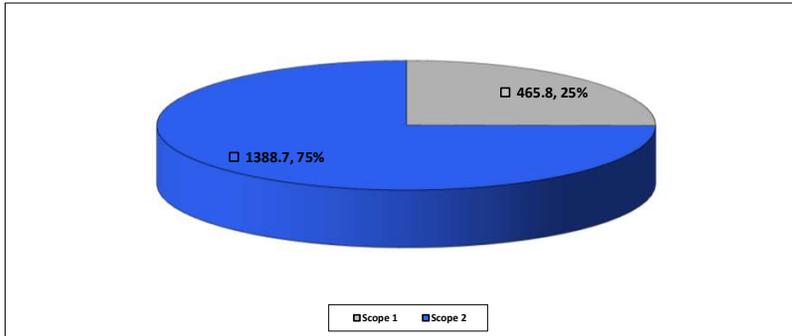


### Emission Summary

Name of Organisation	AMITY UNIVERSITY RAJASTHAN
Baseline year	2021

Date-17/08/2022

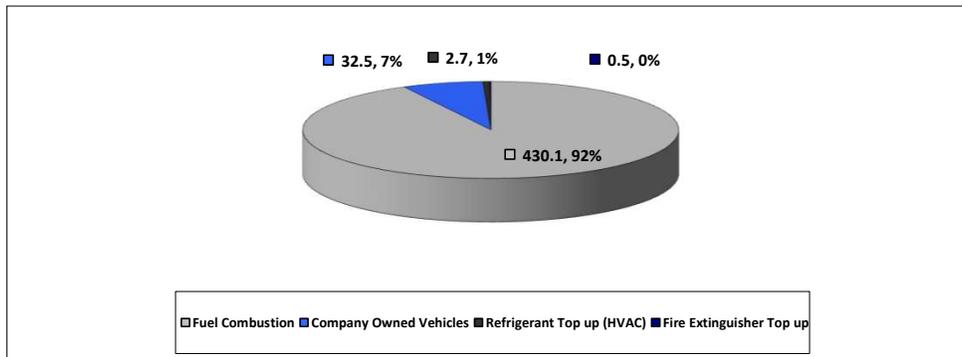
### GHG Emission Summary



Scope 1	465.8	T CO2 eq.
Scope 2	1388.7	T CO2 eq.
Total	1854.5	T CO2 eq.

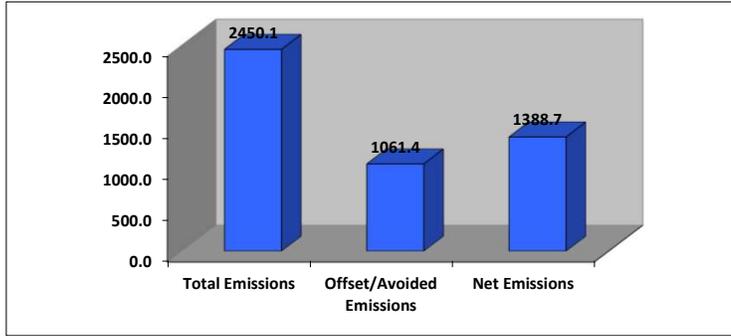
0.619074

### Scope 1 Breakup



Fuel Combustion	430.1	T CO2 eq.
Company Owned Vehicles	32.5	T CO2 eq.
Refrigerant Top up (HVAC)	2.7	T CO2 eq.
Fire Extinguisher Top up	0.5	T CO2 eq.

Scope 2 Breakup



Total Emissions	2450.1	T CO2 eq.
Offset/Avoided Emissions	1061.4	T CO2 eq.
Net Emissions	1388.7	T CO2 eq.

The India GHG Program aims to promote profitable, sustainable and competitive businesses environment in India by mainstreaming measurement and management of greenhouse gas emissions

The program is actively promoted by:



Confederation of Indian Industry





**INDIA  
GHG  
PROGRAM**  
Promoting profitable, sustainable  
and competitive businesses.

**Scope 1 Emissions**

<b>Name of Organisation</b>	AMITY UNIVERSITY RAJASTHAN
<b>Baseline year</b>	2021

Date-17/08/2022

**Fuel Combustion**

S No	Fuel Type	Description	Activity Data	Units	Emission Factor	Units	CO2 eq. Emissions	Units
1	Diesel	Fuel Consumption at AUR DG Sets	46.59	KL	2.64	T CO2/KL	123.00	Tons
2	LPG	LPG Consumption at AUR including Residents, Mesh/Outlets and Office Pantry	103.05	MT	2.98	T CO2/T	307.08	Tons
3	Petrol							
4	Select fuel							
5	Select fuel							
6	Select fuel							
7	Select fuel							
8	Select fuel							
9	Select fuel							
10	Select fuel							

**Sub-total** 430.1 Tons

**Company Owned Vehicles**

S No	Type of Vehicle	Mode of Data Entry	Activity Data	Units	Emission Factor	Units	CO2 eq. Emissions	Units
1	Car - diesel	Fuel used	10190.74	Kg	3.1863	kg CO2/kg	32.47075486	Tons
2	Select	Select						
3	Select	Select						
4	Select	Select						
5	Select	Select						
6	Select	Select						
7	Select	Select						
8	Select	Select						
9	Select	Select						
10	Select	Select						

**Sub-total** 32.5 Tons

*Shambhu*  
Incube Sustainability Pvt

Air conditioning

S No	Identity of Air-cond / Ref Machine	Refrigerant used	Capacity (Tons)	Quantity of Make-up (kg)	GWP	CO2 eq. Emissions	Units
1	AC 1	HFC-32	1.5	4.00	675	2.7	Tons
2	Select						
3	Select						
4	Select						
5	Select						
6	Select						
7	Select						
8	Select						
9	Select						
10	Select						

Sub-total 2.7 Tons

Fire Extinguisher (Only CO2 type fire extinguisher)

S No	Identity of Fire Extinguisher	Quantity of CO2 Make-up	Units	CO2 eq. Emissions	Units
1	Co2 type	513	Kg	0.513	Tons
2			Kg		
3			Kg		
4			Kg		
5			Kg		

Sub-total 0.5 Tons

Total Scope 1 Emissions

465.8 Tons

The India GHG Program aims to promote profitable, sustainable and competitive businesses environment in India by mainstreaming measurement and management of greenhouse gas emissions  
The program is actively promoted by:





Promoting profitable, sustainable and competitive businesses.

### Scope 2 Emissions

Name of Organisation	AMITY UNIVERSITY RAJASTHAN
Baseline year	2021

Date-17/08/2022

#### Electricity / Utility Consumption

S No	Source	Grid	Quantity	Units	Emission Factor	Units	Total Emission	Units
1	Electricity Purchased from Grid	India Average	1955937	kWh	0.71	kg CO2/kWh	1388.71527	Tons
2	Select	India Average						
3	Select	Select Grid						
4	Select	Select Grid						
5	Select	Select Grid						

Sub-total

1388.72 Tons

#### Renewable Energy Generation

S No	Source	Grid	Quantity	Units	Emission Factor	Units	Offset Emission	Units
1	Renewable Energy based power (Owned)	RE - India Average	1494921	kWh	0.71	kg CO2/kWh	1061.39391	Tons
2	Select	Select Grid						
3	Select	Select Grid						
4	Select	Select Grid						
5	Select	Select Grid						

Sub-total

1061.4 Tons

Total Emissions	2450.1
Avoided Emissions	1061.4
Net Emissions	1388.7

43.32026992

### Net Scope 2 Emissions

1388.7

Tons

The India GHG Program aims to promote profitable, sustainable and competitive businesses environment in India by mainstreaming measurement and management of greenhouse gas emissions. The program is actively promoted by:



Confederation of Indian Industry

