 515134 State Name : Karnataka, Code : 29	Delivery Note	Mode/Terms of Payment
		Credit
Buyer (if other than consignee) Sanskriti School of Engineering Puttaparthi, 515134 State Name : Andhra Pradesh, Code : 37	Supplier's Ref.	Other Reference(s)
	137	
	Buyer's Order No.	Dated
	Despatch Document No.	Delivery Note Date
	Despatched through	Destination
Terms of Delivery		

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	Kolors IR Sensor 360 Dceiling Mount (Surface Type)	8541	50 NOS	680.00	NOS		34,000.00
2	Luker Led Surface Panel 18W WH	940542	50 NOS	594.00	NOS		29,700.00
3	Polycab 10 Sq mm X 4 Core Alu Cable	8544	80 NOS	102.00	NOS		8,160.00
4	LUKER LED BATTON 20W	9405	60 NOS	158.00	NOS		9,480.00
							81,340.00
Less: OUTPUT IGST@18% ROUND OFF							14,641.20 (-0.20)
Total			240 NOS				₹ 95,981.00

Amount Chargeable (in words) E. & O.E
INR Ninety Five Thousand Nine Hundred Eighty One Only

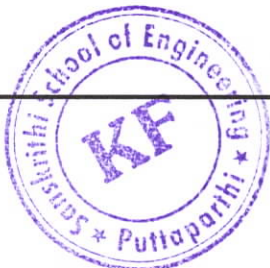
HSN/SAC	Taxable Value	Integrated Tax		Total Tax Amount
		Rate	Amount	
8541	34,000.00	18%	6,120.00	6,120.00
940542	29,700.00	18%	5,346.00	5,346.00
8544	8,160.00	18%	1,468.80	1,468.80
9405	9,480.00	18%	1,706.40	1,706.40
Total	81,340.00		14,641.20	14,641.20

Tax Amount (in words) : **INR Fourteen Thousand Six Hundred Forty One and Twenty paise Only**

Company's PAN : ALSPG6385P	Company's Bank Details Bank Name : Canara Bank OD
Declaration	A/c No. & IFS Code : 0402261030187 Branch : Avenue Road, Bangalore & CNRB0000402
1) Goods Once Sold Can not be taken back or exchanged, 2. We are not Responsible for any breakage or shortage in transit, 3.Payment only charged draft/cheque/cash receipt, 4. Interest at 24% P.A will be charged for bills remaining unpaid	for VIGNESH ELECTRICALS Authorized Signatory

This is a Computer Generated Invoice

Purchase Bills for sensor based lightning system




Principal
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