



PERIYAR UNIVERSITY

NAAC A++ Grade-State University - NIRF Rank 63 - ARIIA Rank 10

SALEM - 636 011, TAMIL NADU

Newsletter

December 2022



Tamil Nadu Legislative Assembly Committee Visit



Energy Conservation Day – 2022

School of Energy and Environmental Sciences, the Institution's Innovation Council, and the Institution of Engineers (India), Salem Local Centre, Salem

School of Energy and Environmental Sciences, the Institution's Innovation Council, and the Institution of Engineers (India), Salem Local Centre, Salem celebrated the Energy Conservation Day – 2022 on 14-12-2022 to create awareness on the energy conservation. They arranged a technical talk on the Importance of Energy, Its Conservation, and Efficiency.

Er. N. Senthilkumar, MIE, Honorary Secretary, IE(I)-Salem Local Centre, Salem welcomed the gathering. Then, the Chief Guest, Er. R. Neelamegam, BEE Certified Energy Manager & Energy Consultant, Quality Quest Engineers delivered the technical talk on the Importance



Finally, Dr. K. Murugesan, the Coordinator of the School of Energy and Environmental Sciences delivered the vote of thanks. Dr. K. A. Ramesh Kumar, Head of the Department of Energy Science and Technology, and Professors of the Department of Energy Science and Technology and Department of Environmental Science, and students benefited from this function.



In the inaugural address, Vice Chancellor, Prof. R. Jagannathan explained to the students in detail the importance of energy conservation in the future and the need for wind power generation.

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Workshop on HPLC, GCMS, SEM, and RT-PCR techniques

Microbiology & Vinayaka Mission's Research Foundation

The Department of Microbiology organized a Two-day workshop on HPLC, GCMS, SEM, and RT-PCR techniques in association with Vinayaka Mission Research Foundation (DU) on 08.12.2022 and 09.12.2022.



The Honorable Vice Chancellor, Prof. R. Jagannathan, inaugurated the event, and expressing his happiness about the programme he shared his experience of his time as a research scholar and outlined the importance of analytical instruments in research. He asked the research scholars to gain access to the Instrumentation facilities available in the University in the best possible way in their research and asked them to thoroughly learn the technique and apply it in their study. He asked the participants to make the best use of the expertise of the resource person in this workshop for making this learning process a fruitful one.



In the programme, Dr. R. Balagurunathan, Registrar (FAC), Professor, and Head Department of Microbiology signed an MOU with the Vinayaka Mission Research Foundation and explained how such ventures enhance the research environment of both institutions by the way of conducting workshops, seminars, and submit proposals to the funding agencies. He also talked about the importance of analytical instruments in research asking the participants to make the best use of this workshop. The Registrar also narrated the milestones reached by the university under the able guidance of the Honourable Vice-chancellor with his untiring efforts to make the university achieve excellence.

In his felicitation address Dr. S. Suriyanarayanan, Deputy Director of Research Vinayaka Mission Research Foundation (DU), Salem thanked the Vice Chancellor and Registrar for giving a nice opportunity to jointly work with the University for the Research activities. He also mentioned that these kinds of programmes will help the faculties of both universities to know each other, share, and exchange their research ideas and come on a common platform to work together for a bright future. Dr. P. M. Ayyasamy, Associate Professor of the Department, had made the arrangements for organizing the event.



World Soil Day-2022 celebrated to improve soil health sustainably

Environmental Science & State Agriculture-Farmers Welfare Department

The Department of Environmental Science (EVS) organized an Environmental Awareness Programme on “World Soil Day 2022” associating with State Agriculture-Farmers Welfare Department, Salem District, and SPIC on 05.12.2022. Dr. K. Murugesan, Professor and Head, the Department of Environmental Science welcomed the participants for the event.



Prof. R. Jagannathan, the Vice Chancellor, in his presidential address, stated that 60% of the agricultural yield loss is due to pollution and several new technologies such as hydroponics, aeroponics, and vertical farming are practiced throughout the world to manage the lesser arable land for cultivation and to meet the food demand. He also highlighted the other threats to soil quality like soil sealing, soil erosion, and imbalance of nutrient management. Further, he insisted the current scenario of poor soil quality in terms of 0.1 percent of organic carbon existed in most of the farm soils instead of 5 percent. Also, he specified that crop burning after harvesting affects the soil as well as human health through poor air quality, especially in Delhi. He also insisted that scientists are ready to focus on the utilization of stubble wastes as manures which are utilized to improve soil quality and also reduce air pollution.



Mr. S. Singaram, District Agricultural Joint Director, in the special address, highlighted that untreated effluents and polluted water are the utmost reason for soil degradation; and that already one-third of the soil was degraded for various reasons and also we are in a position to ensure food security for the global population of approximately 9.7 billion by 2050. Further, he highlighted the different types of soils that existed in Salem and their significant role in agricultural productivity.

Dr. Saravanan Kandasamy, Organic Farmer, highlighted the significance of organic farming practices and the possibilities to enhance the farmer's income through value-added products, especially for moringa.

Mrs. R. Kavitha, Assistant Director of Agriculture-Farmers Welfare Department, Salem, Mr. K.R.Jayabalan, Regional manager, SPIC, and Mr. C.Periannan, Salem Farmers Forum delivered the felicitation address at this event. In the programme Soil health card were distributed to farmers and farmers' interacted with the scientists. Dr. P. Thangavel, Assistant Professor, Dept. of EVS, had organized the event.

Motivation Programme on Varalatril Vazhvom

Periyar University Alumni Association

On behalf of the Periyar University Alumni Association, Periyar University, a motivation programme themed “Varalatril Vazhvom (Live in History)” was held on 16.12.2022.



Periyar University Alumni Association Coordinator Dr. M. Sundaramurthy welcomed the gathering. Presiding over the event Hon’ble Vice-Chancellor Prof. R. Jagannathan emphasized that students should develop various individual skills beyond academic activities such as learning and teaching. He said that the students should be known as having various skills like painting, music, poetry, speech and sports and should identify themselves as a unique person among many people. He said that students should try to become great people who live in history like Thanthai Periyar and other leaders. He concluded his address by saying that the aim of the Alumni Association is to bring together Alumni students of Periyar University in various distinguished positions and to encourage the present students by taking them as role models.

The chief guest Dr. K. Selvarasu, Professor of Tamil Department, Tamil Nadu Agricultural University, Coimbatore gave a special speech on the topic “Varalatril Vazhvom (Let's live in history)”. In his lively speech, he mentioned that Alumni Association is an opportunity for students who have studied in an educational institution at different times to meet and the main aim is to comfort the students of the day through the alumni. Further he encouraged students to develop self-motivation and self-confidence during their studies; to work continuously in any place without getting tired or exhausted; and to develop their leadership qualities to become leaders. He concluded his keynote speech by saying that apart from getting the virtues of character such as respecting others, giving in, etc., one should also demonstrate one's abilities and create achievements wherever one gets the opportunity.



At the end of the event Dr. D. Arvind Prasanth, Member of Periyar University Alumni Association delivered the vote of thanks. The event was attended by university Professors, alumni association members, in-charges, university researchers and students.

World Disability day 2022



National Mathematics Day



National Mathematics Day was celebrated on 22.12.2022 in commemoration of the 135th birth anniversary of *SRINIVASA RAMANUJAN* by the Department of Mathematics

DDUGKY - Placement Linked Training Program



The Department of Computer Science conducted placement linked training program under DDUGKY on 26.12.2022