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PCERP Seminar Proceedings
Book 19

ENVIRONMENTAL RE-ENGINEERING
SERIES 11
CASE STUDIES ON ENVIRONMENTAL
SUSTAINABILITY BASED ON
SECONDARY DATA



STUDENTS' SPECIAL

Mahatma Education Society's
Pillai College of Education & Research

Sector 8, Khanda Colony, New Panvel (W) -410206

Tel No: (022) - 27464161, 27480289

Website: www.pcerpanvel.ac.in

OUR MENTORS

Dr. K. M. Vasudevan Pillai

Chairman & CEO
Mahatma Education Society

Dr. Daphne Pillai

Secretary
Mahatma Education Society

DR. Priam Pillai

COO, Mahatma Education Society

Mr. Franav Pillai

Dep. CEO, Mahatma Education Society

PUBLISHED BY

Dr. Sally Enos, Principal
Pillai College of Education & Research,
Khanda Colony, New Panvel(W)-410206

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STUDENTS' SPECIAL

COMPILED & EDITED BY

Dr. Bhavna Dave
Dr. Saramma Mathew

VISION

“To foster positive attitudes and ideals to be socially responsible and competent teacher with individual identities in order to enable the student teachers to translate great ideas into good actions”

MISSION

“To promote purposive education through globalization of mind and society and using education for value transmission in order to enable the student teacher to perform effectively different roles as a teacher in the present society.”

OBJECTIVES

- To prepare humane professionals by enhancement of the heart and soul.
- To prepare the student teachers to perform effectively different roles expected in changing global Scenario.
- To empower Student teachers with competencies required for professional growth.
- To develop an attitude of Professionalism by inculcating Dedication, Commitment, Accountability and Professional Ethics.
- To foster virtues like Sincerity, Sympathy, Gentleness, Modesty, Humility, Compassion, Courtesy, Co-Operation, Fair play, Self Esteem, Self-Control, and Truthfulness.
- To develop Sensitivity towards Society related issues and concerns.
- To encourage student teachers to apply the knowledge creatively to relevant situations.
- To develop Leadership Competencies to plan, organize and conduct various educational activities.
- To prepare humane professionals by enhancement of the heart and soul.
- To develop an appreciation of the role of the teachers in the prevailing socio – cultural and political context in the educational system.
- To provide avenues to the student teachers for exchanging ideas, raising issues and discussing themes and problems.
- To create environmental consciousness and concern among the student teachers.

Core Practices

- . Social commitment
- . Global mindedness
- . Value transmission
- . Environmental consciousness
- . Reflective Approach
- . Integrating Technology
- . Professionalism

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PREFACE

Environment is an important issue that touches every one's life. Earth is the only place that we have for life in this universe at least for now and if we do not take care of it no one else would do it for us. Environmental disharmonies occur as a result of the interaction between humans and the natural world therefore, we must include both when seeking solutions to environmental problems.

In the past few decades, the environment has been trampled upon and the situation had been becoming worse. Since the 1960s, environmental movements have created more awareness of the multiple environmental problems. There is disagreement on the extent of the environmental impact of human activity, so protection measures are occasionally debated.

Due to the Covid the situation, human activities reduced a little and due to these decelerated human activities, the environment limped back towards its former self. This shows how human moderation can revive the health of the environment. The environment provides for everyone needs but it cannot satisfy anyone's greed and this needs to be understood clearly.

If we want sustainable development of society, we need to look at the environment crisis with a new thought process. PCER has always been a frontrunner in ensuring environmentally friendly practices. These are implemented through education not merely through words but through actions as well.

The college has been declared as an environment friendly Institute of higher education. Keeping in line with the Swachh Bharat Abhiyan incorporating higher education, a lot of activities have been carried out to ensure that the institution maintains its environment friendly nature. The institution has taken into consideration environment sustainability with a great amount of seriousness and every planning activity incorporates the environment angle along with it.

For the last 10-year seminars on the issue of environment protection and conservation have been conducted and its proceedings have been brought out in the form of a book. Though the pandemic has created a lot of constraints we continued the activity as an environment project by the students and teacher-educators who reviewed environment sustainable action plans which individuals and societies took up and created a positive

change in the environment. They presented case studies of the various action plans that have been used around the country and abroad both at the individual and at the community level. These success stories give a lot of support for the environment activities as they bring out sensitivity towards the environment among the students but also can be starting point for students to startup these activities on a personal level and inspire others to take it up in the community. This book is a compilation of various action plans related to environment conservation and the main theme being environmental re-engineering that is, ensuring that our environment is conserved preserved and protected

Student teachers can be front runners in achieving this important mission because these young citizens are the ones going to implant ideas in young people in the classrooms as school teachers. It is the responsibility of the society to ensure the conservation of nature. This needs both awareness and action and the best place to start is educational institutions as they can impact the values of young children. When aware citizens with a clear understanding of sustainable environment actions take charge, the world will be a better place for the Flora fauna and for all human beings.

Editors
PCER-Panvel