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Address for Communication

Dr. K. Murugesan
Organizing Secretary
Department of Environmental Science
Periyar University, Periyar Palkalai Nagar,
Salem - 636 011
Tamil Nadu, India.
Mobile: 9789934228
Email: murugesan@periyaruniversity.ac.in

Registration Form

National Seminar on

"Turning Waste into Resources for Sustainable Future"

9th April 2015

Name :
Designation :
Institution/Organization :
Address :

Telephone / Mobile :
E-mail :

Registration Fee details

Amount & DD number :
Name of the Bank :
Date :

(The DD should be drawn in favour of "**The Head, Department of Environmental Science, Periyar University**" payable at Salem, Tamil Nadu, India).

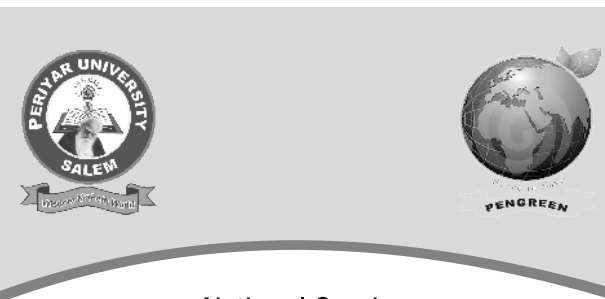
Date : Signature

Note: Photocopies of registration form are also accepted.

Mode of Payment: Non-refundable Account Payee Demand Draft (DD) / Direct Bank Transfer.

The registration fee for the seminar is applicable to all the participants, includes admission to all technical sessions, working lunch and high tea. The registration fee must be paid by non-refundable Demand Draft (DD) in favour of The Head, Department of Environmental Science, Periyar University and send the same to the contact address or bank transfer (The Head, Department of Environmental Science, A/c No.8450101002661 IFSC Code:CNRB0008450 CANARA BANK)

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National Seminar
on

"Turning Waste into Resources for Sustainable Future"

9th April 2015

Organized by

Department of Environmental Science
School of Life Sciences
Periyar University

Periyar Palkalai Nagar, Salem - 636 011

Venue

Seminar Hall
Old Science Block
Periyar University, Salem
Tamil Nadu, India



About the Periyar University

The Government of Tamil Nadu established Periyar University at Salem on 17th September 1997 as per the provisions of the Periyar University Act, 1997. The University covers the area comprising the districts of Salem, Namakkal, Dharmapuri and Krishnagiri. The University got the 12(B) and 2(f) status from the University Grants Commission and has been accredited by NAAC. The established Departments, Centers, Institutes and Chairs are contributing their best through academic, research and extension activities. The University is playing a paramount role in bringing up multi-faceted development for the country. The University is consistently organizing various academic activities to bring researchers and scholars under one umbrella to discuss, deliberate and carve out time demanding solutions to social issues. The University stands apart with its unique "Village Adoption" activity. The University tie-ups with various academic, research institutes and Universities across the world bring laurels to the academia.

About the Department

The Department of Environmental Science was established in the year 2011. The Department is armed with well qualified, dedicated and experienced faculty members. The Department of Environmental Science transforms science and serve society by educating, creating and putting knowledge to work on a large scale and with excellence in the multidisciplinary fields of Environmental Science. The department provides quality and value based education by motivating the practical skills of students and creating awareness on the recent advances in environmental science and research fields worldwide, which makes the student as renovator to seek remedy for the sustainable future with a clear vision and mission. The Department also has a Scientific Association "PENGREEN" which involves in various academic and research activities including seminars/ lectures/ industrial and onsite training programmes for the post graduate students to gain wider knowledge and sets a good example for capability of independent thinking and creativity for newer ideas. PENGREEN Association also conducts extension activities to the public to create an awareness on various environmental issues and remedies.

About the Seminar

Exponential population growth and industrialization over the centuries have brought various global issues, which includes voluminous solid waste generation, drastic increase in energy consumption, increasing emissions of greenhouse gases, depletion of fossil fuels, etc. These anthropogenic activities pose severe pressure on the environmental and human health. Management of the solid wastes generated from urban and industrial sectors is one of the biggest environmental challenges worldwide. As a sustainable and eco-friendly waste management practice 'wastes are no longer treated as wastes' and are being turned into resources for the production of valuable commodities like renewable energy. Conversion of solid wastes into renewable energy has received the highest priority among all. Renewable energy contributes ~13% of the total global energy utilization that includes about 10% of the bioenergy derived in the form of solid, liquid and gaseous biofuels products from biological raw materials/wastes.

Bioenergy is expected to contribute 20-30% of the total energy consumption in the near future. Advanced strategies have been developed for the production of various kinds of modern renewable energies from a wide range of organic wastes. However, the waste conversion strategies still face major constraints in terms of costs, lower yields, etc. Solid wastes from municipal and agro-industrial sources are being considered as a potential renewable energy resource. A sustainable waste management practice essentially needs innovative conversion and recycling technologies, especially heterogeneous wastes like municipal solid wastes, food wastes and sewage sludge. Biorefinery approach has recently become a promising strategy for producing an array of products from organic wastes. This seminar particularly aims at bringing up the current conversion strategies of various organic wastes into valuable energy resources for a sustainable future.

Resource Persons

Prof. P. Gunasekaran

Vice Chancellor
Thiruvalluvar University,
Vellore, Tamil Nadu

Prof. Jonathan W.C. Wong

Professor, Department of Biology
Director, Sino-Forest Applied Research Centre for Pearl River Delta Environment
Director, Hong Kong Organic Resource Centre
Hong Kong Baptist University
Kowloon Tong, Hong Kong

Prof. N.O. Gopal

Professor and Head
Department of Microbiology
Agricultural College and Research Institute, Madurai (AC & RI)
Tamil Nadu Agriculture University, Coimbatore

Dr. Akila Kalaiachelvan

Managing Director
ALKA Research Foundation
Coimbatore, Tamil Nadu

Registration Fee

On or before 8th April 2015

Faculty/Scientists/Staffs	: INR 300
Students/Research Scholars	: INR 150
Corporate/Private/Business Sectors	: INR 500
Date and Venue	: 09-04-2015 Seminar Hall, Periyar University Salem – 636 011

