CERTIFICATE FOR ENVIRONMENTAL AUDIT PROCESS

This is to certify that, we have conducted an ***ENVIRONMENTAL AUDIT*** in **KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**, Nanjanapuram, Erode – 638 107 on **28 MAY 2021**. This audit process highlights the present CO_2 emission and methods adopted to neutralize the same in the college campus.

Environmental System: CO_2 Balance Sheet (2020-21)

S. No.	Energy Consumption & CO_2 Emission			CO_2 Neutralization		
	Description	Energy Quantity	CO_2 Emission (Tons/Annum)	Description	Energy Usage	CO_2 Neutralized (Tons/Annum)
1.	Electrical Energy	1,31,718 kWh	108.0	Due to Solar PV System	31,805 kWh	26.1
2.	Diesel (Transport + DG)	20,756 Litres	54.8	Due to Mature Trees	786 No's	17.1
3.	LPG Consumption	2,375 kg	7.1	Due to Solar Thermal	7,600 kWh	6.2
				Due to Biogas	3,825 kg	11.5
4.	Total Emission		169.9	Total-Neutralized		60.9
	Balance CO_2 to be Neutralized = 109.0 Tons/Annum & Per Capita CO2 Consumption = 0.03 Tons/Annum [1]					

([1] Total strength of students: 4,058 + Teaching and technical staff: 250 = 4,308)

(Note: During the year 2021-21; due to the COVID lockdown the values of all the energy quantities are less in nature)

System Audited	Systems Inspected
• Electricity Consumption	• Solid and E-Waste Handling & Management
• Diesel Consumption (Vehicles + DG)	• RO Plant, Water Distribution System & STP
• LPG Consumption	• Water Conservation & Management
• Transport System, GWP & OPD of AC Refrigeration	• Usage of Chemical, Salts & Acids

(Audited and Accounted for the Period from June-2020 to May-2021)

Thank You

Audit Conducted and Verified by,

S.R. Sivarasu

(Dr. S.R. SIVARASU)

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