



PERIYAR UNIVERSITY

State University - NIRF Rank 59 - NIRF Innovation Band of 11-50
Salem-636011, Tamil Nadu, India.

Newsletter

February 2024



INDUSTRY 4.0 AND MANUFACTURING STRATEGIES (Special Lecture): Management Studies

Department of Management Studies in association with Centre for International Relations (CIR) jointly organized a Special Lecture on "INDUSTRY 4.0 AND MANUFACTURING STRATEGIES".

Mr. George Rozario Ramesh, General Director, Steppe Cements Ltd, Karcement JSC, Kazakhstan gave the special address while sharing his experiences in school and college along with the topic. He advised students to utilize this programme and propagate the outcome to society. He discussed about the World Class Manufacturing and the four generations of industrial Revolutions - which comprises of 1st Generation (water power & steam engine), 2nd Generation (Electric power), 3rd Generation (computerization). And now the 4th Generation and it is Extensive Individualization and radical change. Industry 4.0, the Fourth Industrial Revolution, and 4IR all refer to the current era of connectivity, advanced analytics, automation, and advanced-manufacturing technology.

He also pointed out the need of IoT (Internet of things) and the importance of AI (Artificial intelligence) and Cloud Computing in the field of Manufacturing. He encouraged the students to utilize their full potential in updating their knowledge and enhancement of skills along with the technological advancements.

Dr. K. Murugesan, Director- CIR, Professor and Head, Environmental Sciences, felicitated the event and shared the activities carried out by CIR and highlighted the importance of Industry 4.0 and how it is beneficial for the companies to stay competitive in the market.



Prof. V.R. Palanivelu, Professor and Head, Management Studies, convened the programme having Prof. T. Sarathy as the Organizing Secretary. More than 100 students and research scholars participated in the special lecture along with other department faculties.

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Observance of National Deworming Day: YRC

Youth Red Cross of Periyar University along with Karuppur and Omalur Primary Health Centers created awareness about National Deworming Day to students of Department of Statistics, Periyar University on 09.02.2024. Also Dr.M.Arun Kumar, Block Medical Officer and M.Sathish Kumar, Health Inspector-Karuppur made the students aware about how to protect ourselves from the disease infection in today's environment.

According to National Health Mission Department of Health and Family Welfare, Ministry of Health and Family Welfare, Government of India, the objective of National Deworming Day is to deworm all preschool and school-age children (enrolled and non-enrolled) between the ages of 1-19 years through the platform of schools and Anganwadi Centers in order to improve their overall health, nutritional status, access to education and quality of life. Soil Transmitted Helminths (STH) are a significant public health concern for India. Around 22 crore Indian children aged 1-14 are estimated to be at risk of worm infections. Worms in children interfere with nutrient uptake, and can contribute to anaemia, malnourishment, and impaired mental and physical development. To combat this issue, in 2015 the Government of India launched the fixed-day Anganwadi and school-based National Deworming Day to deworm all children aged 1-19 years. The National Deworming Day is conducted in all states/UTs in 2 rounds – 1st round on February 10 followed by 2nd round on 10 August every year.



FDP on 'Healthy Practices for Sustainable Environment Economy and Society

The Department of Environmental Science organized a five-day Faculty Development Program on 'Healthy Practices for Sustainable Environment Economy and Society' in association with IQAC of Periyar University from 19.02,2024 to 23.02.2024. The program covered lectures on Sources, Exposure and Impact of Persistent Organic Pollutants, Environment, Health and Sustainability, Marine Environment Status, Constraints and Solutions, Sustainable eating for healthy longevity, Environmental Cues for Healthy Living, Circular Economy for Sustainable Environment, Ecopsychology, Connecting Community, and Environmental Governance Healthy Practices.

Resource Persons from a wide variety of disciplines ranging from marine Bio-Technology to Eco-Psychology that aims for ecological thought discussed their ideas. The program also included a one day field trip to Yercaud for visiting the abandoned mine sites and Botanical Survey of India. 31 Faculty Members of Periyar University participated in the need of the hour programme.



Special Lecture on Apparel Quality Control: Textiles and Apparel Design

The Department of Textiles and Apparel Design conducted a Special Lecture on Apparel Quality Control. Mr. Sivakumar, Quality Executive, Primero Intimates, delivered the special lecture. 97 enthusiastic students seeking a career in the Apparel Industry participated in the event. His expertise fascinated participants as he discussed manufacturing procedures, quality assurance methodologies, and industry standards. The students found the seminar quite instructive and demonstrated a strong willingness to apply the knowledge gained to their career goals in apparel quality control.



Placement Training in Apparel Sector: Textiles & Apparel Design

The Department of Textiles and Apparel Design organized a one day Placement Training in Apparel Sector on 21.02.2024. Mr. S. Kannan, General Manager, PRISMA Fashion, Tirupur, the Resource Person trained students in learning about the Placement Opportunities in Apparel Sector; How to attend the Interviews; and a brief note on Apparel Sector Through Interactive Session. Around 60 students got benefited from the programme.



International Seminar on Recent Trends in Energy Technology: Energy Science and Technology

The Department of Energy Science and Technology organized an International Seminar on Recent Trends in Energy Technology on 22.02.2024. Presiding over the programme Prof. R. Jagannathan, Vice chancellor highlighted higher education in developed countries. He also talked about utilizing of energy from different sectors and revealed how recent trends in energy technology provide a beacon of hope and opportunity for a brighter, greener future.

The chief guest Prof. Sejoon lee, Dongguk University, South Korea, highlighted the importance of renewable energy sources quoting how the momentum behind solar and wind power is not just a trend; it is a transformative force. He also spoke about the challenges of increasing energy demand and the need for sustainable solutions.

Prof. Youngmine Lee, Dongguk University, South Korea, and Dr. Sankar Sekar, Dongguk University, South Korea, and Dr. S. Arungalai Vendan, Dayananda Sagar University, Bengaluru felicitated the seminar.

Dr. K.A.Ramesh Kumar, Professor and Head, Department Energy Science and Technology convened the event.



Two-day Workshop: Textiles and Apparel Design

The Department of Textiles and Apparel Design organized a Two-day workshop on 22.02.2024 and 23.02.2024 for the first year students of Textile and Apparel Designing. 52 students participated in this workshop. Dr. S. Lakshmi Manokari, Professor and Head of the Department presided over the programme and the special guest, Dr. Tamizhparithi, Assistant Professor, Department of Journalism and Mass Communication spoke on the topic, Kaniththamizhum Kalaisollakkamum. In addition, he taught the students how to use vocabulary on the Internet as the main objective and the method of translation in practice.



EDP training programme in technical textiles: Textiles and Apparel Design

The Department of Textiles and Apparel Design organized a one day EDP awareness program in technical textiles at PSG INDUTECH COE, Coimbatore on 23.2.2024. The first M.Sc. students, Research Scholars and Guest Faculty learned the various testing facilities available for technical textiles. Experts explained Non-woven fabric formation using needle punched and thermal bonding were clearly. Products made out of coir were displayed there using resins. Students also had the opportunity to visit Wet wipes and Facial Masks manufacturing plants. The visit was very useful to the students as well as scholars since they came to know the various testing facilities like flammability tester, oil and fuel filters testing, porometer testing, air permeability testing etc.



The COE INDUTECH is a project promoted by Ministry of Textiles, Government of India to promote the field of technical textiles in India. PSG College of Technology is setting up the COE in Industrial Textiles. It is a segment of Technical Textiles that has a wide range of products such as Conveyer Belts, Automobile Textile, etc.

Special Lecture on Boiler Audits and Energy Saving Opportunities: Energy Science & Technology

The Department of Energy Science and Technology conducted a Special Lecture on an Overview of Boiler Audits and Energy Saving Opportunities on 26.02.2024. Boiler energy audits are comprehensive assessments of a boiler system's energy performance, aimed at identifying areas of improvement and implementing energy-saving measures.



The Chief Guest, V. Govindaraju, B.Tech, MBA,MIE, C.Eng, DIS Certified Energy Auditor-BEE, Technical Consultant G Engineers, Bangalore, elaborated on the topic. About 49 students participated in the programme. Dr.K.A.Ramesh Kumar, Professor and Head of the department had given the presidential address.

Awareness Programme on Gender Sensitization: Women's Studies Centre

The Women's Studies Centre (WSC) conducted a Gender Sensitization Awareness Programme on 29.02.2024 and 04.02.2024.

Prof. P. Nazni, Director-WSC, emphasized the importance of creating a more inclusive and equitable society with the knowledge of gender sensitization during the inauguration of the programme. In his inaugural address at the gender sensitization awareness programme, Dr. M. Jeyaseelan, Associate Professor in Sociology, highlighted the critical need to address gender disparities and promote equality. He underscored the importance of gender sensitization awareness for making change towards a more inclusive and equitable society. He commended the Women's Studies Centre of Periyar University for their dedication to raising awareness about gender sensitization.

Day I - 29.02.2024: Dr. M. Jeyaseelan's lecture on gender parity provided valuable insights into the challenges and opportunities for achieving gender equality. Participants engaged in lively discussions on strategies for addressing gender disparities in various contexts, from education and employment to politics and decision-making. Dr. P. Sethurajakumar's session on gender and health highlighted the intersectionality of gender with other social determinants of health. Attendees learned about the importance of addressing gender-based barriers to healthcare access and delivery, with a focus on promoting reproductive health and addressing gender-based violence.

Day II - 01.03.2024: Dr. D. V. Nithyanandan's exploration of the psychology of gender provided participants with a deeper understanding of how societal norms and expectations influence individual behavior and identity formation. Attendees reflected on their own experiences and biases, gained insights into promoting gender-sensitive attitudes and behaviors.

Day III - 04.03.2024: Dr. S. Balamurugan's motivational speech on transitioning from artificial intelligence (AI) to human intelligence (HI) resonated with participants, emphasizing the importance of life, choice of work and captured the methods for quality of life. Attendees left feeling empowered to embrace their humanity and champion diversity and inclusion in their communities. Dr. S. Ravichandran's session on the history of the women's movement in India inspired attendees with stories of resilience, solidarity, and progress. Participants learned about the struggles and triumphs of women leaders and activists throughout history and were encouraged to continue advocating for gender equality and social justice.

