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Environmental Research needs Interdisciplinary Approaches in broad range of Disciplines to tackle Climate Change- An Investigation to Compare the Percentage of Awareness results of Green technology Innovations, Green Synthetic routes, Green Management and Marketing Among UG & PG Students

A.Sameena

Visiting Faculty in Chemistry, SEA College of Engineering
Ektanagar, Bangalore-560049, Affiliation : VTU , Belgaum, Karnataka
Visiting Project Scientist IISC; Bangalore, India

Abstract : In recent decades and years there is much emphasis on Green practices to reduce the green gases emissions to control global warming and Climate Change. The Industrial Sector, through its role in Society has contributed significantly to pollution and exploitations of the environment. The impact of Climate Change in the future will be a challenge in order to maintain Sustainability. Despite innumerable warnings and evident signs, humans are still continuing towards potentially Catastrophic “**Climate Change**” by adding to green house gases by their daily activities of combustion and emissions.

The Increasingly interdisciplinary nature of modern Research makes it essential for researchers of different backgrounds to have at least a minimal understanding of neighboring Sciences, if they are to communicate effectively. Harnessing of renewable energy sources to replace fossil fuels is widely regarded as a long –term mitigation strategy that requires the synthesis of knowledge from engineering, technology, and natural and social sciences.

In the present study a comparison percentage of awareness results of green technology innovations, Green synthetic routes in Chemistry, Green business, Green Management and Marketing is projected. Good Institutions, Public Universities, Deemed Universities, Government & Private Colleges were selected for the study. The awareness of UG, PG and Research students in different disciplines was monitored through Questionnaires prepared in the respective fields with objective and basic ideas. The results were analyzed by Chi square method and a hypothesis was tested.

There is a need to review the Basic elements of Curriculum including logic ,objectives contents Teaching methods and assessment to make future generation Professionals Well aware of interdisciplinary Green practices and how to utilize them in their respective disciplines.

Key Words : synthetic Green Chemistry; Sustainability; Interdisciplinary research in Climate and Energy Sciences ,Renewable Technologies, Green and Clean Technology innovations and Green Management. Green House Gases GHG, Paris Summit of Dec.2015 on Climate Change. Inter –governmental panel on Climate Change (IPCC).

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