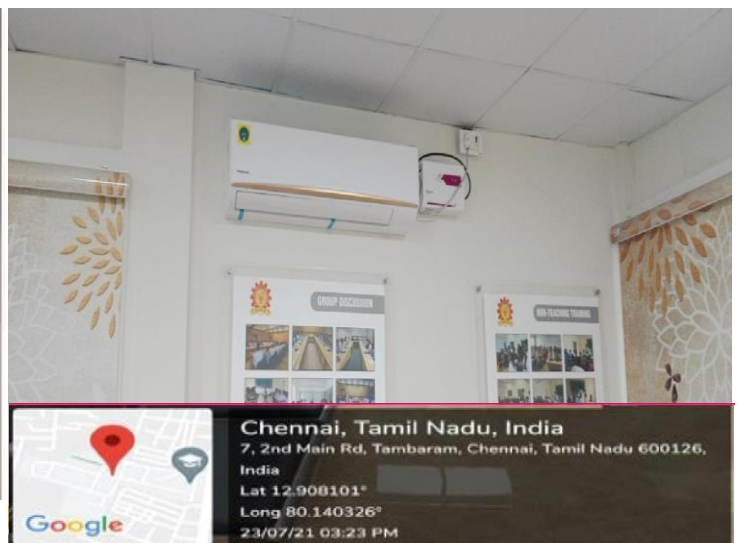
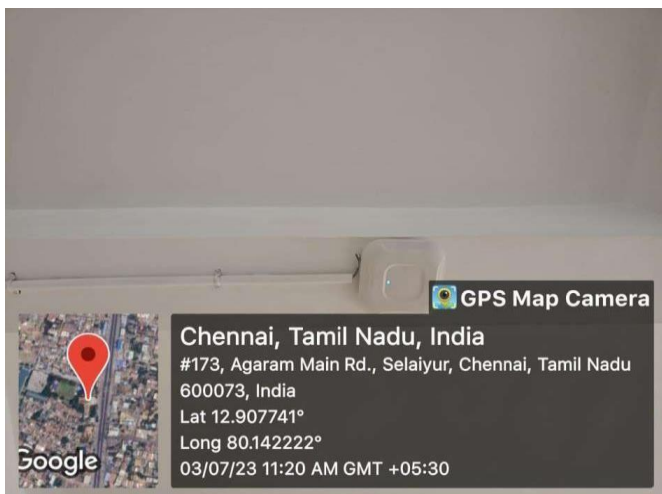


### 4) SENSOR-BASED ENERGY CONSERVATION

Wireless Sensor based systems have been deployed in BIHER, for various applications such as monitoring, maintenance, security etc. The use of wireless sensor technology for energy conservation, in which the sensor is deployed to sense and monitor the environmental conditions and take decisions based on the inputs from the various sensors.

The BIHER has installed several sensor-based lighting systems and Smart Sensor based Energy-Efficient 5-star ACs & LEDs. In this system the lights will automatically turn on when Sun Light goes away and turns off when sun light comes in. The class rooms are sensor-based auto temperature control. By this process BIHER saves energy. Dark areas of BIHER are lit using Automatic Human Sensor Switches, which avoids unwanted usage of electricity.



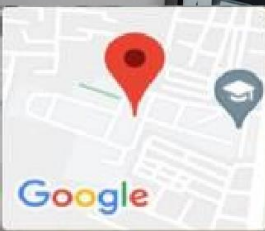
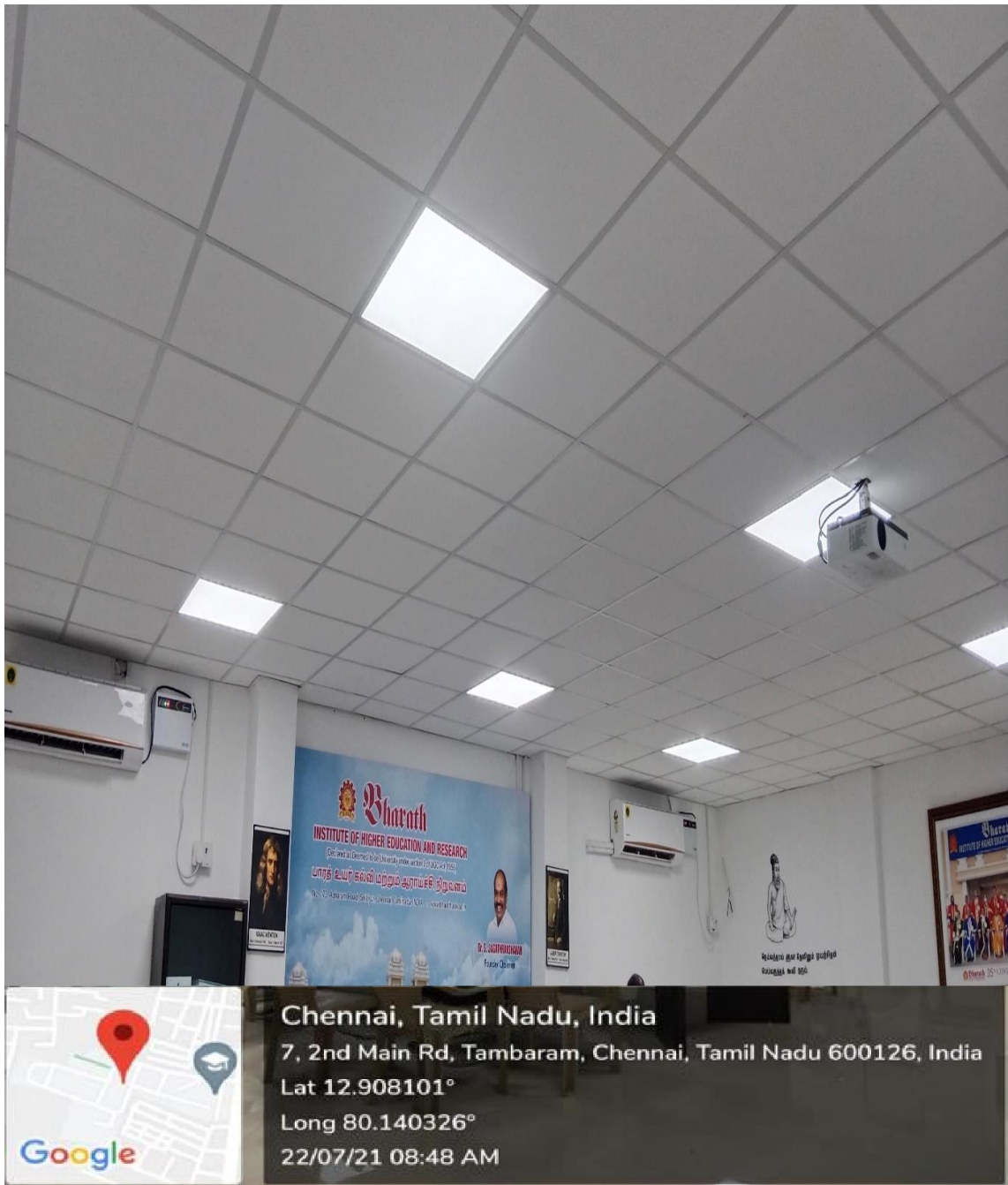
**Wi-Fi Sensor based automatic lighting system installed in the BIHER campuses**

**4.Sensor-Based Energy Conservation**  
**&Power Efficient Equipment**

**Sensor-Based Energy Conservation & Power**  
**Efficient Equipment**

**Smart Sensor Based Projectors & 5-star ACs &**  
**LEDsEnergy Efficient Equipment**

**@ Pro Vice-Chancellor Academics Office BIHER**



Chennai, Tamil Nadu, India

7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

Lat 12.908101°

Long 80.140326°

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**Smart Sensor based Energy-Efficient 5-star ACs & LEDs**

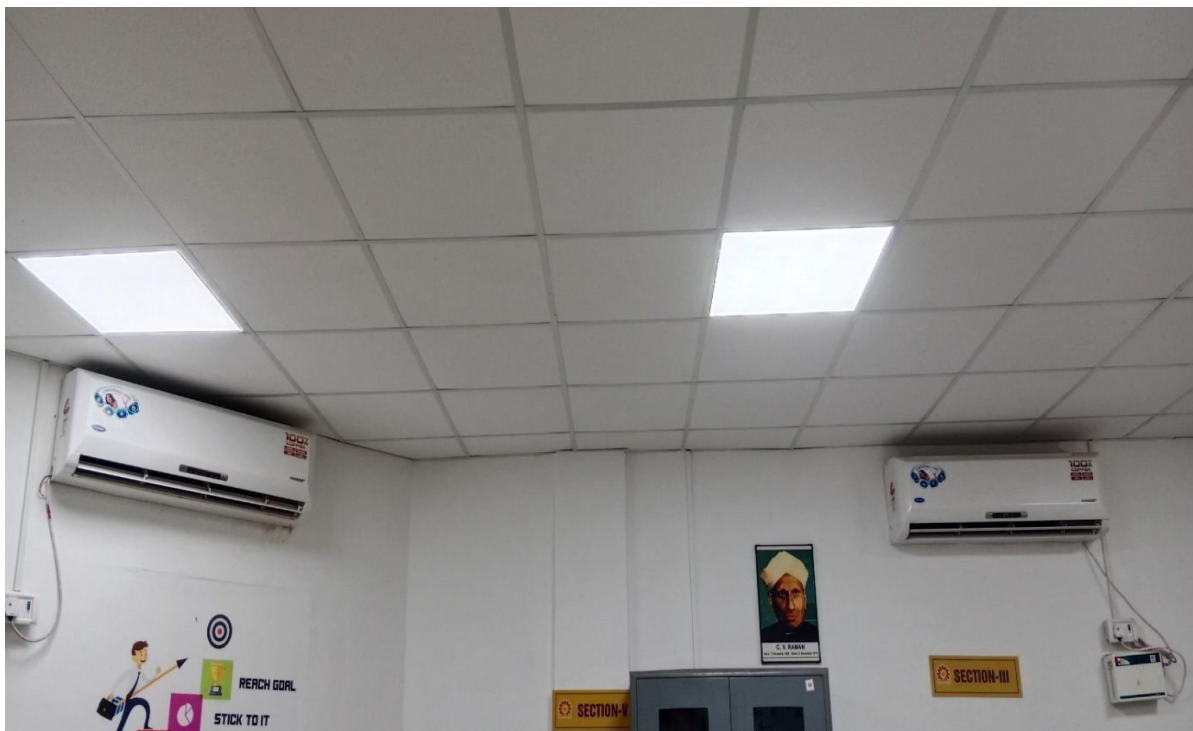


**@ Placement Office – BIHER**

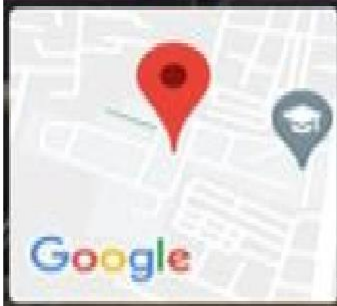


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India  
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Long 80.140326°  
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**@ IOAC Office BIHER**



**Automatic Energy Efficient Room Freshener with LED Sensor & Moisture Sensor @ BIHER**

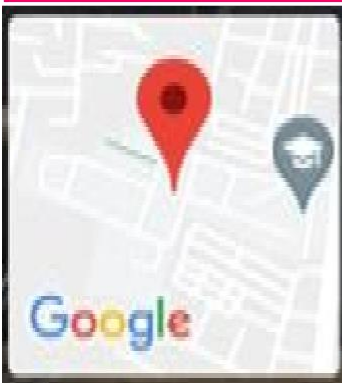


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India  
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**Bharath**  
**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
*(Declared as deemed to be University under section 3 of UGC Act, 1956)*  
**DEPARTMENT OF TRAINING & PLACEMENT**

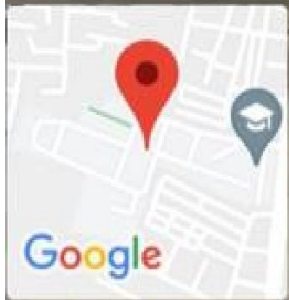
NAME	DESIGNATION	CONTACT
Mr. R. GOKUL CHANDER	Director Placement	(9176722253)
Mr. B. SENTHIL KUMAR	Placement Officer	(7806946080)
Mr. S. SURESH	Asst.Placement Officer	(9962053500)
Mr. BHARATH KUMAR	Training Manager	(9940215006)
Mr. V. SATHEESH KUMAR	Placement Coordinator	(8015142565)
Mr. VASANTH IYAPPAN	System Coordinator	(9940142027)



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**A Passive Infrared Sensor - PIR Motion Sensor Based Smart Security Cameras to Detect Movement and Day & Night Capture**

**@ BIHER Entrance & Entire Campus**



Chennai, Tamil Nadu, India

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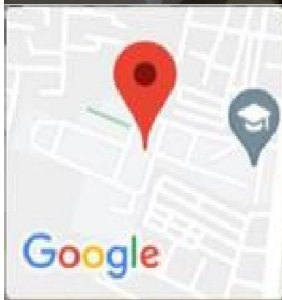
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## Sensor Based Smart Security Cameras @ BIST



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# Security Camera Capture @ Entire BIHER Campus

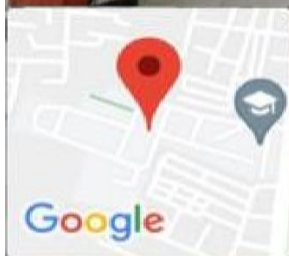


**A Passive Infrared Sensor - PIR Motion Sensor Based Smart Security Cameras to Detect Movement and Day & Night capture @ Entire BIHER Campus & Virtual Monitoring cum Security Tracking System**



**Physiological & Behavioural Smart Biometrics - Face Recognition, Fingerprint, Hand Geometry, Iris Recognition**

**@ Pro Vice-Chancellor Academics Office –BIHER**



Chennai, Tamil Nadu, India

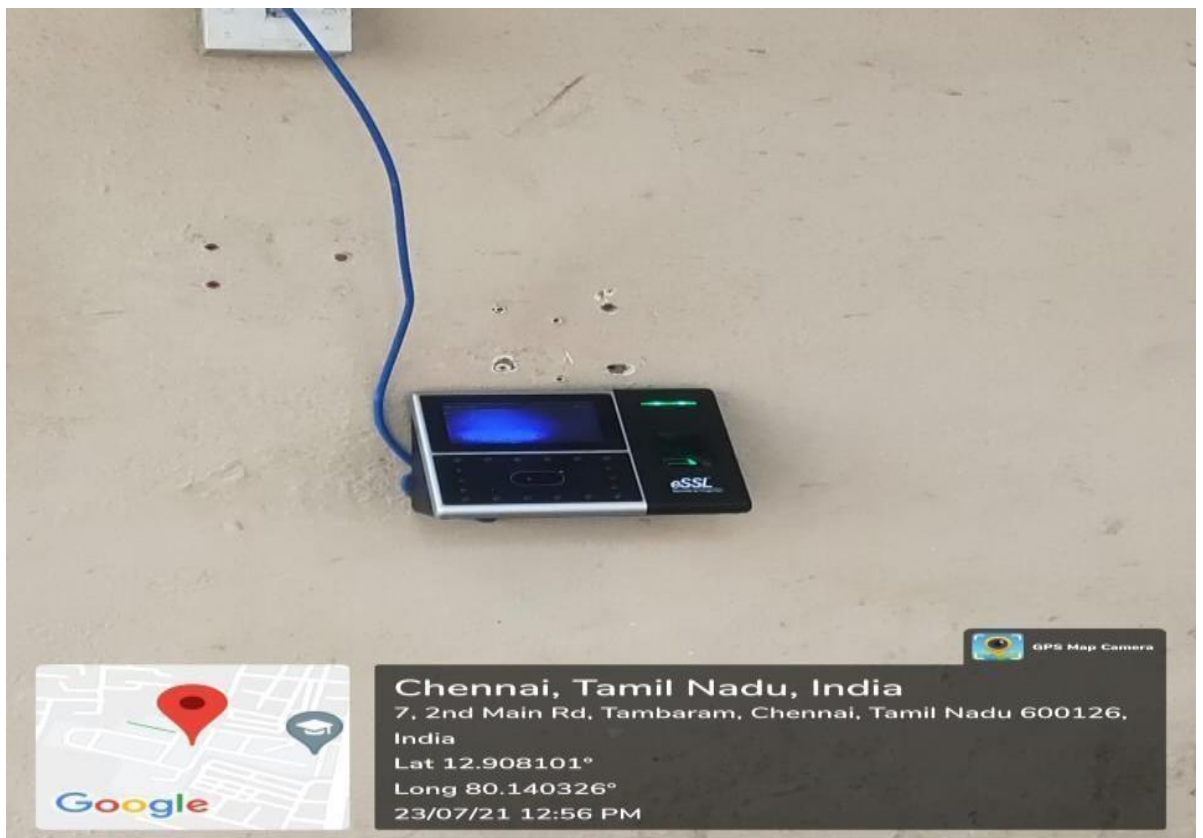
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

Lat 12.908101°

Long 80.140326°

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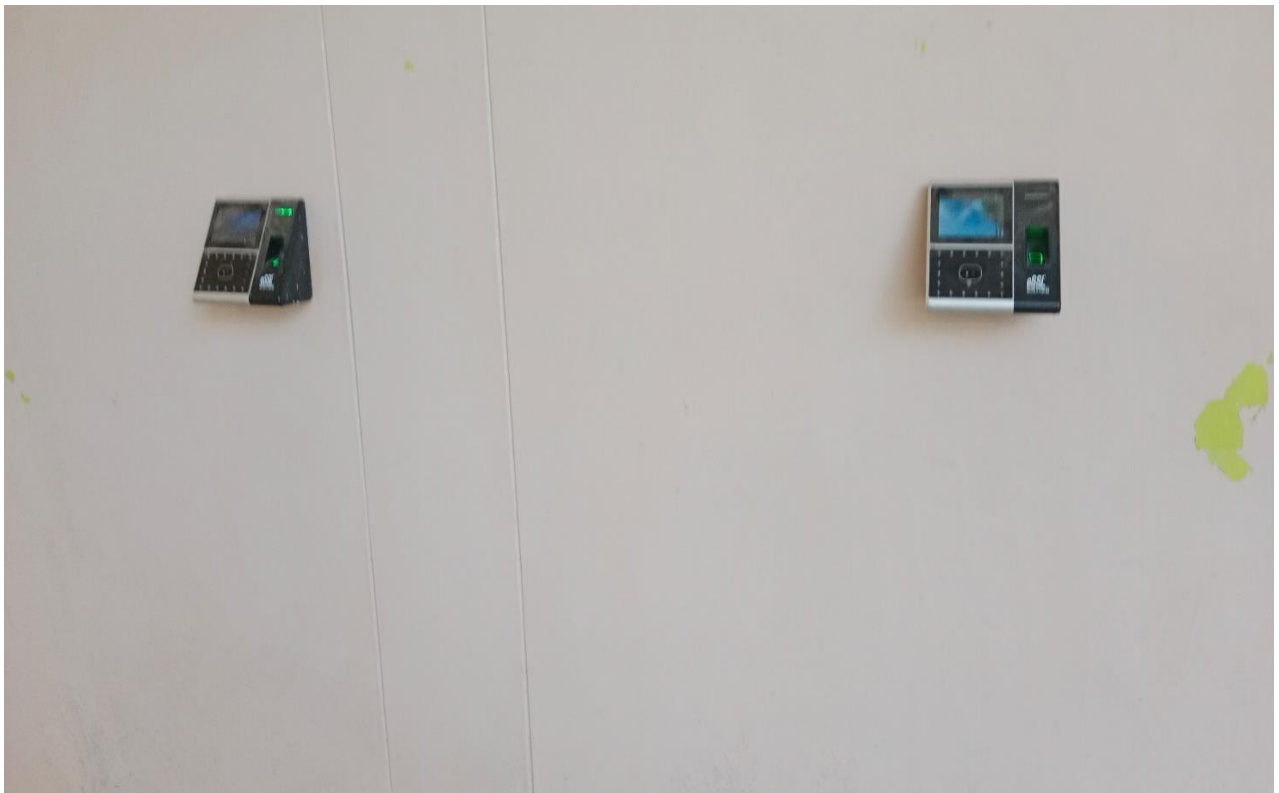
# Sensor Based-Energy Efficient Physiological & Behavioural Smart Biometrics @ BIHER Entrance



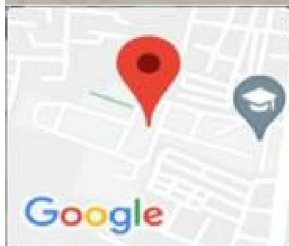
**Sensor Based-Energy Efficient Physiological & Behavioural Smart Biometrics @ BIHER Office**



**Sensor Based Physiological & Behavioural SmartBiometrics @ BIHER Finance Office**



**Multi-function all in one Priter cum Scanner [IR AVD DX 6755]**  
**An Infrared-IR Sensor Based ON when Touch & OFF when Not**  
**in Use @ Bharath Institute of Higher Education & Research**  
**Office**



Chennai, Tamil Nadu, India

7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

Lat 12.908101°

Long 80.140326°

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# Multi-function all in one Priter cum Scanner [IR AVD DX 6755]

An Infrared-IR Sensor Based ON when Touch & OFF when Not in Use @ Pro Vice-Chancellor Academics Office -BIHER



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Long 80.140326°  
22/07/21 08:48 AM



### 3. Bills of Purchase (Sensor-based Lights)

Tax Invoice		(ORIGINAL FOR RECIPIENT)				
<b>J K IMPEX</b> SALA NO 108 PARMAR INDUSTRIAL MALL NEAR RANGE OFFICE GOKHIWARE VASAI EAST DIST PALGHAR - 401208 GSTIN/UIN. 27AACPK1197J1ZK State Name Maharashtra, Code : 27 CIN UAN - MH18A0003097 E-Mail jkimpeexasai@gmail.com  Cinsingee ( ship to) Sree Balaji medical college & Hospitals ,No7 works Road Chrompet , Chennai-600044 Pant No 27AAA TA 1675PIZD Buyer ( Bill to) Sree Balaji medical college & Hospitals ,No7 works Road Chrompet , Chennai-600044 Pant No 27AAA TA 1675PIZD		Invoice No.	Dated			
		JK/405/23-24	26-Aug-23			
		Delivery Note	Mode/Terms of Payment			
		Reference No. & Date.	Other References			
		8029 dt. 26-Aug-23				
Buyer's Order No.	Dated					
PO/2023-24/12	4-Aug-23					
Dispatch Doc No.	Delivery Note Date					
Dispatched through	Destination					
TRACKON						
Terms of Delivery						
		HSN/SAC	Quantity	Rate	per	Amount
1	CL-T5-20-AD-CW- 18%	94051090	70 nos	315 250	nos	22,067.500
2	CL-T5-20-AF-CW-18%	94051090	30,000 Pcs	315 250	Pcs	9,457.500
						31,525.000
CGST SALE@9%						2,837.250
SGST SALE@9%						2,837.250
R/off - Sales						0.500
Total						37,200,000 ₹
Amount Chargeable (in words)						E & O E
Thirty Seven Thousand Two Hundred Indian Rupees Only						
HSN/SAC		Taxable Value	Central Tax		State Tax	
			Rate	Amount	Rate	Amount
94051090		31,525.000	9%	2,837.250	9%	2,837.250
Total		31,525.000		2,837.250		2,837.250
						5,674.500
Amount (in words) : Five Thousand Six Hundred Seventy Four Indian Rupees and Fifty paise Only						
Company's Bank Details						
A/c Holder's Name : J K IMPEX						
Bank Name : Saraswat Bank						
A/c No. : 147500100932267						
Branch & IFS Code : Dahisar (E) & SRCB0000147						
SWIFT Code						
Company's PAN : AACPK1197J						
Declaration : I declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.						
SUBJECT TO MUMBAI JURISDICTION This is a Computer Generated Invoice						