



# **ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES**

# 30 KW HEG System – Green NHCE

## Renewable Sources of Energies for Electricity Generation - HEG = 30 KW

The initiative is part of the 'Go Green' program of the Institute which is in line with the Government of India regulations. The 30kW Hybrid Integrated windmill power Generating Unit and solar photovoltaic system was set up at Sardar Vallabhbhai Patel block. The energy generated can be used in the operation and functioning of basic amenities such as lights and fans, across all the departments.

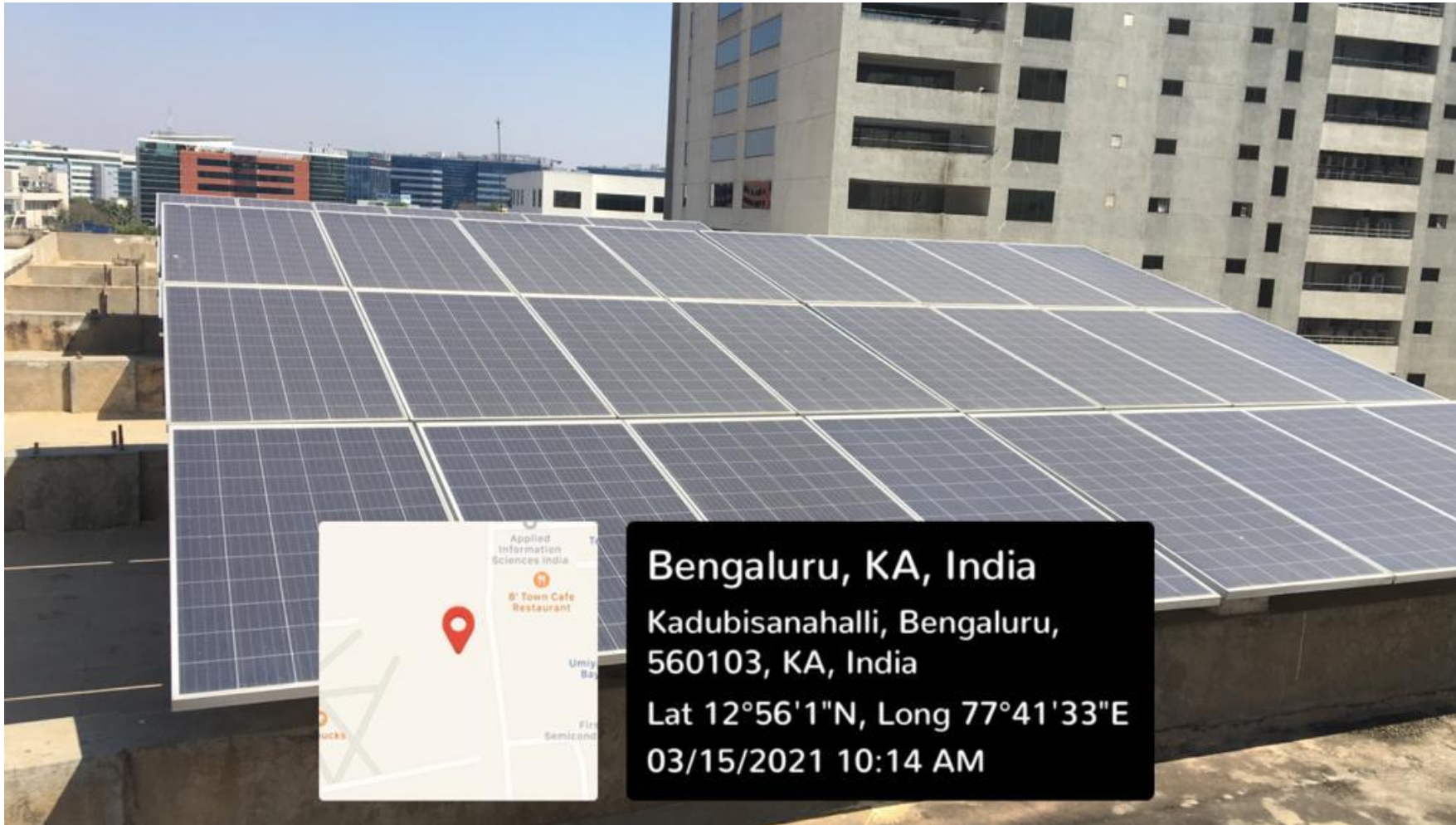


30kW SOLAR PV SYSTEM

30kW SOLAR PV SYSTEM

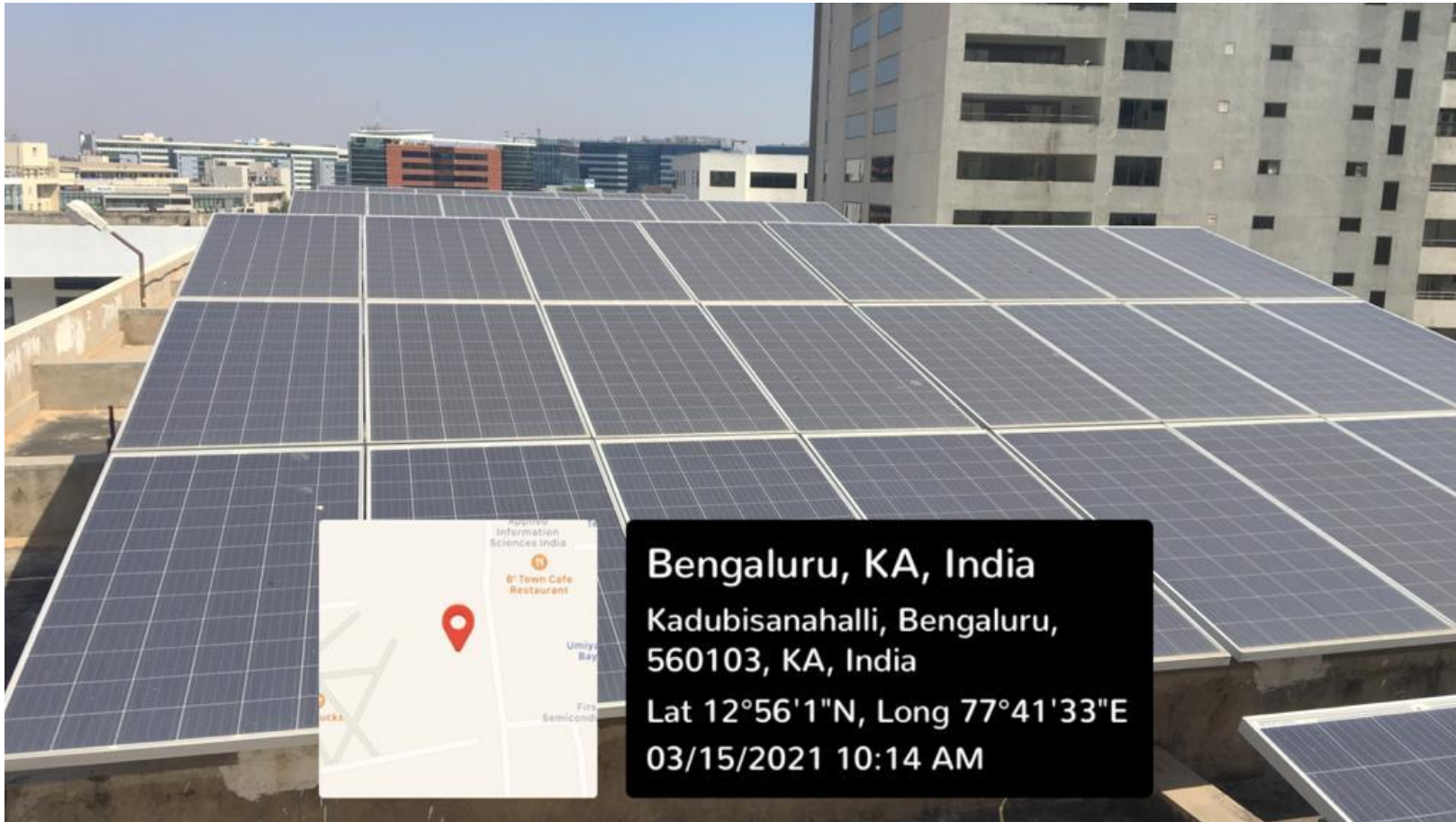


# SOLAR ENERGY



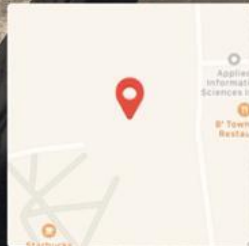


# SOLAR ENERGY



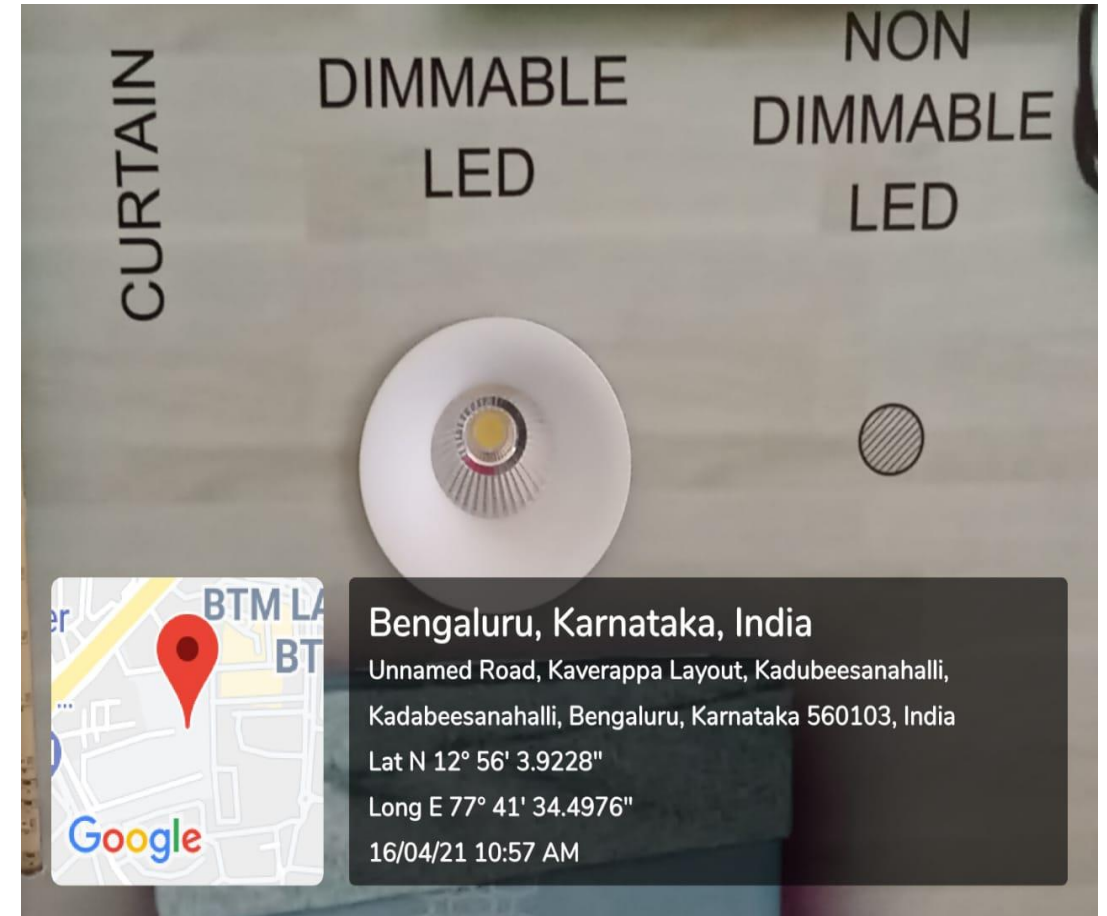


# WIND ENERGY



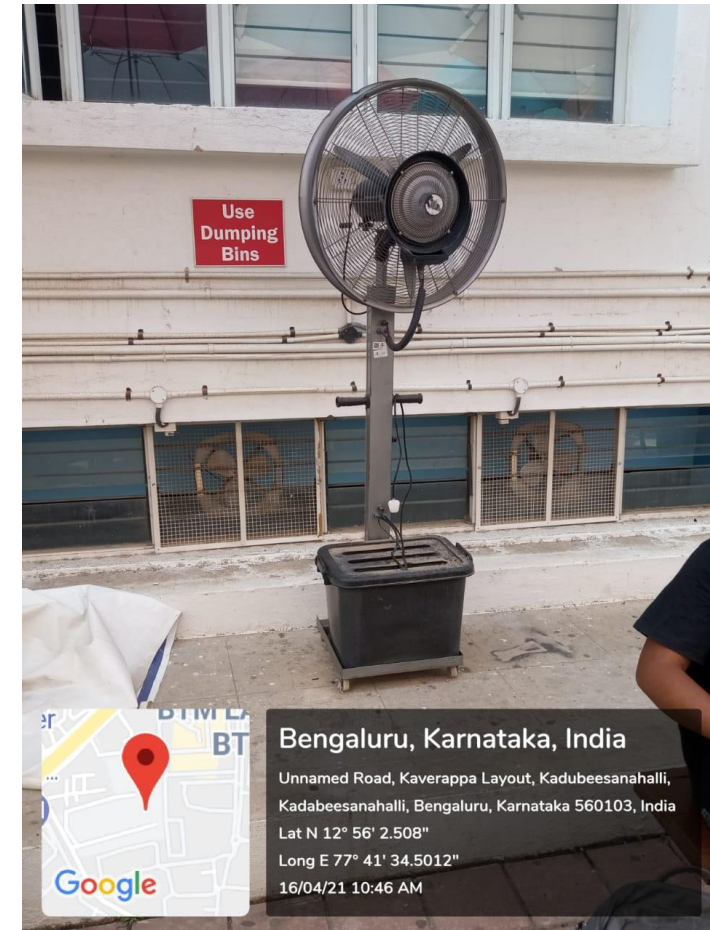
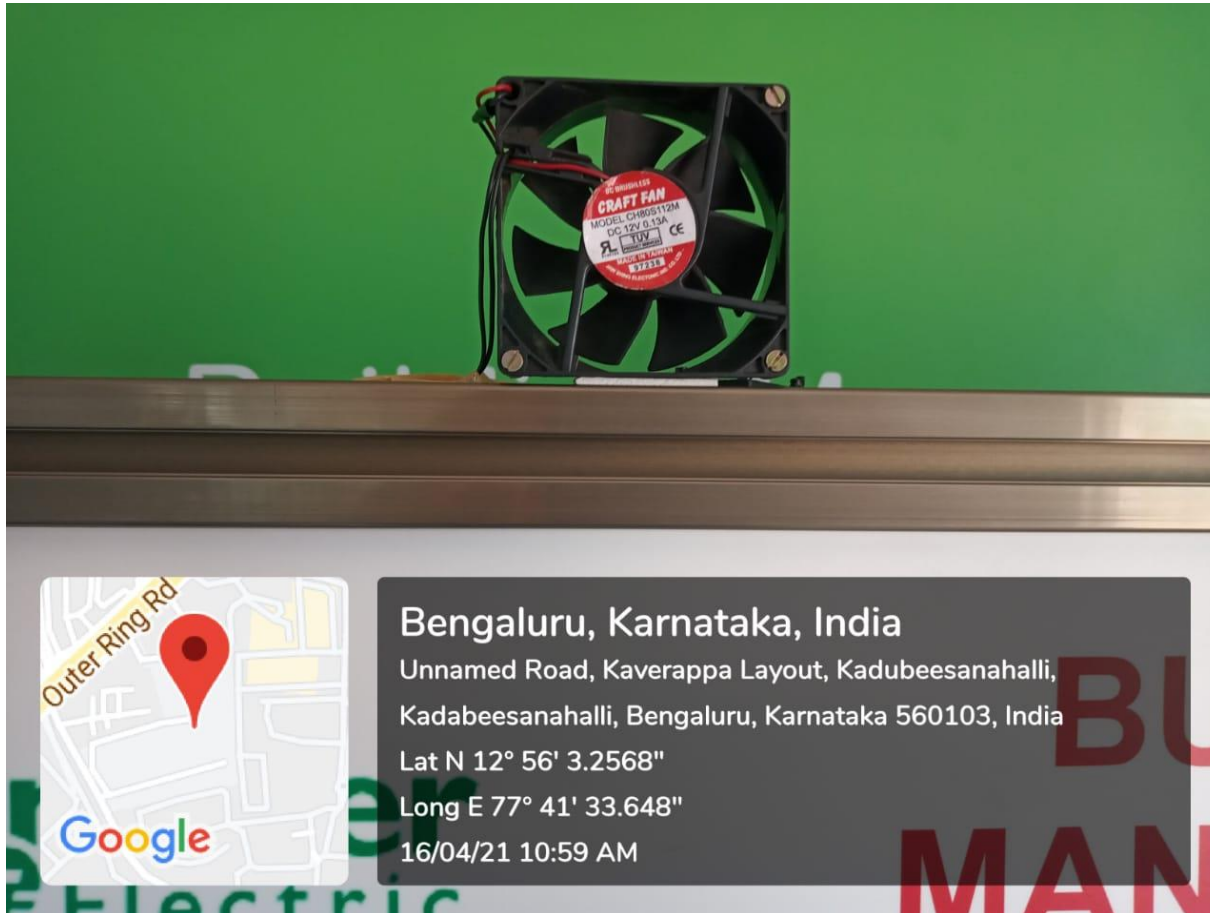
Bengaluru, KA, India  
Kadubisanahalli, Bengaluru,  
560103, KA, India  
Lat 12°56'1"N, Long 77°41'33"E  
03/15/2021 10:16 AM

# Use of LED bulbs /power efficient equipment

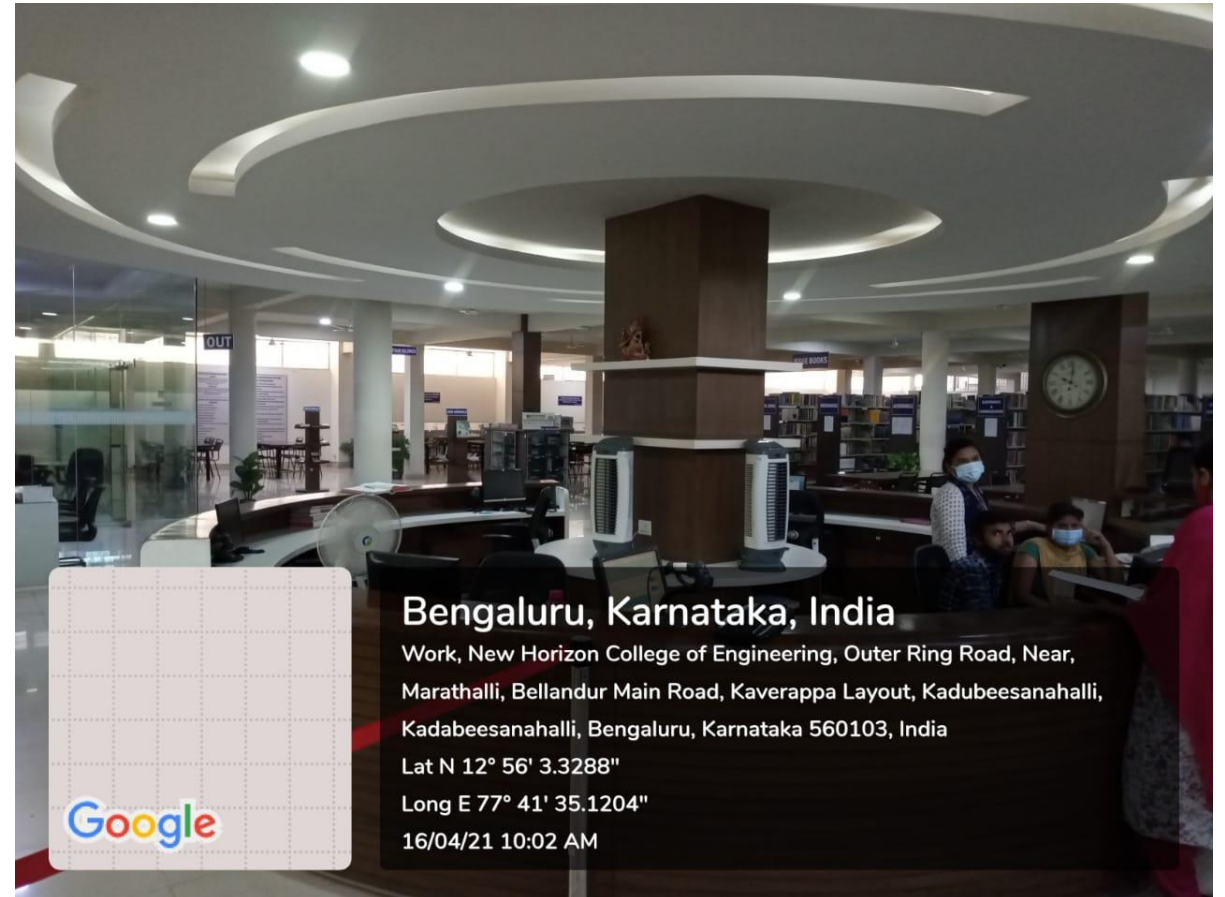
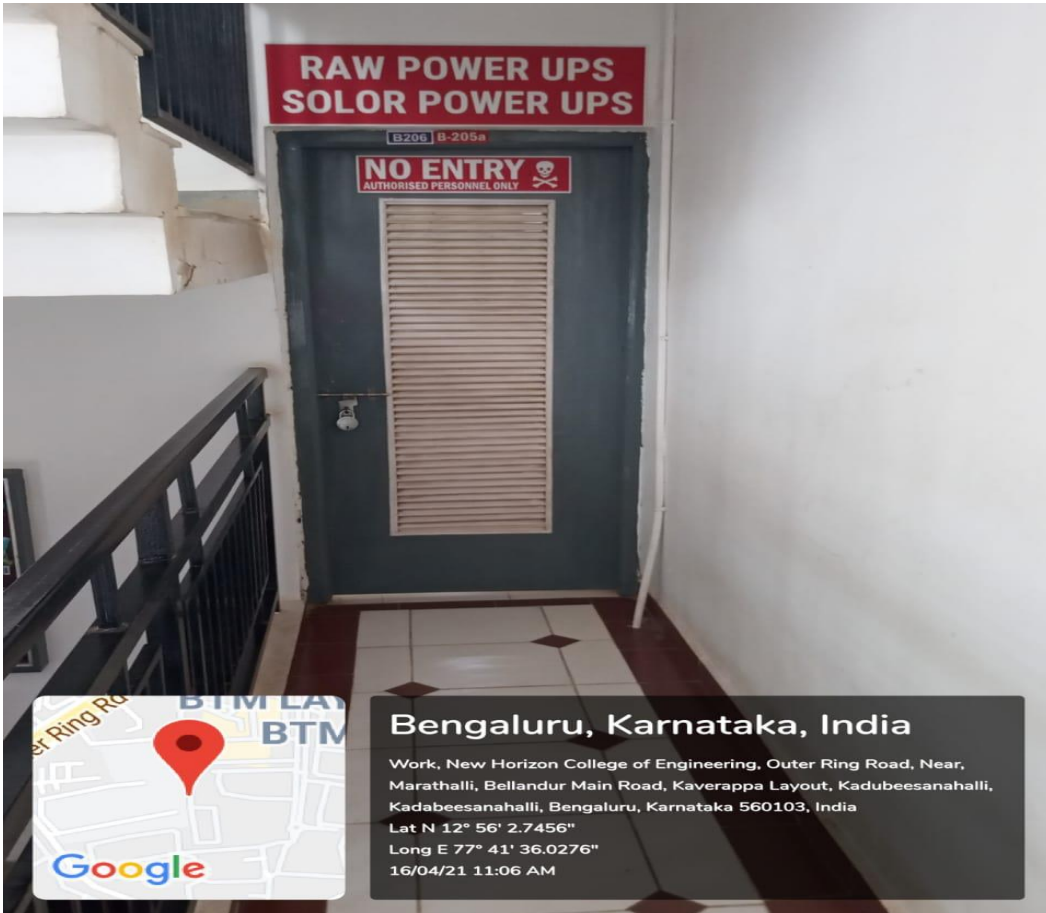




# Use of LED bulbs /power efficient equipment



# Use of LED bulbs /power efficient equipment



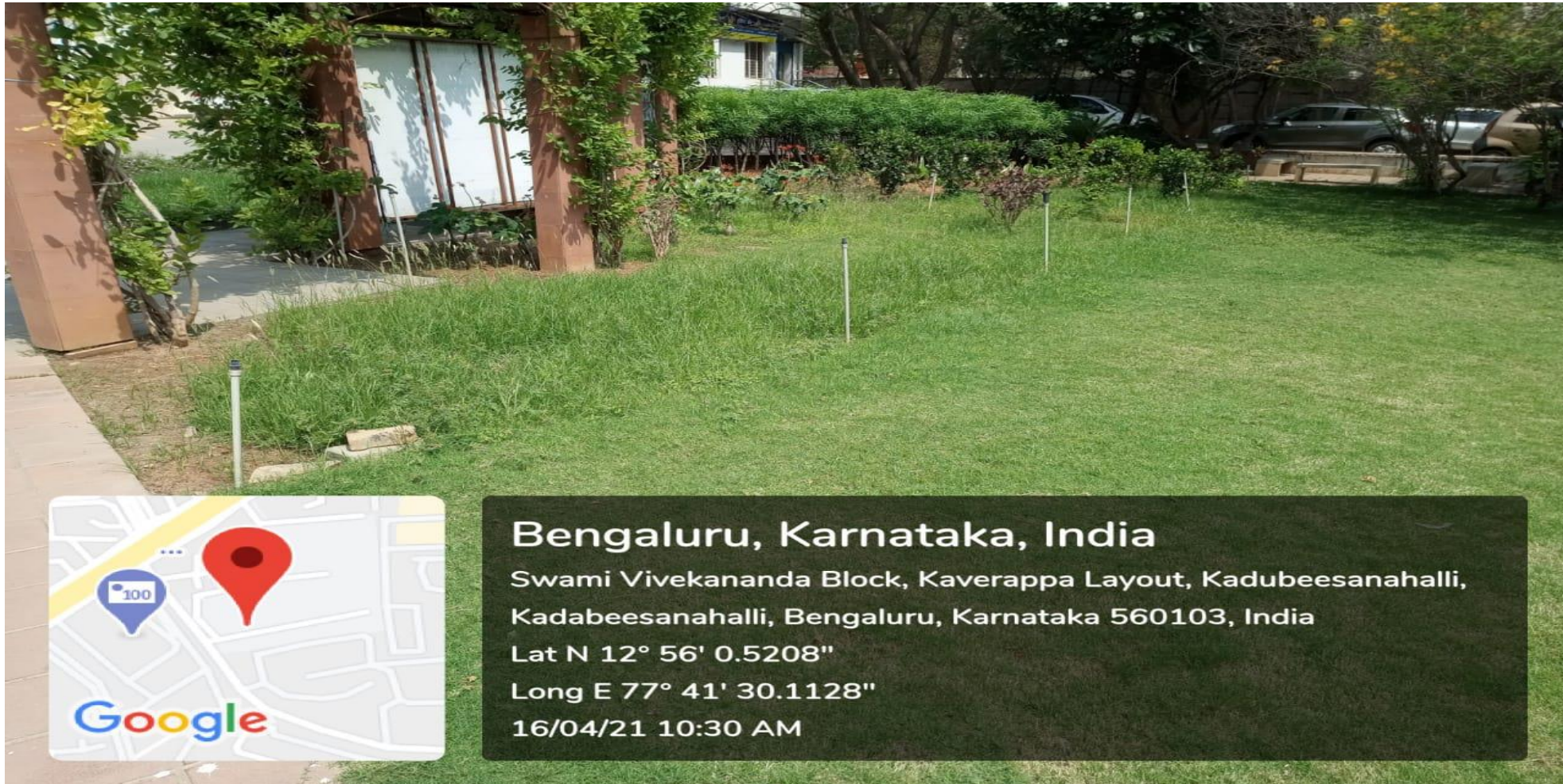


# SENSOR BASED ENERGY CONSERVATION





# SENSOR BASED WATER SPRINKLING SYSTEM





TAX INVOICE

**Vinayaka Energy Tek**

Generating Clean Energy

NO-40 F-2, 1ST CROSS, ODK INDUSTRIAL AREA, WHITE FIELD ROAD, MAHADEVAPURA, BANGALORE  
560048. MOB NO -, 9243044893 E-mail: vinayakaenergytek@gmail.com

GSTIN : 29AAIFV0602P1ZS		HSN CODE: 85			
New Horizon College of Engineering Bellandur main road , Near Marathalli , Kaverappa layout , Kadubeesanahalli , Bellandur , Bengaluru , Karnataka - 560103 Mob: 8123483403		INVOICE NO : VET/ 47/19-20 DATE - 18/03/2020			
P.O NO: NHCE/PO		DATE: 31/12/2020			
Party GST No: N A		Vehicle No:			
Dispatched by: ROAD		Date:- 18/03/2020			
Sl No	Type Description	Qty/Unit	Rate	Amount. Rs.	Ps
1)	1 KW WINDMILL COMPLETE SET Consisting of 3 nos FRP blades, PM Alternator, Swivelling arrangement and Passive Tail Vane complete set.	1 SET	86000/-	86000/-	
2)	Lattice tubular 6mtrs height			2150/-	
	SGST@2.5%			2150/-	
	CGST@2.5%				
TOTAL VALUE				90300/-	
Rupees:- Ninety thousand three hundred only.					
For VINAYAKA ENERGY TEK					
<b>Terms &amp; Conditions</b> 1. Goods once sold cannot be taken back or exchanged 2. Delayed payments attract 18 % interest PA 3. Subject to Bangalore jurisdiction.					



MN

50%  
Pending  
to be Paid



# Vinayaka Energy Tek

VET

Generating Clean Energy

NO-40/1-2, 1ST CROSS, DDK INDUSTRIAL AREA, WHITE FIELD ROAD, MAHADEVAPURA, BANGALORE  
560048. MOB NO - 9243044893 E-mail: vinayakaenergytek@gmail.com

GSTIN: 29AAIFV0602P1Z/S		HSN CODE: 85			
New Horizon College of Engineering Bellandur main road, Near Marathahalli, Kaverappa layout, Kadubeesanahalli, Bellandur Bengaluru, Karnataka - 560103 Mob: 8123483403		INVOICE NO: VET/ 36/19-20 DATE - 5/02/2020			
P.O NO: NHCE/PO		DATE: 31/12/2020			
Party GST No: N/A		Vehicle No: KA03AB-4794			
Dispatched by: ROAD		Date: 05/02/2020			
Sl No	Type Description	Qty Unit	Rate	Amount. Rs	Rs
1)	Base frame for windmill	1 SET	9000/-	9000/-	
	SGST @2.5 %			225/-	
	CGST @2.5%			225/-	
	TOTAL VALUE			9450/-	
Rupees: Nine thousand four hundred fifty only.					
Terms & Conditions				For VINAYAKA ENERGY TEK	
1. Goods once sold cannot be taken back or exchanged 2. Belated payments attract 18 % interest PA 3. Subject to Bangalore jurisdiction.					

Dr. M. S. Ganesh Prasad  
Dean, Professor & MCO - ME,  
New Horizon College of Engineering  
Bangalore - 560 103.

Dr. R. S. Ramesh  
Ramesh is Paid

# NEW HORIZON COLLEGE OF ENGINEERING

Ring Road, Panathur Post, Near Marathahalli, Bangalore - 560 103

(A UNIT OF NEW HORIZON EDUCATIONAL INSTITUTION)

## JOURNAL VOUCHER

JK # 441

Date	Particulars	Debit Rs.	Credit Rs.
19.02.18	Other Miscellaneous Asset By Repairs & Maintenance (m) A/c	76,800/-	
	To Sasthas Fabricators A/c		76,800/-
	(Being the invoice # 012/ 08.02.2018 received from Sasthas Fabricators towards purchase of exhaust hood, starter, SS filters & GI Duct for munch cartons, duly journalised & accounted.) (CHIMNEY)	76,800/-	76,800/-
Advance Rs. 30,000/- paid Vr 1295/17.1.18			

checked  
Shanthi  
19/2/18

Approved by Sir.  
Authorised Signatory



CASH / CREDIT BILL

Mob : 9611773125  
9880812638

## Madu Electrical

DEALER IN: ALL KINDS OF ELECTRICALS & ELECTRONICS GOODS  
No.141, Madhan Enclave, A.Narayanapura Main Road,  
Opp. B.B.M.P. Office, Bangalore - 560016.

Invoice No.

030

Date

18/11/17

M/s.

New Horizon

Sl. No.	PARTICULARS	Qty.	Rate	Amount Rs.	Ps.
①	LDL163 12W LED ALTO Round Panel (9405) (white)	125	571	71375=00	
PAID				71375=00	
CHQ. No. 666474				4283=00	
DATE 22/11/17				4283=00	
AMT. 168000/- 6% CGST				4283=00	
6% SGST				79941=00	
STORE KEEPER NEW HORIZON BANGALORE.					
GSTIN : 29AIZPP0158P1ZA					
TIN : 29531340891			G. TOTAL		

Subject to BANGALORE Jurisdiction.

Terms : Goods once sold cannot be  
taken back or exchanged

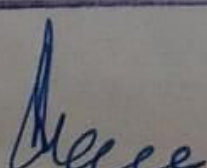
E.&amp; O.E.

For Madu Electrical

24	Charcol	Bag	07	375
25	Salt	Bag	03	250
26	Tube 36W	Nos	30	31.5/-
SGST@ 14%(55673)9% (14925)6%(71375)				
CGST@ 14%(55672)9% (8925)6%(71375)				
Say Rs: 168000.00				Grand Total

\* Cheque Issued No:666474

Received By


ide their Tax In  
: Electrical Wo

Amount
3968.0
1000.0
360.0
2250.0
1950.0
700.0
3750.0
150.0
7137.5
257.5
8.0
7.0
34.0
9.0
4.0
1.0



## BILL OF MATERIALS

REF NO: TPSPL NHCE/001/2018-19

DATE: 05.02.2019.

To,  
The Principal,  
New Horizon College of Engineering,  
Ring Road, Bellandur Post, Near Marathalli,  
BANGALORE- 560103

SL. NO.	PARTICULARS	QUANTITY	COST
1.	<b>SOLAR PV MODULES</b> Module Dimensions(mm)=1668x987x35 Voc=45.70V, Isc=9.06A, Capacity=305Wp 72 cells, Weight of each module=20kgs.	77	6,50,000.00
2.	<b>BATTERY</b> Type=lead acid, Make=Exide-6LMS Battery Capacity @ C10=200AH Battery Voltage 12V Capacity rated at 240/200AH	20	4,00,000.00
3.	<b>SOLAR POWER CONDITIONING UNIT</b> MPPT Range=330V-420V, Open Circuit Voltage (Voc)=600V, Inverter control=32 Bit DSP controlled, Dimension (WxDxH in mm)600x800x1200.	01	6,50,000.00
4.	<b>COPPER CABLES</b> Type=PVC insulated and Sheathed, Make=LAPP/Polycab Working voltage=Up to 1100 V, Test Voltage=650V/1.1kv	As Required at site	29,362.00
5.	<b>MODULE MOUNTING STRUCTURE</b> -305Wpk x 77Nos.	01	2,00,000.00
	<b>TOTAL</b>		19,29,362.00

FOR TECHSER POWER SOLUTIONS PVT. LTD.,  
BANGALORE

STORE KEEPER  
NEW HORIZON  
BANGALORE.

AUTHORIZED SIGNATORY

Works : # 17/B, Hootagalli Industrial Area, Hootagalli, Mysore - 570 018. Phone : 0821-2344990  
Regd. & Corporate Office : "Techser House" # 12/1, MES Ring Road, 5th Cross, Sharadambanagar, Bangalore-560 013.  
Phone : 080-28384517, 28384854, Fax : 080-23452646  
B.O. : # 652, III Floor, Dr. Rajkumar Road, II Stage, Rajajinagar, Bangalore-560 010. Phone : 080-23321583, 23420807  
Website : www.techser.com email : bangalore@techser.com  
CIN : U24971KA1999PTC024893 GSTIN : 29AABCT0359D1ZI

UPS SYSTEMS ★ INVERTERS ★ SERVO STABILISER ★ SOLAR EQUIPMENTS ★ NETWORKING PRODUCT

**TECHSER POWER SOLUTIONS PVT. LTD.,**

Regd. & Corporate Office : "Techser House" # 12/1, MES Ring Road, 5th Cross, Sharadambanagar, Jalahalli, Bangalore - 560 013. Phone : 080-26384517, 28384854 Fax : 080-23452646  
Works : No. 17/B, Hootagalli Industrial Area, Hootagalli, Mysore-570 018. Ph. : 0821-2344990  
No. 42, Ramachandrapura, Jalahalli, Bangalore - 560 013.  
B.O. : # 652, 3rd Floor, Dr. Rajkumar Road, II Stage, Rajajinagar, Bangalore - 10. Ph. : 080-23321583  
Godown : SKGKM Trust, # 14, K.S. Road, Jalahalli, Bangalore - 560 013 Ph. : 080-23456313  
Website : www.techser.com e-mail : bangalore@techser.com

CIN No. : U24971KA1999PTC024893 GSTIN : 29AABCT0359D1ZI

ORIGINAL FOR BUYER



INVOICE NO.: BNG/ MYS 716	TAX INVOICE	INVOICE DATE : 15.3.2018
Reverse Charge (Y/N) : NO		Transport Mode : VAN
State Code : 29		Vehicle No. :
P.O. No. :	Date : 11.35AM	Date of Supply : 15.3.2018
Removal goods Date : 15.3.2018	Time :	Place of Supply : BANGALORE

CONSIGNEE : THE SECRETARY  
NEW HORIZON COLLEGE OF ENGINEERING  
OUTER RING ROAD, MARATHHALLI,  
GSTIN : BANGALORE-560 103

SHIPPED TO :

GSTIN :

State Code : 290000000000 29

State Code :

Sl. No.	Product Description	HSN Code	Qty.	Rate	Assessable Value
1.	15KVA/240VDC IGBT BASED DOUBLE CONVERSION ONLINE UPS SYSTEM WITH EXIDE MAKE SMF BATTERY TO PROVIDE 30 MINUTES BACK UP  D C NO : 752	8504	1 + 20 1 SET	140000	140,000.00
<div>STORE KEEPER NEW HORIZON BANGALORE.</div> <div>PAID CHQ. No. 667769 DATE 21.03.18 AMT Rs. 165,200/-</div>					
INSURANCE					140,000.00
TOTAL AMOUNT BEFORE TAX					140,000.00

Total Invoice amount in words

ONE LAKH SIXTY FIVE THOUSAND TWO HUNDRED ONLY

Add : CGST	9%	12,600.00
Add : KGST	9%	12,600.00
Add : IGST		
Total Amount After Tax		165,200.00

Bank Details : Bank A/c. : No.10366270411 PAN No. AABCT0359D  
IFSCODE : SBIN0004230 TAN No. BLRT 01660B

GST on Reverse Charge

Terms & Conditions : Certified that the particulars given above are true and correct and amounts indicated represents the price actually charged and that there is no flow of financial consideration directly or indirectly from the buyer.

For TECHSER POWER SOLUTIONS PVT. LTD.

Subject to Karnataka Jurisdiction

Authorised Signatory

NANDI FILE NANDI FILE NANDI FILE NANDI FILE NANDI FILE



## TAX INVOICE

<b>From:</b> Intersect Technologies #2914/A, 13th Main D-Block, 2nd stage, Rajajinagar Bangalore-560010.		<b>Invoice No:</b> 073	<b>Date:</b> 17.07.2019
<b>Billing Address:</b> M/s New Horizon College of Engineering Ring road, Bellandur Post, Near Marathalli, Bangalore-560103		Company's GST No: 29AAEF18347B1Z9 Company's ST No: AAEF18374B SD001 Company's Pan No: AAEF18374B	
		<b>Buyer's Order Number</b>	
		<b>Buyer's GST:</b>	
<b>Payment Terms :</b> Immediate	<b>Despatch Document date:</b> Through :	<b>Delivery Note:</b>	

No	Description of Goods	Quantity	Rate	Amount
1	Cisco SG350-28 24 Port 10/100/1000Mbps L2 Manageable Switch. HSN Code: 8517 SI no: DNI22450986 ✓ DNI230300XM ✓ DNI23030359 ✓ DNI230302VT ✓	4 No's	12,000.00	48,000.00
	1 Gbps copper SFP Module. HSN Code 8517	6 No's	2,400.00	14,400.00
<b>Total</b>				62,400.00
<b>SGST @9%:</b>				5,616.00
<b>CGST @9%:</b>				5,616.00
<b>Grand Total</b>				73,632.00

New Horizon  
College of Engineering  
(SECURITY)

DATE NO. 02

IN

Time 12:50

Des 1.6.11

Three Thousand Six Hundred and Thirty Two Rupees Only.

Security Officer  
ASO

Goods sold will not be taken back.  
Computer Generated Invoice  
Bangalore Jurisdiction.

For Intersect Technologies

Authorised Signatory

STORE KEEPER  
NEW HORIZON  
BANGALORE.



Rec- 10/2

3521/10-2-18

TAX INVOICE  
CASH / CREDIT

JE

TIN : 29911127670

GSTIN : 29ANMPP8591L1ZU



# Ideal Display Signs

Advertising & Signage

#2B, K.K. Cross, Vasanthapura Main Road, Near J.P. Nagar 7th Phase, Bangalore 62

M/s. NEW HORIZON COLLEGE OF ENGINEERING  
B'lore

Invoice No. **139**  
Date : 30/01/2018  
Time :  
Party's TIN :

No.	DESCRIPTION	QTY	RATE	Rs. AMOUNT	Ps.
	Out Door 3D LED Sign Board material:- Imported Acrylic Labor Cost Lettered with Aluminium Powder Coated Letter Body with Samsung LED 5 year Warranty & Power Supply with 1 year Warranty Mounted on Existing MS Structure size 40'x10' Transportation, Clamping & Installation Charged	2	-	7,50,000 00	
				25,000 00	
			<b>TOTAL</b>	7,75,000 00	
			CST@ 9%	69,750 00	
			VAT 14.5%	69,750 00	
			SST@ 9%	9,14,500 00	
			<b>GRAND TOTAL</b>	9,14,500 00	

*Paid fully (Advance)*

*gate # 03 board*

RE KEEPER  
VINE HORIZON  
BANGALORE

Fourteen Thousand Only

RTGS done

**For Ideal Display Signs**

*[Signature]*  
Proprietor

535 81055 / 85535 22990  
s.amjad@gmail.com  
idealdisplaysigns.in

Rec 315  
260/3-5-17

# mist magic<sup>TM</sup>

Misting, Humidification and Heating

House no 1/40 - Satbari Village, Near Primary School, New Delhi - 110074  
Ph: +91-11-32559511, 09871411599, 09810800444, 09811428835  
E-mail: mistingmagic@yahoo.in, mistingmagic@gmail.com, manju.mistmagic@gmail.com Website: www.mistingmagic.com

M/s MIST MAGIC  
House No. 1/40, Satbari Village  
Near Primary School  
New Delhi-110074.  
Website : www.mistingmagic.com  
Email:  
mistingmagic@gmail.com  
Manju.mistmagic@gmail.com  
Tin no 07190331962

Date: 29/04/2017  
Invoice no. 008/1391

**BILLING ADDRESS:**  
New Horizon College of Engineering,  
ring road, near marathalli,  
kadubisanahalli, Bangalore 560103

**DELIVERY ADDRESS:**  
New Horizon College of Engineering,  
ring road, near marathalli,  
kadubisanahalli, Bangalore 560103  
Mob no. 8050010192/9880538406  
Email:sargam.m@hotmail.com

Sr. No.	Item no. Description	Qty	Rate	Amount (Rs.)
01)	MIST FAN 1050	4	13000/-	52000/-

Total amount 65000/- 52000/-

Add: vat 12.5% 8125/- 6500/-

Grand Total 73125/- 58500/-

Freight Charge will be to pay

Terms and conditions

50% advance and 50% after delivery

NEAR HORIZON

Pls clear payment in our acct: HDFC BANK "mist magic acct"

no 00118430000022"

Ifsc RTGS HDFC 0000011

Note: one nos handle Broken

**Mist Magic**  
No. 1/40, Satbari Village,  
Next to Primary School,