



Prologue

Early anthropogenic development focused only on the economic and social sectors that the environmental pollution did not draw much attention. The nature has the extraordinary capacity of assimilating the wastes that were thrown into it. However, later when the food habits from organic to inorganic, and sophistication lead to a lot of recalcitrant, the nature by itself could not handle the wastes and the daunting task of waste handling was placed before the society. On the other hand, the enormous use of natural resources made them scarce and discharge of non-biodegradable wastes degraded their quality too. This puts a testing situation to the industrialists to go for optimization and search for eco friendly materials.

One of the reasons that justify the modern technologies is reaching the purpose rapidly , that encouraged the invention and use of more complex sources and process materials, and the wastes became too complicated to be treated with simple treatment processes. Rather they demanded still further complicated and expensive treatment processes that the cost of treatment sometimes escalated the price of commodities multifold than their production costs. Since the environmental costs involved could not be added to fix the prices and compete with the developed nations, the illegal practice of letting out the wastes as such without treatment came into practice. The consequences then were the depletion in quality of environment, the stringent closure of a number of small-scale industries that reflected in social and economic status, activities to test the professional ethics of controlling authorities, problems of handling the public issues. The remedial strategies followed are mostly superficial and short term leading to loss and stagnation in economy directly and an explicit psychological stress at different demographic levels. In order to put an end to these issues an integrated approach of all the individuals in different professional and demographic status, is needed that the environment attains sustainability and contributes maximum benefits to the society.

The manuscripts presented in this issue focus on the concepts and ideas that lead to sustainability and are the enhanced form of those appeared in the proceedings of **International Interdisciplinary conference on Sustainable Technologies for Environmental Protection held at Coimbatore Institute of Technology, Coimbatore, Tamil Nadu, India in Collaboration with The College of Engineering, University of Toledo, Ohio.**

This journal is taking up a refined shape and in collaboration with the publishers, is announcing a series of online conferences, workshops and short term courses. Interested individuals and experts who wish to form an interdisciplinary forum of integration to share their expertise on environmental threats to give a thread for constructive discussions that lead to fruitful outcome are expected to subscribe as readers, contribute as authors, and be a part as reviewers.

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SELF SUSTENANCE

Dr.Mrs.PMeenakshi

Chief Editor

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