Women's Christian College

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ACADEMIC ACTIVITIES
2024 - 2025

DEPARTMENT OF COMPUTER SCIENCE

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1. The Department of Computer Science conducted a **2-day Workshop on MS Excel** for the students of **III B.A. History**. **Ms. M Mercy Evangeline, Assistant Professor and Ms. Sathapdhini K P, Guest Lecturer were the Resource Persons for the workshop.** The workshop was conducted on 10th & 11th September 2024. The workshop successfully equipped students with valuable skills to enhance their data management and analysis capabilities.

2. The Department of Computer Science organized a **4-day Java workshop – A Placement Preparatory Program for III B.Sc. Computer Science students, held on the 4th, 5th, 6th, and 13th of September 2024.** The primary objective of the workshop was to provide students with a solid theoretical foundation in Java programming, introducing them to essential concepts and terminology. The workshop was designed to prepare students for industry expectations and enhance their prospects in placements, complementing the subjects taught as part of their curriculum. **Ms. L. Jessilla Malarvizhi, Assistant Professor, Department of Computer Science** was the Resource Person**.**

3. Our students participated in the **Library Orientation program, " Empowering students through the joy of reading"** organized by the **Information Resource Centre, WCC** on 24th September 2024**.**

4. **Ms. Regi Thomas, Associate Professor & Head, Department of Computer Science** was awarded the **"Best Teacher Award 2024"** by the **Rotary Club of Madras Metro.**

5. **Dr. V Narmadha, Associate Professor, Department of Computer Science** gave a **talk** on "Building Applications using LLM" in the **Professional Development Programme on "Empowering Digital Transformation with Cutting-Edge Technologies"** organized by the IQAC and Department of Computer Applications, **Sri Kanyaka Parameswari Arts and Science College for women,** Chennai between 16th and 20th September 2024.

6. A **National Workshop on Generative Artificial Intelligence (GenAI)** was organized by the Department of Computer Science (Shift-1 & Shift-2) in collaboration with the Institution's Innovation Council on 20th & 21st November, 2024. **Dr. Jane Prasad, Registrar at IIT Madras**, delivered the inaugural address, followed by the keynote address by **Mr. Godwin Josh, Co-Founder and Director of Technology & Marketing at CD Tech & Altrosyn Technologies, Chennai**. On the first day, **Dr. Sumathi S., Professor in the Department of IT at St. Joseph's College of Engineering**, presented an engaging session titled "Mastering Language Processing: From NLP Basics to GPT-Based Large Language Models (LLMs)." The second day began with an interactive, hands-on session led by **Mr. Arockia Praveen J.B., CEO and Co-Founder of Phosphene AI**. This session allowed participants to explore practical applications of LangChain, Document Retrieval, and Chat with Custom Data. The hands-on experience was insightful, enabling participants to connect theoretical knowledge with real-world scenarios

7. A Panel Discussion on **"Higher Education Opportunities & Job Prospects"** was organized by the Department in collaboration with **Career Guidance Cell** on **18th December 2024**. The panel discussion featured eight distinguished alumni from the Department of Computer Science, each excelling in various fields:

    i. Ms. Viveka S – Currently Pursuing a Master's in Data Science at VIT Madras.

    ii. Ms. Janu M.K. – Associate Software Engineer at CEI India Pvt. Ltd., completed MSc. Computer Science at Loyola College, Chennai.

    iii. Ms. Sonu S – IT Auditor and Technology Consultant, completed MSc. Cyber Forensics and Information Security at the University of Madras.

    iv. Ms. Anjali Khakha – pursued MBA in Analytics from IIM Kashipur.

    v. Ms. Sugasri P –Software Engineer in Bank of America, completed her MCA in Anna University

    vi. Ms. Juliet Silviya S – Assistant Professor at Stella Maris College, completed MA in HRM.

    vii. Ms. Winnova Hannah Moore – Pursuing MSc. Information Technology and working as a Part-Time Developer.

    viii. Ms. Annarathna A – HR Analyst, completed MA in HRM at Madras School of Social Work.

Students gained valuable exposure to a diverse array of technical and non-technical career opportunities, along with actionable insights into the essential skills, strategies, and decisions critical for career success.

8. The Department of Computer Science Organized an International Seminar on **"Role of AI in Human-Computer Interaction"** on **19ᵗʰ December 2024**. The Resource Person was **Dr. Kenneth Rouse, Professor of Computer Science at LeTourneau University, Texas, USA.** The Seminar provided insights on how AI systems mimic human intelligence and seamlessly integrate into our daily lives. Dr. Rouse then introduced the concept of Human-Computer Interaction (HCI), explaining how advancements in AI enhance user experiences through adaptive and intuitive technology.

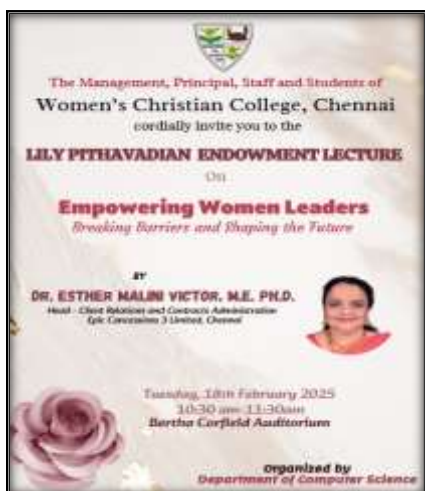
9. **"Swayam – NPTEL awareness Campaign"** was organized on 04/12/2024 & 19/12/2024 by the students of the department to create awareness among the student community about **Swayam – NPTEL** Free online courses, registration procedure and advantages of getting certified from MHRD. The campaign was carried out during the assembly program . All UG students of Shift-1 and Shift-2 were benefitted.

10. The Department of Computer Science of Women's Christian College, in collaboration with the Institution's Innovation Council (IIC) and **ICT Academy**, organized a **Seminar** titled **"Challenges of Women Entrepreneurs"** on 22nd January 2025. **Ms. Rajalakshmi Srinivasan, Director of Product Management, Zoho Corporation Pvt. Ltd. was the resource person.** The seminar provided deep insights into empowering women to overcome entrepreneurial challenges, explore entrepreneurship, and equip them with actionable insights into the stages of building a business.

11. The Department of Computer Science organized the **Lily Pithavadian Endowment Lecture on 18th February 2025 on the topic "Empowering Women Leaders: Breaking Barriers and Shaping the Future". Dr. Esther Malini Victor, M.E. Ph.D., Head - Client Relations and Contracts Administration, Epic Concessions 3 Limited, Chennai** was the Resource Person.

12. The Department of Computer Science in collaboration with our **MOU** partner **Entrust Software & Services Pvt Ltd**. and **Institution's Innovation Council** organized a **Seminar on "Harnessing the power of Natural Language Processing"** on **21ˢᵗ February 2025**. **Mr. Vijay Anantharajan, Project Lead and Mr. Saiganesh Matheswaran, Senior Software Engineer from Entrust Software & Services Pvt Ltd.** were the Resource persons.

13. The Department of Computer Science in collaboration with our **MOU partner Entrust Software & Services Pvt Ltd. and Institution's Innovation Council** organized a P**roject evaluation and Review session titled "Project Pulse: Elevating The Ideas To Excellence"**to celebrate the **National Startup Day** on 21ˢᵗ February 2025. **Mr. Vijay Anantharajan, Project Lead and Mr. Saiganesh Matheswaran, Senior Software Engineer from Entrust Software & Services Pvt Ltd.** **were the Resource persons.**

14. Our students participated in the TNSCST sponsored – Two Day **National Conference on Artificial Intelligence for Education: Shaping the Future of Society"** organized by the **Department of Computer Science, Government Arts College, Nandanam, Chennai** on 26th & 27th February 2025**. 4 papers were presented. The Best Paper award was given to the paper** titled **"A fusion based approach for underwater image Restoration" by Ms. Padma Priya, Ms. Lavanya, Ms. Julianna Jesse and Dr. Shoba Leslie.**

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