



# PERIYAR UNIVERSITY

NAAC 'A++' Grade - State University - NIRF Rank 56 - State Public University Rank 25  
Salem-636011, Tamil Nadu, India.

# NEWSLETTER

## February 2025





## Kalaiginar Research Center: Perarignar Anna's 56<sup>th</sup> Anniversary with Special Lecture

Kalaiginar Research Center (KRC) observed the 56<sup>th</sup> anniversary of Perarignar Anna on February 3, 2025. The commemoration began with Dr. P. Viswanathamurthy, Registrar (FAC), and Chief Guest Pulavar Po. Velsamy, and students paying floral tribute to Perarignar Anna's photograph. Following the tribute, a special lecture program highlighting Anna's multifaceted personality was held at the KRC.



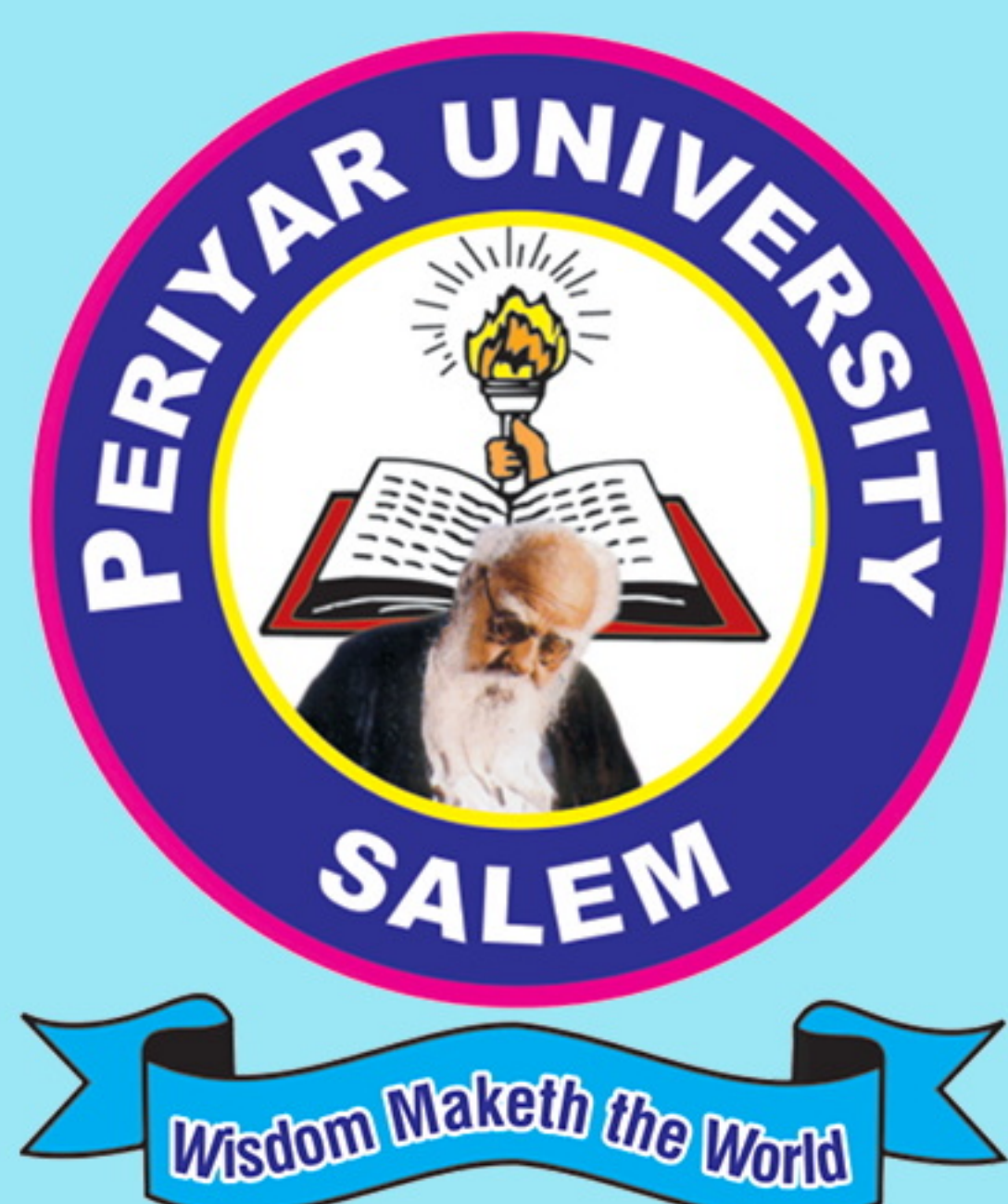
Dr. R. Subramani, Director (i/c), welcomed the attendees, and Prof. P. Viswanathamurthy, Registrar (FAC), delivered the presidential address. The keynote address was presented by Pulavar Po. Velsamy, Researcher, who delivered a special lecture on Arignar Anna. The event saw participation from over 110 students across various university departments.

## Empowering a Zero Waste Future: Energy Science and Technology Hosts Special Lecture

The Department of Energy Science and Technology organized a special lecture on February 4, 2025, focusing on "Empowering a Zero Waste Future by Innovative Technologies and its Entrepreneur Opportunities." The lecture featured Ms. R. Harini, CEO of Green Connect, Salem, as the chief guest. Dr. R. Thangappan welcomed the gathering, and Dr. K. A. Ramesh Kumar, Professor and Head of the department, gave the presidential address and spoke on the importance of waste and energy conservation. Ms. Harini delivered an elaborate lecture on the topic.



## அறிவால் விளையும் உலகு



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## Computer Science Explores Open Education Resources with Local School

Department of Computer Science conducted an extension activity on February 5, 2025, at Mettur Government Higher Secondary School to explore Open Education Resources and educate students about advancements in computer science. The program was inaugurated by Dr. C. Chandrasekar, Professor and Head of the Department. Coordinated by Dr. I. Laurence Aroquiaraj and Dr. H. Hannah Inbarani, the event included activities such as Digital Treasure Hunt, Faster Recall: Smart Study Flash Cards, Typing Speed Game, Emotion Detection, Future of Artificial Intelligence, Introduction to Microsoft Excel, Cyber Safety Awareness, Virtual Science Lab using IoT, Computer Architecture, and Computer Parts, led by MCA and M.Sc. Computer Science students. A total of 15 teams guided 9<sup>th</sup>-standard students, providing valuable insights into applying technology in real-world scenarios. The session concluded with a Q&A on career opportunities in technology and cybersecurity, successfully educating and inspiring the school students.



## Raising Awareness: Digital Assistive Technology for Visually Impaired Students

An awareness program on Digital Assistive Technology for Visually Impaired Students was held on February 6, 2025, with the participation of 42 M.Sc. Data Science students and 4 faculty members. The program, held at Govt. Blind Middle School, Shevapet, Salem, aimed to introduce technologies that empower visually impaired students in their education and daily lives. Dr. R. Rathipriya welcomed the participants and provided an overview of digital assistive technologies and their significance in inclusive education, emphasizing the role of AI-powered tools. Students demonstrated various AI tools designed to improve learning experiences and assist visually impaired individuals during examinations, showcasing advancements in speech-to-text conversion, screen readers, braille technology, and AI-based learning assistants. The session provided valuable insights into the challenges faced by visually impaired individuals and the potential of AI in developing assistive solutions, inspiring students to contribute to innovative AI-driven assistive technologies.

## Mathematics Adopts Village School for Community Outreach

The Department of Mathematics successfully conducted a Village Adoption program on February 5, 2025, at Vellakkalpatti Union Primary School. Faculty members including Dr. V. Muthulakshmi, Dr. S. Karthikeyan, Dr. S. Padmasekaran, and Dr. M. Sampath, along with postgraduate and research students, participated. The event was attended by Block Development Officer as a special guest. The mathematics department donated pens, pencils, and geometry boxes to the school children to aid their education. Participants also cleaned the school premises and planted saplings, successfully completing the program.



## National Seminar on Jal Jeevan Mission Explores the Road Ahead to SDGs

A National Seminar on "Jal Jeevan Mission: The Road Ahead to SDGs (3, 5, 6 & 11)" was successfully held on February 6<sup>th</sup> and 7<sup>th</sup>, 2025, bringing together policymakers, researchers, academicians, and practitioners. The seminar deliberated on the role of the Jal Jeevan Mission (JJM) in achieving sustainable water management and its impact on key Sustainable Development Goals. The Hon'ble Vice Chancellor, Prof. Dr. R. Jagannathan, emphasized the importance of water security and the role of institutions in capacity-building. Mr. M. Elangovan, Executive Director of Gramalaya, delivered the inaugural address, highlighting community-driven water and sanitation initiatives. Renowned resource persons presented papers on topics including strengthening water governance, water resource management, localizing SDGs, and the JJM's role in inclusive growth and Viksit Bharat @2047. The seminar concluded with key recommendations for effective JJM implementation, promoting community participation, enhancing technological innovations, and integrating gender-sensitive approaches in water governance.



## Statistics Students Gain Insights into Space Technology with Industrial Visit to VSSC

The Department of Statistics organized a two-day industrial visit to Vikram Sarabhai Space Centre (VSSC) in Trivandrum, Kerala, on February 6<sup>th</sup> and 7<sup>th</sup>, 2025, for M.Sc. students. The visit provided invaluable insights into the vast region above Earth's atmosphere and the space technology used to study it, including rocket technology, satellite technology, ground systems, and deep space communication. The experience was enriching and contributed greatly to the students' understanding of practical space technology. A total of 62 students and 3 faculty members participated in the visit.



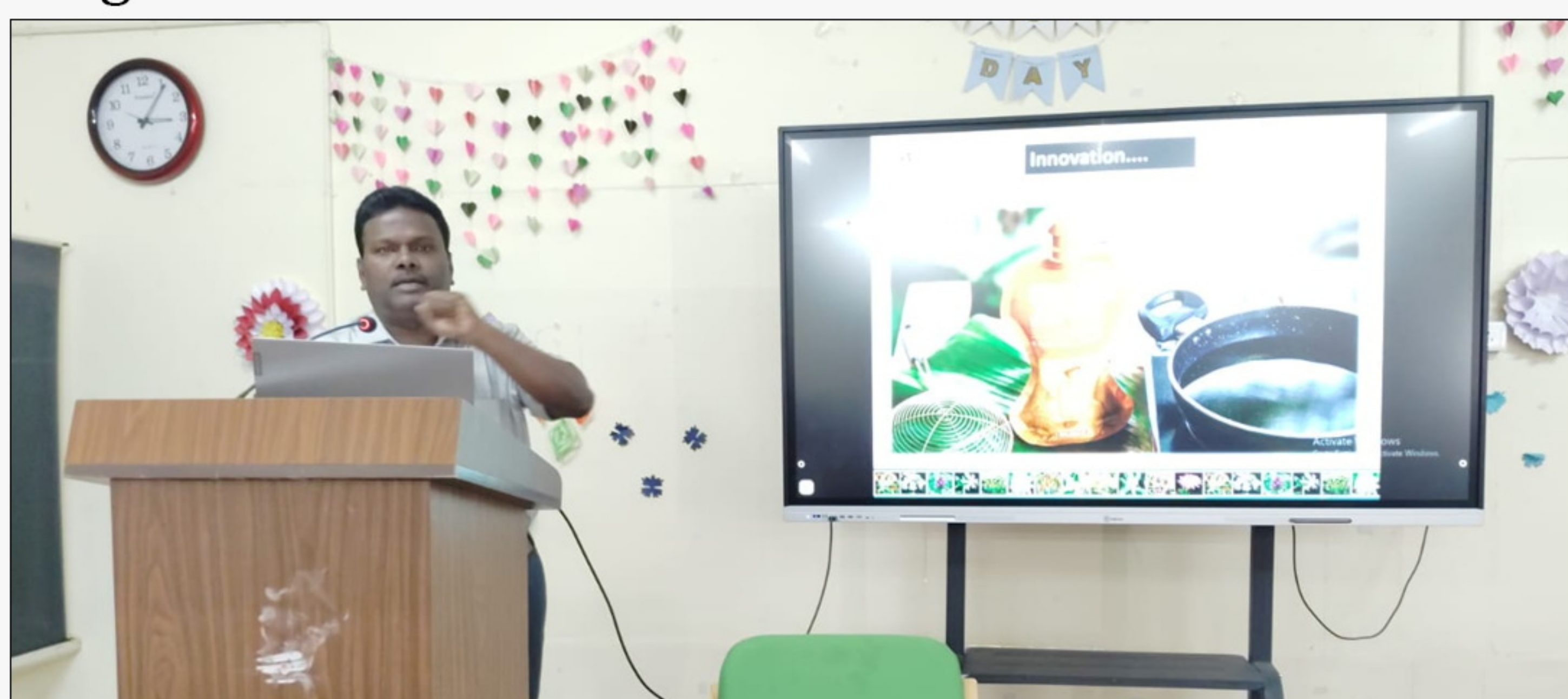
## Enhancing Self-Development: Library and Information Science Hosts Personality Skills Program

The Department of Library and Information Science organized a Personality Skills program on February 7, 2025, at the Old Science Block. The program commenced with a welcome speech by Prof. Dr. N. Radhakrishnan, who highlighted the importance of self-improvement. Dr. T. Sarathy, Professor, Department of Management Studies, Periyar University, was the guest speaker. He emphasized the concept of self-enhancement skills and elaborated on ten different aspects for self-development, including various forms of intelligence such as verbal, numerical, creative, engineering, interpersonal, intrapersonal, sensory, physical, spiritual, and the intelligence of intelligence. The session provided valuable insights and practical strategies for personal and professional growth and was described as highly engaging and thought-provoking. The program concluded with students sharing positive feedback.



## Biotechnology Lecture Focuses on Intellectual Property Rights, Biosafety, and Bioethics

The Department of Biotechnology at Periyar University organized an Invited Lecture Programme on February 7, 2025, focusing on Intellectual Property Rights, Biosafety, and Bioethics. The lecture, held at the department's seminar hall, aimed to create awareness about IPR, biosafety regulations, and bioethics among students and researchers. Dr. T. Parimelazhagan, Professor and Head and Dean of Science, Department of Botany, Bharathiyar University, Coimbatore, was the resource person. The program encouraged dialogue on legal and ethical frameworks governing scientific innovations and provided valuable insights into the legal, safety, and ethical aspects of scientific research and biotechnology. Engaging sessions enhanced participants' understanding of patents, biosafety regulations, and ethical concerns in emerging technologies. Faculty members, students, and scholars attended the lecture and gained valuable insights.



## Philomath 2K25: Celebrating Mathematics and Cultivating Student Talent

The Department of Mathematics organized the third edition of Philomath 2K25 under the Ramanujan Math Club on February 7, 2025. The event aimed to cultivate a deeper appreciation for mathematics through intellectually stimulating competitions. A total of 344 participants from 23 institutions across Tamil Nadu actively participated in eight different competitions designed to challenge mathematical thinking, problem-solving skills, and creativity. The inaugural session was graced by the Vice-Chancellor, Prof. R. Jagannathan, who spoke on the prominent role of mathematics in daily life. The event concluded with a prize distribution ceremony.





## Microbiology Hosts Special Lecture Programme to Enhance Research Skills

The Department of Microbiology at Periyar University organized a one-day Special Lecture Programme on February 7, 2025. The program aimed to update the research skills of faculty members, scholars, and postgraduate students and familiarize them with microbiological advancements. Dr. A. Murugan, Professor and Head, welcomed the two eminent resource persons, Dr. B. Ganesh, Scientist E, Deputy Director, ICMR - National Institute of Epidemiology, Chennai, and Dr. G. Velmurugan, Scientist, Chemomicrobiomics Laboratory, KMCH, Research Foundation, Coimbatore.



## Textiles and Apparel Design Students Gain Industry Insights at Texvalley Field Visit

The Department of Textiles and Apparel Design organized a one-day field visit to Texvalley in Erode on February 7, 2025. The visit provided first-hand exposure to retail store operations, visual merchandising, and customer engagement strategies in a renowned textile hub. Students observed store layouts, product displays, signage, and digital retail techniques, enhancing their understanding of consumer behaviour and market trends. They also interacted with store managers, learning about inventory management, pricing strategies, and branding. This experiential learning opportunity bridged the gap between theory and practice, offering valuable insights into the textile and apparel industry and inspiring students to explore fashion retail and business strategies further.



## Botany Hosts Successful Alumni Meet 2025

The Department of Botany held its Alumni Meet 2025 on February 8, 2025. The meeting included discussions on appreciating university rankings, congratulating faculty achievements and meritorious students, and planning for the growth and future journey of the department and the Alumni Association. More than 40 alumni participated, sharing their experiences and passing resolutions for the future of the association.



## Management Studies Seminar Explores Entrepreneurship, Innovation, and Technology

The Department of Management Studies organized a seminar on "Entrepreneurship, Innovation & Technology" on February 13, 2025. The seminar aimed to educate students about these key areas. Dr. G. Yoganandan, Professor and Head (i/c), gave a presidential address highlighting the Ministry of Education's focus on creating an Entrepreneurship Ecosystem and the importance of innovation. Dr. T. Sarathy spoke on "Futuristic Entrepreneurship," Dr. R. Subramaniya Bharathy discussed "Technology & Critical Thinking," and Dr. S. Balamurugan presented on "Innovation and Business". Seventy-five students attended the program, gaining knowledge on how the Entrepreneurship Ecosystem works and the future impact of innovation on business.





## Microbiology Special Lecture Focuses on Rabies Viral Disease

The Department of Microbiology organized a one-day Special Lecture Programme on February 10, 2025, to update the research skills of faculty, scholars, and PG students. The program featured Dr. S. Jeganathan, Research Officer at the Pasteur Institute of India, Coonoor, as the resource person. Dr. Jeganathan highlighted Rabies Viral Disease, discussing its causes, symptoms, and control methods. Seventy participants from the department benefited from this special lecture.



## Nutrition and Dietetics Hosts Faculty Development Programme on Emerging Trends in Teaching and Research

The Department of Nutrition and Dietetics, in collaboration with the IQAC, organized a Faculty Development Programme on "Emerging Trends in Teaching and Research" starting on February 17, 2025. The program aimed to enhance educators' teaching, research, and leadership skills. The inaugural function was presided over by Honourable Vice-Chancellor Prof. Dr. R. Jagannathan. Sessions included topics such as Strategic Management of Ambition Resources and Techniques (SMART) by Dr. S. P. Muthukumar, Brain-Based Learning by Dr. S. Kadiravan, Maintaining Quality of, AI-Assisted Literature Review and Hypothesis Generation by Dr. Gopinath Madeswaran, Crafting E-Content for Heutagogy Learners by Dr. R. Subramaniya Bharathy, Exploring Interdisciplinary Research Strategies by Dr. G. Yoganandhan, Teaching Curriculum and Research Directions in AI by Dr. I. Laurence Aroquiaraj, and One Health Approach to Manage Emerging Human Diseases by Dr. A. Murugan. Dr. R. MohanRaj presented on Advances in Research Data Analytics.



## Journalism and Mass Communication Holds Workshop on the Power of Narrative in Magazine Writing

On February 12, 2025, the Department of Journalism and Mass Communication organized a workshop on "The Power of Narrative" for its students. This event, part of the final year MA students' Event Management Practical, featured Mr. Lenin Agathiyanaadan, Sub-Editor at Kumudam Magazine, as the resource person. He lectured on the nuances of magazine writing, sharing insights on crafting engaging narratives and emphasizing the need for truthful storytelling in magazine news. Around fifty students attended the workshop, which concluded with a feedback session.



## Textiles and Apparel Design Organizes Workshop on 'Internet Tamil'

The Department of Textiles and Apparel Design organized a two-day workshop on 'Internet Tamil' on February 13 and 14, 2025. The workshop was led by Dr. S. Lakshminamachari, Head of the Department, and coordinated by Mr. M. Ganesan. Dr. M. Tamizhpaarathi served as the Chief Guest and resource person, conducting sessions on Tamil blog content creation, translation techniques, and digital communication. Students received hands-on training in creating Tamil content for blogs and websites and learned essential translation tools. The workshop saw enthusiastic participation and included interactive discussions and practical exercises.





## Women's Studies Centre Hosts National Conference on Advanced Technologies to Enhance Women's Health

The Women's Studies Centre successfully organized a UGC-sponsored Two-Day National Conference on Advanced Technologies to Enhance Women's Health (NCWH-2025) on February 13<sup>th</sup> and 14<sup>th</sup>, 2025. The conference aimed to explore cutting-edge technological advancements in healthcare focusing on their impact on women's health and well-being. Eminent academicians, researchers, and industry experts participated. The event was inaugurated by Prof. Dr. R. Jagannathan, Honourable Vice-Chancellor, who emphasized the university's commitment to research-driven healthcare solutions. The conference included technical sessions covering topics such as digital health innovations, AI in obstetrics and gynaecology, the role of probiotics, and innovative cancer treatment approaches. A souvenir of the proceedings was released. Prof. Dr. S. Kadiravan, Controller of Examinations, and Dr. S. Jayanthi, Syndicate Member felicitated the valedictory function.



## Biochemistry Conducts Hands-On Real-Time PCR Workshop

The Department of Biochemistry successfully organized a one-day workshop on "From Theory to Practice: Real-Time PCR Workshop" on February 18, 2025. Thirty participants, including M.Sc. students and research scholars, received hands-on training in real-time PCR (qPCR), a crucial technique in molecular biology used in gene expression analysis, disease diagnostics, and biotechnology research.



## Energy Science and Technology Welcomes Alumni for Lecture on Solar Installation and Maintenance

The Department of Energy Science and Technology organized an Alumni Lecture Series on "Solar Installation and Maintenance" on February 14, 2025. Dr. R. Thangappan welcomed the gathering, and Dr. K. A. Ramesh Kumar, Professor and Head, gave the presidential address, speaking on the importance of alumni contributions. The chief guest and resource person was Mr. R. Muralidaran, an alumnus and Proprietor of VJ MultiTech Solar, who delivered a detailed lecture on the topic. Dr. M. Dhanarasu gave the vote of thanks. Students, research scholars, and guest faculty were present.



## Zoology Conducts Vermicomposting and Mosquito Control Program in Adopted Village

On February 14, 2025, the Department of Zoology conducted a vermicomposting program and mosquito control awareness campaign in Samminakkenpatti Village as part of the Village Adoption Scheme. The initiative aimed to educate the community on sustainable development and public health. The vermicomposting program explained various approaches, including preparation, application, and management of vermicompost and vermiwash. The mosquito control program focused on raising awareness of mosquito-borne diseases like dengue and teaching control methods. School children were educated on disease transmission and prevention. Faculty members distributed pamphlets with information on mosquito habitats, symptoms, prevention, and treatment. The event was organized by Dr. N. Kayalvizhi and coordinated by Dr. R. Maheswaran and Dr. A. Nareshkumar.





## Mathematics Hosts International Conference on Differential Equations and Numerical Analysis

The Department of Mathematics organized a two-day International Conference on Advances in Differential Equations and Numerical Analysis (ICADENA-2025) on February 20-21, 2025. Sponsored by the Anusandhan National Research Foundation, the conference featured lectures by esteemed speakers from institutions like IISc, IIT, and Bharathiar University. The topics covered included applications of non-linear models in differential equations, modern control systems, and modeling mathematical problems with applications in science and technology. The conference included interactive sessions and concluded with a valedictory address.



## Textiles and Apparel Design Students Visit Central Silk Board for Industrial Exposure

PG students from the Department of Textiles and Apparel Design visited the Central Silk Board in Bangalore on February 19, 2025, for a one-day industrial visit. Around 32 students explored various laboratories, including silk reeling, degumming, and weaving on handlooms and power-looms. They also observed wet processing techniques like dyeing with natural and synthetic dyes and printing with natural dyes on silk fabrics. Experts demonstrated and explained the processes, and different varieties of silk yarns and fabrics were displayed. The visit motivated students to consider projects in silk yarns and fabrics.



## Energy Science & Technology Offers Value Added Course on Hybrid Vehicles

The Department of Energy Science and Technology organized a Value Added Course on "Hybrid Vehicles" on February 19, 2025. Dr. R. Arulmozhiyal, Professor from Sona College of Technology, Salem, served as the resource person and discussed hybrid vehicles, providing practical exposure and explaining their working mechanisms. Students, research scholars, and faculty members from the department attended the program.



## Journalism and Mass Communication Workshop Addresses Changing Roles of Digital Journalists

The Department of Journalism and Mass Communication organized a workshop titled "Changing Roles and Skills of Digital Journalists" on February 25, 2025. As part of a series of events by final year MA Journalism students, the workshop featured Mr. R. Ravi, Chief Editor of Dinakaran, Salem. Mr. Ravi shared his experiences on the differences between traditional and digital journalism, highlighted job opportunities in online journalism, and discussed the impact of social media on journalistic ethics. Dr. S. Nandakumar, Professor and Head of the department, addressed the advantages and disadvantages of digital journalism. Around 45 students attended the program, which concluded with a feedback session.





## Biotechnology Alumni Lecture Programme Focuses on Innovative Approaches to Sustainable Agriculture

The Department of Biotechnology organized an Alumni Lecture Programme on February 26, 2025, focusing on "Innovative Approaches to Sustainable Agriculture (Hybrid Mode)". The program aimed to provide students and faculty with insights into modern advancements in biotechnology and sustainable farming practices. The resource persons were Dr. Ramalingam Srinivasan from Yeungnam University, South Korea, and Dr. K. Kalaiarasi from Padmavani Arts and Science College for Women, Salem. The event fostered knowledge exchange, promoted research discussions, and highlighted eco-friendly agricultural solutions. Faculty members, students, and scholars attended the program and gained valuable insights.



## Computer Science Organizes Career Guidance Programme

The Department of Computer Science organized a one-day "Career Guidance Programme" on February 26, 2025. The program focused on Information Technology and Digital Transformation. Dr. C. Chandrasekhar delivered the welcome address and discussed the modern IT industry. Er. Thangamani Kalimuthu spoke about hiring job skills in IT and the steps involved in startups, explaining ERP and company leadership. In the afternoon, Barani explained the role of Data Science and how students can improve their skills in this area, including Machine Learning Algorithms. Dr. I. Laurence Aroquiaraj proposed the vote of thanks, emphasizing the usefulness of such events. The program was attended by faculty, staff, and first-year M.Sc. Computer Science, M.Sc. Data Science, and MCA students.



## Library and Information Science Discusses AI and Open Educational Resources

The Department of Library and Information Science organized a seminar on "Open Educational Resources" on February 28, 2025. Dr. R. Rathipriya lectured on the role of Artificial Intelligence (AI) in personalized learning, assessment, and administrative tasks, discussing AI tools like ChatGPT, Microsoft Copilot, and Google Gemini. She also addressed challenges such as privacy concerns and educational equity in the AI era, presenting case studies on AI's impact on personalized learning with tools like Napkin AI and Elicit. Dr. C. Murugan discussed Open Educational Resources (OERs) and their importance for free and accessible learning content, highlighting various OER platforms and resources. Dr. N. Radhakrishnan shared his experience on OERs and digital learning, discussing Indian OER initiatives. The program aimed to inform undergraduate students about the need for AI in learning, OERs, and career opportunities in Library and Information Science.



## Textiles and Apparel Design Students Visit SITRA for Exposure to Medical Textiles

PG students and faculty from the Department of Textiles and Apparel Design visited the South India Textile Research Association (SITRA) in Coimbatore on February 28, 2025. Dr. S. Gopalakrishnan introduced the students to medical textiles and the services offered by the Centre of Excellence for Medical Textiles. Students visited the incubation center where sanitary napkins, surgical masks, and wipes are manufactured, as well as various testing laboratories including biological, chemical, mechanical, and health and hygiene product testing. They also saw a display of products manufactured by the COE-Medical Textiles. The visit motivated students to consider utilizing these testing facilities for their future studies.

