



Association for Promoting Sustainability in Campuses & Communities

HQ: #23, Kamaraj Salai, Thattanchavady, Puducherry – 605009, India.

The Association for Promoting Sustainability in Campuses and Communities (APSCC) is founded to serve as an impetus organization for sustainable development among the educational institutions and local communities in India and beyond. We do this by providing resources, initiating and promoting sustainable solutions at grassroots level in collaboration with a network of eminent sustainability professionals. More importantly, we believe that sustainable development is not only limited to ecological/ environmental considerations but also the economical, social and cultural dimensions as well. In view of this, the APSCC team has planned a time bound mass co-operative movement named “*Green Campus Initiative Co-operative Movement (GCICM)*” for promoting Campus Environmental Sustainability and UN DESD in all Educational Institutions of India and around the world.

GREEN CAMPUS INITIATIVE COOPERATIVE MOVEMENT



Association for Promoting Sustainability in
Campuses & Communities

Champions supporting GCICM for campus sustainability



Dr. G. Viswanathan, Chancellor, VIT University, Vellore, Tamilnadu, India.



Prof. A. Gnanam, Vice Chancellor (Retd.), Pondicherry University, Puducherry, India.



Mr. David Annousamy, Chief Justice (Retd.), Puducherry, India.



Mr. M. Dhanasekaran, Chairman, Sri Manakula Vinayakar Medical College and Hospital, Puducherry, India.



Prof. Adriano Ciani, Agricultural Economics and Farm Appraisal, Perugia University, Italy.



Prof. Walter Filho Leal, Senior Prof. & Head of the Research and Transfer Centre Applications of Life Sciences, Hamburg University, Germany.



Dr. Beyene Ejigu Ayano, Research and Development, CGS Sementi, Urbisaglia (MC), Italy.



Prof. Giancarlo Pasqualini, President of Alumni Association of Agricultural College, A. Ciuffelli, Todi.

Champions supporting GCICM for campus sustainability



Dr. T. R. Pachamuthu, Chancellor, SRM University, Tamilnadu, India.



Prof. Arturo Crosby, President, Forum Natura, Madrid, Spain.



Mr. S. Nitiyanandan, Chairman, Aravindar Engg. College, Vanur, Tamilnadu, India.



Dr. Anne Osio, Egerton University, Nakuru, Kenya.



Prof. José Baltazar, Director, Unisul Business School, Universidad do Sul de Santa Catarina, Brazil.



Prof. Mihaly Voros, CMSBA-University for Modern Business Studies, Budapest, Hungary.



Yvonne Moseti, Estates Officer at GoK, Kenya.



Dr. Mohamud Hussein, Agricultural Economist, Food and Environmental Research Agency (FERA), United Kingdom.

Student centered approach to campus sustainability



Students at the International Summer School, 2012, Todi, Italy



Students and staff members of Jawahar Navodaya Vidyalaya school at Puducherry, India

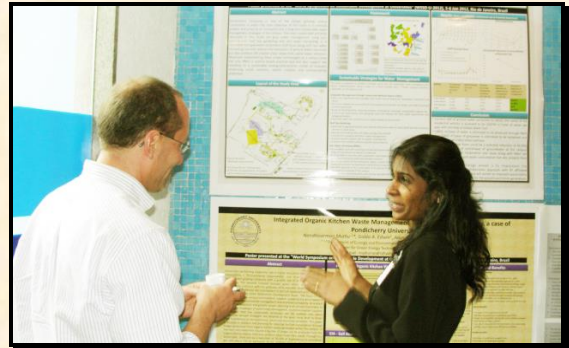
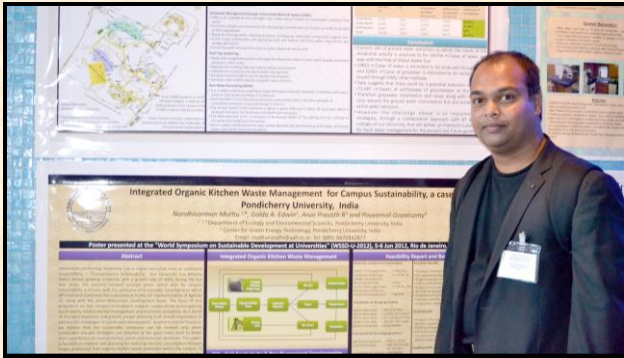


Students and staff members of Jawahar Navodaya Vidyalaya school at Puducherry, India, working with APSCC team to establish an Integrated organic waste management for organic kitchen garden

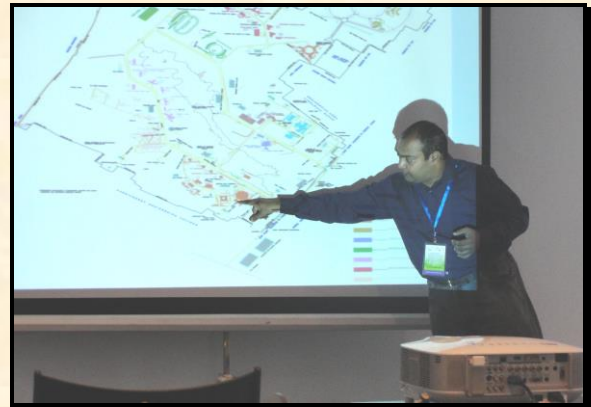
International outreach programmes to promote campus sustainability



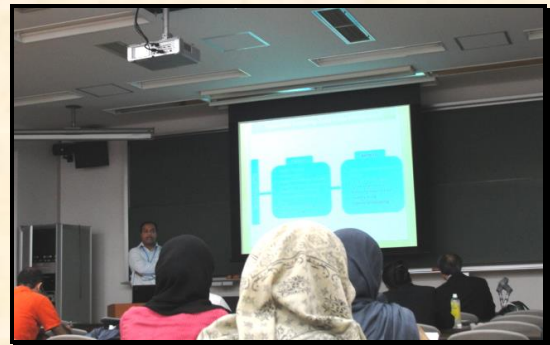
Sustainable Management and Promotion of Territory, Perugia Agricultural University, Sep 2012, Italy



World Symposium on Sustainable Development at Universities (WSSD-U-2012), Jun 2012, Rio de Janeiro, Brazil



8th International Conference on Urban Watershed management – Water systems in Rapidly Urbanizing areas, organized by University of Virginia, USEPA, Sep 2011, Beijing, China



11th International conference organized by “International Congress of Asian Planning Schools Association (APSA 2011)”, Sep 2011, Tokyo, Japan

APSCC team implementing a Pilot Scale Constructed Wetland for Sustainable Greywater Management



Horizontal Flow



Horizontal SubSurface Flow



Vertical Flow

APSCC team implementing a pilot scale integrated organic kitchen waste management fostering water/ food security and green economy.

Biogas generation from organic kitchen waste and its application in organic kitchen garden through compost



Kitchen waste for Compost



Biogas from kitchen waste



Rich organic manure ready for use



Basil



Balloon Vine



Veldt Grape



Mint



Basil - Black



Indian Borage



Snake Gourd



Ladies Finger



Ginger



Pineapple



Spring Onion



Corn

This GCICM initiative is a cross-sectoral movement modeled similar to the USPESD (US Partnership for Education for Sustainable Development). It acts as a convener, catalyst, and communicator consisting of individuals, organizations and institutions dedicated to the advancement of education for sustainable development. It is also an historical initiative, characterized by a new dynamic paradigm with a wide belief that not only governments, but also each individual, institutions and businesses has to play a major role and need to commit themselves to SD. It is therefore expected to provide an additional momentum to the Decade of Education for Sustainable Development, with a greater focus on what higher educational institutions can achieve in this regard for the region/ country and also for their campus environment sustainability.

Green Campus Initiative: *“Green Campus Initiative is a program that plans, formulates, designs and implements a package of sustainable solutions by the campus community to reduce the environmental impact, enhance the campus sustainability and to protect the health and well-being of the surrounding community & ecosystem”-APSCC*

Green Campus Initiative Co-operative Movement: *“The Green Campus Initiative Co-operative Movement (GCICM) is formed to achieve, through life giving cooperation and coordination, the objectives of campus sustainability by creating awareness, mobilizing resources and setting up an environment of opportunity to develop and implement tailor made programs to enrich the sustainability quotient of the campus” -APSCC*

Promotional activities by APSCC for “Green Campus Initiative Co-operative Movement” *

The Green Campus Initiative is a golden opportunity to develop and implement tailor made programs with an integrated approach encompassing rainwater harvesting and reuse; reclamation and recycling of grey water; sustainable management of solid and hazardous wastes; energy efficiency and bioenergy generation; vermicompost and organic kitchen garden, soil and biodiversity conservation, pedestrian and sustainable transportation, etc.. Students involvement and staffs orientation is the heart of Green Campus Initiative programme. The following are the ten fold strategies involved for the progress of GCICM, which is aimed at empowering the Institutions to become sustainable and also obtain Green Rating (LEED & Energy Star) for their sustainable strategies:

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S | I Environmental Education, Signing of Talloires Declaration (ULSF) |
| | II Sustainability Assessment and Establishing office of Sustainability in every campus |
| | III Sustainable SWM (Efficient use, R-R-R-R, Nutrient and Energy Recovery, etc.) |
| | IV Sustainable Waste Water Management (Constructed wetland, Biofilter, etc.) |
| | V Sustainable Management of Hazardous & Toxic Waste |
| | VI Energy Efficiency & Energy generation (Bio-waste to Biogas/ Bio-power, etc.) |
| | VII Sustainable Water Resource Management (Protection & Conservation) |
| | VIII Healthy Food & Food Services (Healthy & Organic Food, Supply Chain efficiency, etc.) |
| | IX Biodiversity Conservation & Habitat Restoration |
| | X Sustainable Transportation (Bio diesel - Jatropha, CNG) |

The Phase 1, Green Campus Initiative at Higher Educational Institutions and Universities of Puducherry and Tamilnadu are challenging and requiring determination with a long-term commitment from the management, administrators, staffs, and students on the part of the entire campus community. To conclude, our main agenda is to address the challenges of sustainable development at institutional level and implement effective and immediate measures to prevent environmental degradation, which is purely based on the Precautionary principle 15 of Rio Declaration which states *“where there are threats of serious or irreversible damage, lack of full scientific certainty shall not be used as reason for postponing cost effective measures to prevent environmental degradation”*.

* Conditions Apply

For details contact:

“Green Campus Initiative Co-operative Movement”

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