Prediction Of Carbon Dioxide Emission Using Carbon Foot Print Calculator - A Case Study At BIT Campus Sathyamangalam, Erode District

Geethamani R.[1], Soundara B.[2], Jayanthi V.[3]

[1]*Bannari Amman Institute of Technology, Sathyamangalam, Erode District -638 401*
[2] *Bannari Amman Institute of Technology, Sathyamangalam, Erode District -638 401*
[3] *Bannari Amman Institute of Technology, Sathyamangalam, Erode District -638 401*

geethamanir@bitsathy.ac.in[1], *soundara@bitsathy.ac.in*[2], *jayanthiv@bitsathy.ac.in*[3]

Abstract

The fundamental destination of our undertaking is to gather data among different individuals at BIT campus, Sathyamangalam, Erode District, about the use of each kind of vitality and to compute the level of Carbon dioxide proportionate. BIT is located at 11.4962° N and 77.2768° E. In this examination we built up a technique for gauging normal people individual carbon impression datum, the relationship between environmental change and the arrival of carbon dioxide. The total quantity of carbon di oxide chemical compound that's let into the atmosphere by human activities, industries, households is calculated in Carbon Foot Print Calculations. This Carbon Foot Print Calculator is been used for examining the results by obtaining relevant information from the individuals. The living expenditure of our country is twice that of European countries. The main objective for carbon footprint is to calculate the amount of carbon di oxide emitted into atmosphere of our country every year. One of the main objective of the analysis is to facilitate the identification of measures for the reduction of greenhouse gas emission. It includes 3R initiatives (i.e.,) Reduce, Reuse, Recycle .The carbon foot print is a subset of data covered by normal life cycle. This study is to create awareness among the people about the relationship between day to day activity of human beings, green house gas emission (especially carbon di oxide) and global warming.

References:

1.Wencong Yue, Yanpeng Cai, Meirong Su, Qian Tan, Meng Xu, Energy Procedia, Carbon *Footprint of Copying Paper: Considering Temporary* Carbon *Storage Based on Life Cycle Analysis,vol 105, May 2017, pg 3752 - 3757*

*2. Ramsagar Vooradi, Maria-Ona Bertran, Rebecca Frauzem, Sarath Babu Anne, Rafiqul Gani, Chemical Engineering Research and Design, Sustainable chemical processing and energy-*carbon *dioxide management: Review of challenges and opportunities, Volume 131, March 2018, Pages 440-464*