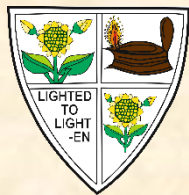

Department of Information Technology



ACADEMIC ACTIVITIES

2019-2020

Women's Christian College
Chennai



Activities: 2019-2020

(Conferences, Seminars, Webinars, Workshops, Talks etc.)

1. The "**Designing Tools**" certificate course was conducted **from July 1 to July 18, 2019**, with a duration of **30 hours**. A total of 31 students enrolled in the course. This course is offered once per year. The Designing Tools course, providing valuable skills to the enrolled students.



2. The workshop on "**Cloud Computing**" was held on **July 30, 2019**, for final-year students of the IT and CST departments. The session, conducted by **Mr. Rozario Lavaniyan, Director and CTO of Postiefs Technologies Pvt. Ltd.**, aimed to introduce students to the latest advancements in Cloud Computing. The session included an elaborate discussion on different cloud services such as **SaaS, PaaS, IaaS, and Virtualization**, shedding light on how these services support IT services.



Department of Information Technology

3. The **"Aptitude Skill Development"** course was introduced on **August 19, 2019**, and **concluded on September 9, 2019**, with a duration of 30 hours. A total of 28 students enrolled in the course. This course is offered once per year. The Aptitude Skill Development course has been successfully conducted, **with 28 students acquiring essential skills.**



4. The webinar, titled **"Turn Your Expertise into Profit with Online Course,"** took place on **September 27, 2019**, in the IT Lab. The distinguished resource person, **Mr. Jari Kaitera, Founder of TWID**, shared valuable insights with the final-year students of the IT and CST departments. The session focused on enlightening students about the benefits, **market strategies, and channels** for creating their own training academy based on their expertise.

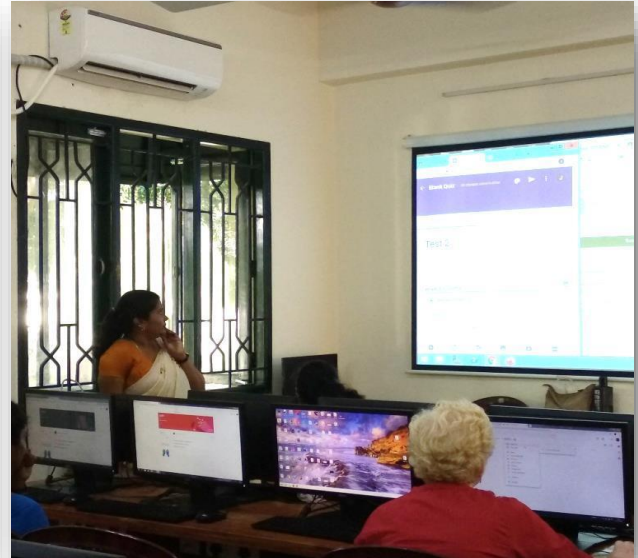
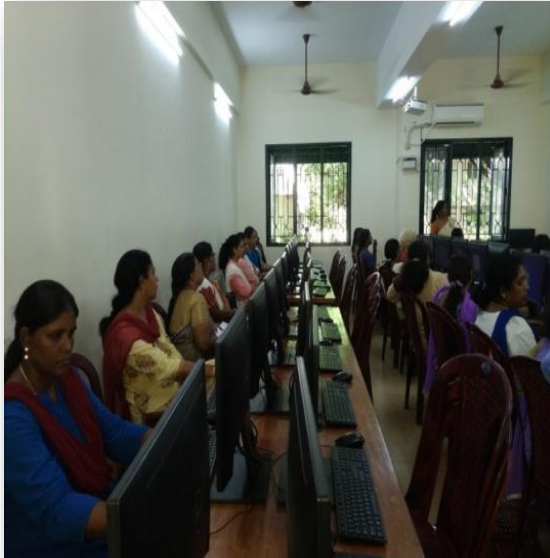


5. A **Faculty Development Program (FDP)** on **"ICT Enabled Teaching Methodologies"** was conducted on **October 11, 2019**. The program targeted teaching faculty, drawing a



Department of Information Technology

participation of 46 educators. providing them with valuable insights and practical knowledge to **incorporate ICT tools into their teaching practices.**



6. A seminar on "**Entrepreneurship**" was conducted on **November 16, 2019**, featuring **Mr. Ramesh Subramanian, Founder and CEO of CIAR Software Solutions Private Limited**, as the esteemed speaker. The event was attended by final year B.Sc. IT & CST students, and the session primarily focused on introducing entrepreneurship, marketing, and ethical considerations for entrepreneurs.



Department of Information Technology

7. The "**International Conference on Recent Advances in Communications & Computing Technologies**" was held from **January 24th to January 25th, 2020**, with an international scope. The conference drew participation from 350 attendees. The conference served as a platform for researchers, academicians, and industry professionals to share and discuss recent **advancements in communications and computing technologies**.



8. A **Faculty Development Program (FDP)** on "**Development Programme on Document Preparation using MS Office**" was conducted from **February 3rd to February 7th, 2020**. The program was designed for **non-teaching staff**, and **15 participants** actively took part in the sessions.



9. A Power Seminar on "**Deep Learning for Predictive Analytics and IoT**" was conducted on **March 4, 2020**. **Mr. Dr. Dilip Muralidaran** from **ICT Academy** served as the speaker, addressing final year UG & PG IT & CST students. The session commenced with a brief



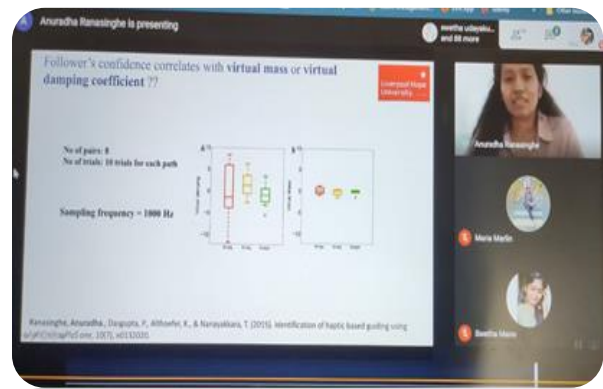
introduction to various dominant technologies in the IT sector, with a primary focus on Enterprise Software, Ops-based management, **Enterprise context management, Supply chain management, Big data analytics, Artificial Intelligence (AI)**, Internet of Things (IoT), and Machine learning.

10. The webinar on **"Designing Alternative Assessment and Evaluation Models During Covid-19 Crisis"** took place on **May 12, 2020**. The audience comprised teaching staff, with a remarkable participation of 457 individuals from 118 colleges in and around Tamil Nadu. **Mr. Yogesh Pawar, the Director of DigitalEdu IT Solutions Pvt. Ltd**, served as the resource person, providing valuable insights into the need and key factors of online exams.

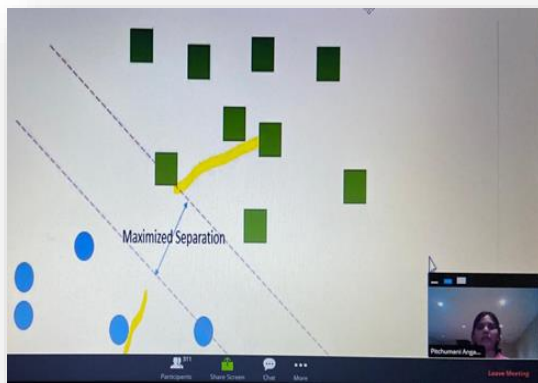


11. The **"Introduction to Robotics"** international webinar was conducted on **May 21, 2020**. The webinar drew the participation of 80 students, and **Dr. Anuradha Ranasinghe, a Lecturer in Robotics from Liverpool Hope University, UK**, served as the resource person. Her presentation delved into topics such as distributed haptic feedback of humans, low-cost Gel sight sensor with UV markings, and the optimality of muscle activation over trials.





12. The **"Machine Learning Using Python with Real-time Datasets"** international webinar was conducted on **May 28, 2020**. The webinar attracted a diverse audience, including undergraduate and postgraduate students, research scholars, and faculty members, totaling 300 participants. **Dr. S. Pitchumani Angayarkanni from Wayne State University, Michigan**, served as the resource person. Her presentation covered commonly used machine learning algorithms, their implementation with real-time datasets, and the significant differences observed in different trained models.



```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import sklearn.metrics
import sklearn.preprocessing
import sklearn.model_selection
import sklearn

# Load the dataset
cancer = load_breast_cancer()
describe(cancer.DESCR)
```

The screenshot shows a Jupyter Notebook interface with the above Python code. The notebook title is "cancer101 Lab Cheatsheet 01/05/2020 (jupyter)". A small video feed of the presenter is visible in the bottom right corner.

