



GIET SCHOOL OF PHARMACY

(SRI KOUNDINYA EDUCATIONAL SOCIETY)

(Affiliated to Andhra University, Approved by AICTE & PCI)

NH-16, Chaitanya Knowledge City, RAJAMAHENDRAVARAM - 533 296. E.G.District., (A.P.)

Tel : 0883 - 2484444, E-mail : gietpharmacy@gmail.com, Website : www.gietpharmacy.in

7.1.2 ALTERNATIVE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

The improvements, retrofits, repairs, and replacements institutions can make to increase their energy efficiency are energy conservation measures.

These actions enable companies to replace outdated, out-of-date equipment, lowering operating costs while enhancing operations.

Energy conservation measures

ECMs, are pluralistic and therefore imply a combination of several ECM initiatives to reduce energy consumption across an entire facility or building.

An energy conservation measure, or ECM for short, is a single initiative undertaken to reduce the energy consumption of a specific piece of equipment or a certain aspect of essential building services.

Energy is a general term that generally refers to the consumption of electricity, gas, or water; energy conservation and energy efficiency are terms that are frequently used interchangeably because increased energy efficiency also translates to lower energy consumption.

We now understand that alternative energy sources are any sources we use in addition to, or even in place of, conventional energy sources for the purpose of generating electricity.

Almost the same thing could be said about renewable energy sources. However, there is a small distinction between the two. The definition of alternative energy sources includes all renewable energy sources, but it doesn't work the other way around.

This is so because sources of renewable energy such as the sun, wind, and water are derived from naturally replenished sources or processes of Earth. Since they are continuously renewed naturally, unlike fossil fuels, we refer to these resources as renewable or sustainable (as in sustainable energy).

There may, however, be non-renewable alternative energy sources that are exhaustible and non-renewable.



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Our college has initiated the following measures to conserve energy

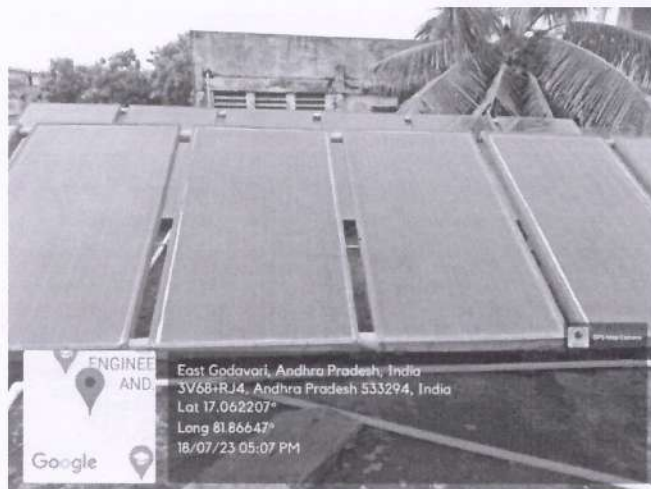
- ✓ Solar panels are used to capture solar energy.
- ✓ Use of Light Emitting Diode (LED) / Power Efficient Equipment.
- ✓ Sensor-based energy conservation.
- ✓ Wheeling to the Grid Units are being Maintained in different blocks of the College.
- ✓ Expenditure - Representative Bills.

On the roofs of the college boys' and girls' hostels at our institution, solar panels have been installed. These solar panels ensure that some college facilities are powered partially by solar energy, which conserves electricity.

Our college has made a conscious effort over the past few years to replace outdated lighting with LED bulbs because they have been shown to be comparatively more energy efficient.

Additionally, the administration of the college has strictly ordered all teachers, students, office assistants, and other stakeholders to ensure that all lights, fans, and motors are turned off after college hour.

SOLAR PANELS





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ISO 9001:2015 Certified Institution

SOLARPANELS




Dr. M.D. DHANA RAJU
M.Pharm. (P.D.)
Principal
GIET SCHOOL OF PHARMACY
NH-16, Chaitanya Knowledge City
RAJAMAHENDRAVARAM-533 296 (AP)



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CAMPUS PATHWAY, LIGHTING WITH LED BULBS



Dr. M.D.DHANA RAJU
Principal M.Pharm., Ph.D.
GIET SCHOOL OF PHARMACY
IH-16, Chaitanya Knowledge City
RAJAMAHENDRAVARAM-533 296 (AP)



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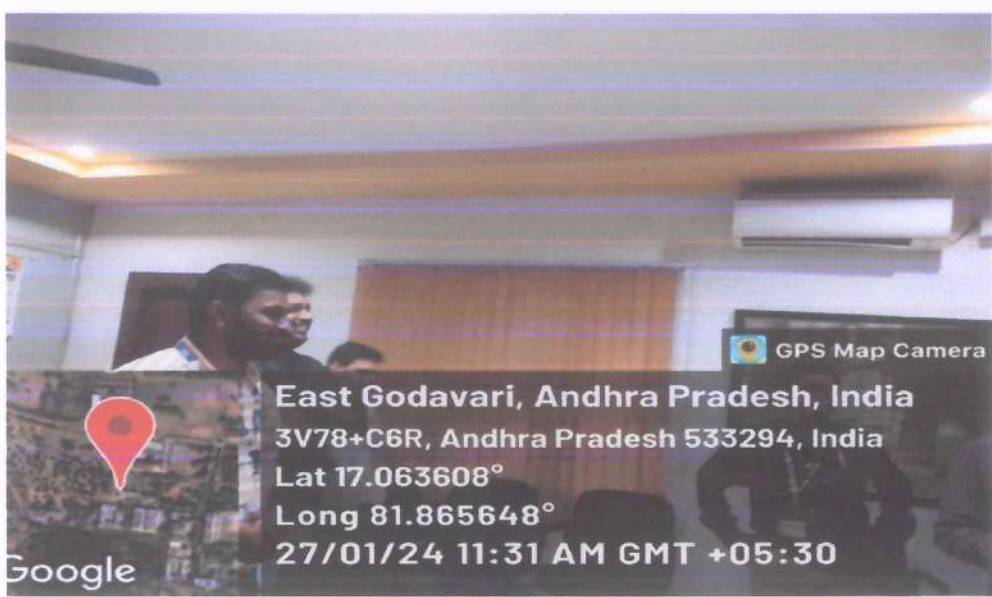
Tel 0883 - 2484444, E-mail: gietpharmacy@gmail.com, Website: www.gietpharmacy.in

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SEMINAR HALL LIGHTENING WITH LED BULBS



OFFICE ROOM WITH LED BULBS



Dr. M.D.DHANA RAJU
Principal M.Pharm., Ph.D
GIET SCHOOL OF PHARMACY
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM-533 296 (AP)



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Invoices of LED Bulbs



Navdurga Electricals Py 22 23
 # Floor, Plot No. 4 - 7, Krishna Nagar, Bhubaneswar
 751005, Odisha, India. Phone: 9439000000
 Email: info@navdurga.com

Tax Invoice

Invoice No. **NE/21 23/178** / 121496/23025-4
 Date: **4 Jul 22**

Customer Name: **GIET COLLEGE**
 Address: **DIVAN, HE RUMU, RAJAHMUNDRY**
 State: **Andhra Pradesh**, Code: **37**

Buyer's Order No.: **GIET**

Dispatch Date: **4 Jul 22**

Consolidated through: **GIET**

Van: **GEVANSHERAMA**
 Bill of Lading / B/R No.: **A05T77495**

Terms of Delivery: **NEFT**

PERSONAL PARTICULARS

Mode/Terms of Payment: **NEFT**

Other References:

S. No.	Description of Goods	HSN/SAC	Rate	Quantity	Rate	per	Amount
1	Crompton High Speed 1200mm Ceiling Fan Ivory	8414	18 %	100 NOS	2,100.00	1,779.66 NOS	1,77,966.00
2	Orient Led Fitting 20w	9405	18 %	100 pcs	217.91	177.97 pcs	17,797.00
3	Non Cap Capacitor 27 x 52	8532	18 %	100 NOS	30.00	25.42 NOS	2,542.00
4	CAPACITOR 50 UF	8532	18 %	35 NOS	245.99	211.95 NOS	7,415.10
5	50 MFD CAPACITOR	8532	18 %	12 NOS	350.00	296.61 NOS	3,559.32
6	Capacitor 15 Mfd	8532	18 %	20 pcs	175.01	148.31 pcs	2,966.20
7	Deluxe Plug Top 6s	8536	18 %	20 NOS	45.01	38.14 NOS	762.80
8	Deluxe plug top 16s	8536	18 %	20 NOS	70.00	59.32 NOS	1,186.40
9	Pvc Electrical Insulated Tape Goldmedal	8546	18 %	50 NOS	8.50	7.20 NOS	360.00
10	S/c 7/0.04(100yds)7/18 Allumin	8544	18 %	1.00 NOS	1,000.00	847.46 NOS	847.46
FREIGHT CHARGES							2,15,402.28
CGST							19,386.21
SGST							19,386.21
Round Off (+/-)							0.30
Total							₹ 2,54,175.00

Amount Chargeable (in words) **INR Two Lakh Fifty Four Thousand One Hundred Seventy Five Only**

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
8414	1,77,966.00	9%	16,016.94	9%	16,016.94	32,033.88
9405	17,797.00	9%	1,601.73	9%	1,601.73	3,203.46
8532	16,482.62	9%	1,483.44	9%	1,483.44	2,966.88
8536	1,945.20	9%	175.43	9%	175.43	350.86
8546	360.00	9%	32.40	9%	32.40	64.80
8544	847.46	9%	76.27	9%	76.27	152.54
Total	2,15,402.28		19,386.21		19,386.21	38,772.42

Tax Amount (in words) : **INR Thirty Eight Thousand Seven Hundred Seventy Two and Forty Two paise Only**

Company's PAN: **NIGP5808N**

Declaration:

- This invoice shows actual price of goods and all particulars are true and correct.
- Goods is received in good condition.
- Interest @24% p.a will be charged extra on overdue payment as per MSMED ACT, 2018.
- GOODS once SOLD WILL NOT BE TAKEN BACK.

Company's Bank Details:

A/c Holder's Name: **Navdurga Electricals Py 20-21**

Bank Name: **Sbi Bank a/m 39685671776**

A/c No: **39685671776**

Branch & IFS Code: **RAJAHMUNDRY & SBIN0010025**

for Navdurga Electricals Py 22-23

Jr. M.D. DHANA RAJU

SUBJECT TO RAJAMAHENDRAVARAM JURISDICTION M.Pharm. Ph

This is a Computer Generated Invoice

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Tel : 0883 - 2484444, E-mail : gietcharmacy@gmail.com, Website : www.gietpharmacy.in

Navdurga Electricals Fy 22-23
 # Door No.35-2-17 Golla Vani Street
 Opp Hotel Ratna Palace, Main Road
 Rajahmundry, E.G.D. A.P.
 532101
 Phone: 9177652448 9999150750
 GSTIN/UIN: 37NIGPS680N174
 State Name: Andhra Pradesh, Code: 37
 Shop No.:

GIET COLLAGE
 DIVANCHERUVU RAJAHMUNDRY
 State Name: Andhra Pradesh, Code: 37
 Rated To:

GIET COLLAGE
 DIVANCHERUVU RAJAHMUNDRY
 State Name: Andhra Pradesh, Code: 37

Tax Invoice

(ORIGINAL FOR RECIPIENT)

Invoice No. **NE/21-22/223** / 18196818379 Dated: **28-Jul-22** ✓
 Delivery Note Mode/Terms of Payment

Reference No. & Date Other References

Buyer's Order No. Dated

Dispatch Order No. Delivery Note Date

Dispatched through **Self** Destination

Terms of Delivery

S/No	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate (Incl of Tax)	Rate - per	Tax %	Amount
1	Lyfe 10a 1way Switch Wht (101)	8536	18%	180.00	15.50	13.98	pcs	2,236.80
2	Lyfe 6amp 2in1 Sooket (Wht)(117)	8536	18%	60.00	50.00	42.37	NOS	2,542.20
3	Crompton High Speed 1200mm Ceiling Fan-Ivory	8414	18%	8.00	2,150.00	1,822.03	NOS	14,576.24
	F R 22x0.3 (90 Mtr) 1.6 Copper Wire	8544	18%	3.00	3,000.00	2,542.37	NOS	7,827.11
	<i>Finolex 180 Mtr 3 Coil</i>							
5	Fr 320.2(180mtr) 1.0 Copper Wires	8544	18%	3.00	2,050.00	1,737.29	NOS	5,211.87
	<i>Finolex 1.0 Sq 180 Mtr 3 Coil</i>							
6	Led Downlight 12w UL Glow	9405	18%	18.00	680.00	576.27	pcs	10,372.86
7	18mm Pvc Pipes	3917	18%	50.00	40.00	33.90	NOS	1,695.00
8	12m Glow Plate	8536	18%	2.00	165.00	139.83	NOS	279.66
9	Lyfe 10a 1way Switch Wht (101)	8536	18%	25.00	16.50	13.98	pcs	348.50
10	6m Glow Plate	8536	18%	1.00	95.00	80.51	NOS	80.51
11	20 Amp Atlantic Mcb S/p	8536	18%	20.00	95.00	80.51	NOS	1,610.20
12	63 Amp Atlantic Isolator D/p	8536	18%	1.00	350.00	296.61	NOS	296.61
13	63 Amp Atlantic Isolator F/p	8536	18%	1.00	550.00	466.10	NOS	466.10
14	32 Amp Atlantic Mcb Trip	8536	18%	2.00	850.00	720.34	pcs	1,440.68
15	3" R.Plate Paras	3925	18%	100.00	1.99	1.69	pcs	169.00
	<i>34 Tee</i>							
16	Pvc Tape 8 Mtr	3919	18%	30.00	8.50	7.20	NOS	216.00
17	25 mm Pvc Pipes	3917	18%	100.00	55.00	46.61	NOS	4,661.00
18	25mm Gi Deluxe Saddles (Sp)	7307	18%	2.00	375.00	317.80	Box	635.60
	<i>300 Pc</i>							
	Ta Dbs4 Diamond Cutting Blade	8205	18%	10.00	140.00	118.64	NOS	1,186.40
	<i>Screw 4 Bx</i>							
20	Marshal Grip 10 mm Wire Clip(Jlo)	3917	18%	6.00	25.41	21.53	PKTS	129.18
	<i>Grippers</i>							

CGST 55,782.52
 SGST 5,020.44
 Round Off (+/-) 5,020.44
 Less (-) 10.40
Total ₹ 65,823.00
 E & O.E

The Sealed amount for search here for new G.C. Comp. Lab

Amount Chargeable (in words) **INR Sixty Five Thousand Eight Hundred Twenty Three Only**

Company's PAN: **NIGPS680N**

Declaration: 1. This invoice shows actual price of goods and all charges are true and correct. 2. Goods is received in good condition. 3. Interest @24% p.a will be charged extra on overdue payment as per MSMED ACT, 2016. 4. GOODS ONCE SOLD WILL NOT BE TAKEN BACK.

Company's Bank Details: A/c Holder's Name: **Navdurga Electricals Fy 20-21**, Bank Name: **Sbi Bank a/n 39685671776**, A/c No: **39685671776**, Branch & IFS Code: **RAJAHMUNDRY & SBIN0021002** for Navdurga Electricals Fy 22-23

SUBJECT TO RAJAMAHENDRAVARAM JURISDICTION

before & after used at APPSD LAB



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Navdurga Electricals Fy 22-23
 # Block No 30, 31, 32, Latha Mari Street
 One Hotel Rains Palace, Main Road
 Rajahmundry E.G. Dist. A.P.
 533101
 Phno. 9177854848 9866603608
 GSTIN/UIN: 37NIGP8680N1Z4
 State Name: Andhra Pradesh, Code: 37
 Contact: 9866603608 9177854848
 Fax: Harshvishay773@gmail.com
 Buyer:

GIET COLLEGE
 DIVANCHERU(VU), RAJAHMUNDRY
 State Name: Andhra Pradesh, Code: 37

Tax Invoice

Invoice No: NE/21-22046
 e-Way Bill No: 121444868196
 Date: 22-Apr-22
 Delivery Note: Mode/Terms of Payment

Reference No. & Date: Other References

Buyer's Order No: Dated:

Dispatch Date: No: Delivery Note Date

Dispatched through: Destination

Self: Giet

Terms of Delivery:

Sl No	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate (Incl of Tax)	Rate per	Amount
1	24W 16pc 45 W 10pc Sturlite Street Light Panasonic 24w -16 Pc Panasonic 45w -10 Pc	9405	12%	26 NOS	800.00	714.29 NOS	35,714.50
2	Metal Gang Box -12 Module 72w Led Street Light Choke	8538	18%	15.00 NOS	220.00	186.44 NOS	2,796.60
3	Step Marker Single Phase Preventers	9405	12%	15.00 pcs	450.00	401.79 pcs	5,025.85
4	S-Fit 30w Sturlite Surface Down Light	9405	12%	4.00 NOS	900.00	803.57 NOS	3,214.28
							47,752.23
							CGST 2,949.03
							SGST 2,949.03
Less Round Off (+/-)							(-).0.29
							53,650.97

Amount Chargeable (in words) **INR Fifty Three Thousand Six Hundred Fifty Only** E & O E

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
9405	44,955.63	6%	2,697.34	6%	2,697.34	5,394.68
8538	2,796.60	9%	251.89	9%	251.89	503.78
Total	47,752.23		2,949.03		2,949.03	5,898.06

Tax Amount (in words) : **INR Five Thousand Eight Hundred Ninety Eight and Six paise Only**

Company's PAN : NIGP8680N

Company's Bank Details
 A/c Holder's Name: Navdurga Electricals Fy 20-21
 Bank Name: Sbi Bank s/n 39686671776
 A/c No: 39686671776
 Branch & IFS Code: RAJAHMUNDRY & SBIN0021002
 for Navdurga Electricals Fy 22-23

Declaration
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 4. GOODS once SOLD WILL NOT BE TAKEN BACK.

Pr. M.D. DHANA RAJU, Authorized Signatory

SUBJECT TO RAJAMAHENDRAVARAM JURISDICTION IN Pharm.. Ph.
 GIET SCHOOL OF PHARMACY.
 This is a Computer Generated Invoice
 44 B, Chaitanya Knowledge City, Rajamahendravaram, E.G. District, Andhra Pradesh.



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WHEELING TO THE GRID



SENSOR-BASED ENERGY CONSERVATION FACILITY



Dr. M.D.DHANA RAJU
M.Pharm., Ph.D
Principal
GIET SCHOOL OF PHARMACY
IH-16, Chaitanya Knowledge City
RAJAMAHENDRAVARAM-533 296 (AP)



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Invoice for UPS

Invoice No: CS	Invoice Date: 05/4/2022	Reversal Charge (Y/N):	State: Andhra Pradesh	Code: 37	Place of Supply: Rajamahendravaram	CASH <input type="checkbox"/> CREDIT <input checked="" type="checkbox"/>	
Billed and Supplied to:		Name: M/S GIET PHARMACY					
Address:		Address: Rajamahendravaram					
GST /AADHAR No:		State:		Code:			
Sl No	DESCRIPTION	HSN / SAC	QTY	RATE	AMOUNT	Rs.	Pcs.
01	5KVA/120VDC on-line UPS System DSP Techno logy Transformer Delign (ALL-TECH)	8504	01	50,847	50,847	46	
02	10KVA/192VDC on-line UPS System DSP Technology Transformer Delign (ALL-TECH)	8504	01	70,538	70,538	78	
Bank Details: CENTURY ENERGY SYSTEMS INDIAN BANK A.C No: 6567475386, IFS Code: IDIB000G053 Patnam Bazar, Guntur - J.					TOTAL AMOUNT BEFORE TAX		1,21,866.44
					Add: CGST 9%		10,906.78
					Add: SGST 9%		10,906.78
Total Invoice Amount in Words One Lakh forty three thousand					Add: IGST		
					Round Figure (+/-)		
TERMS & CONDITIONS: To be read on the back of this invoice					TOTAL INVOICE AMOUNT		1,43,680.00