Women's Christian College

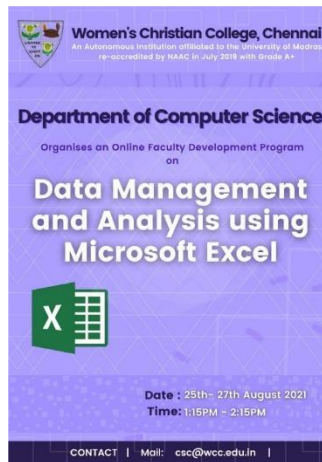**Since 1915**

Lighted to Lighten

ACADEMIC ACTIVITIES 2021 - 2022
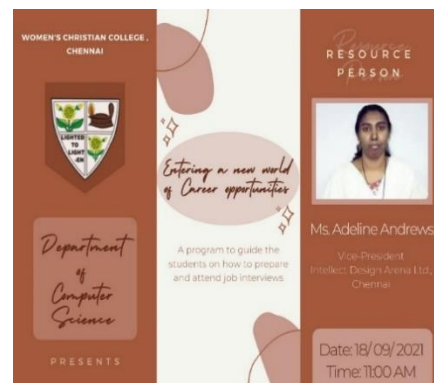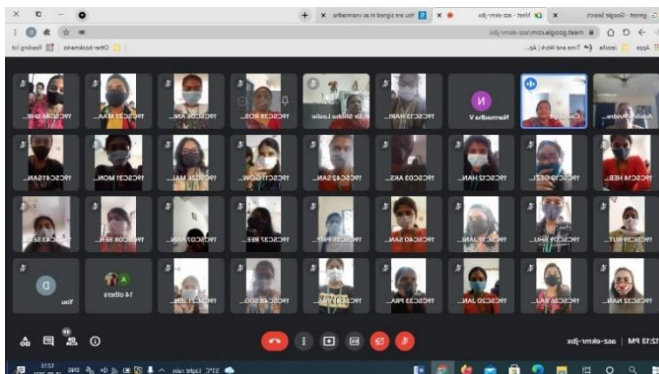
DEPARTMENT OF COMPUTER SCIENCE

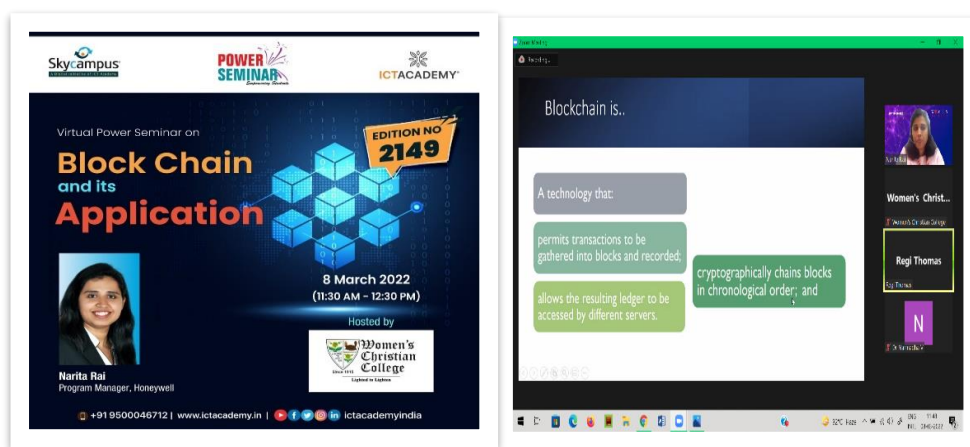# DEPARTMENT OF COMPUTER SCIENCE

ACTIVITIES – 2021 – 2022

1. A Faculty Development Program on **"Data Management and Analysis using Microsoft Excel"** was organized from the 25th to the 27th of August, 2021 for the faculty members of the college. The three-day program included an introduction to the Excel environment; its basic features and formatting, working with cells and sheets, Formulas and functions, working with data and visualization of data. The department's faculty served as the resource persons for the workshop.

2. A Webinar on **"Entering a New World of Career Opportunities"** was organized on the 18th of September, 2021. **Ms. Adline Andrews**, an alumna of the department (1989-1992) was the Resource person for the event. Ms. Andrews gave insights into resume building, cracking aptitude tests and facing interviews.

3. A Power Seminar on **"Blockchain and its Applications"** was organized on 8th March, 2022 in collaboration with 'ICTACADEMY'. The Resource Person for the seminar was **Mrs. Narita Rai, Senior Program Manager, Honeywell Technology Solutions, Bengaluru.** It was an online seminar which focused on the basic concepts of block chain namely Mining, Consensus, Cryptographic Hash, Ledger, and P2P Network with examples from media, healthcare industry, cryptocurrency, seafood, supply chain and travel industry.

4. A workshop on **"Image Processing using OpenCV"** was organized on the 18th and 19th of March, 2022 for the final year students. Day 1 included a hands-on session on the image processing techniques such as filtering, masking, slicing, blurring, smoothening, enhancing, reading, writing and resizing images via Google Colab. The day 2 session was interactive as well and covered techniques such as rotation, scaling, translation and threshold of images which continued with the detection of edges, faces and eyes. Overall, it was both engaging and informative. **Dr. Doreen Robin – Founder & Director, Computational Intelligence Research Foundation, Chennai** was the resource person for the workshop.