Women's Christian College

Since 1915

Lighted to Lighten

ACADEMIC ACTIVITIES 2023-2024
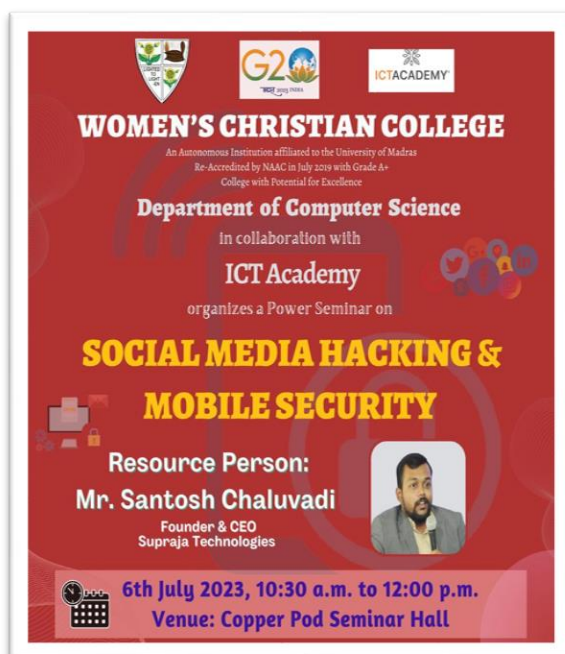
DEPARTMENT OF COMPUTER SCIENCE
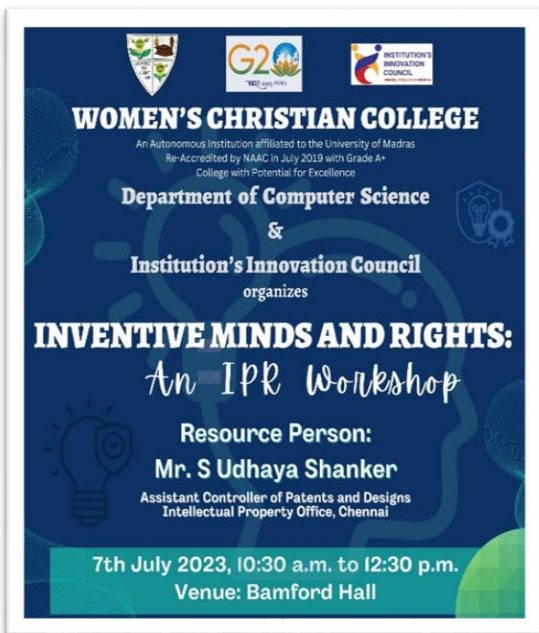
DEPARTMENT OF COMPUTER SCIENCE

ACTIVITIES – 2022 – 2023

(Conferences, Seminars, Webinars, Workshops, Industrial Visits, Field Trips, Talks, Campaigns, etc.)

1. A power seminar on the topic **"Social Media Hacking and Mobile Security"** was organized by the department in collaboration with *ICT Academy* to provide the students a comprehensive overview of social media and mobile security risks, and an in-depth understanding of various hacking techniques targeting social media platforms on 06/07/2023. **Mr.Santosh Chaluvadi, Founder and CEO, Supraja Technologies, Vijayawada, Andhra Pradesh** was the resource person.
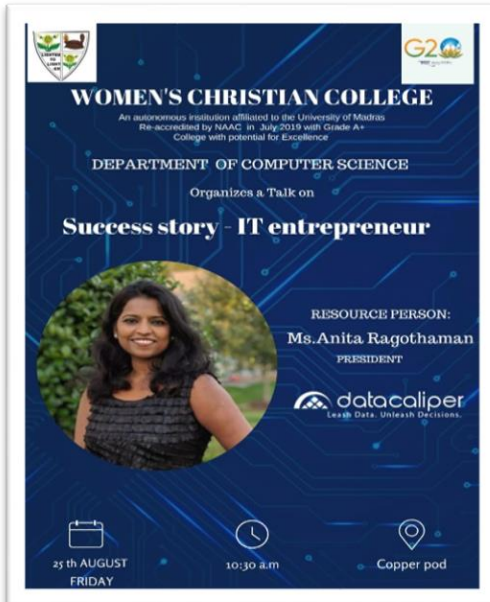

2. A workshop on the topic **"INVENTIVE MINDS AND RIGHTS - An IPR Workshop"** was organized by the department in collaboration with *Institution Innovation Council* to provide students with valuable insights about IPR, including patents, copyrights, designs, and trademarks and to empower them with the knowledge to protect their intellectual assets effectively on 07/07/2023. **Mr. S. Udhaya Shanker, Deputy Controller of Patents and Designs, Intellectual Property Office, Chennai** was the resource person.
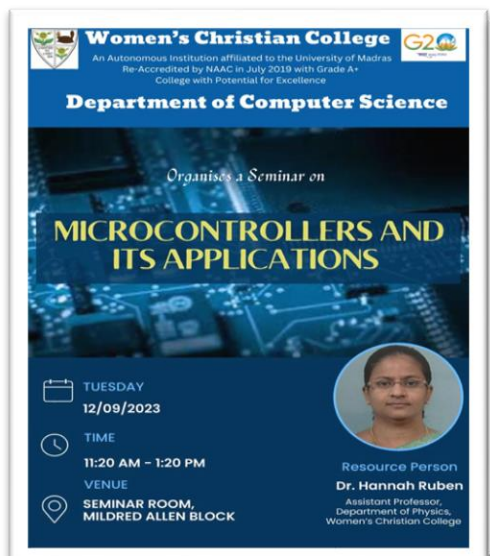
3. A workshop on the topic **"ACE YOUR JOB INTERVIEW-what to do and how to do it"** was organized by the department to train the students to effectively tackle interview questions and to emphasize on the importance of personal grooming, personal branding to demonstrate their skills and qualifications on 14/07/2023. **Ms. Indu Divya, Head, Operations, Ology Women** was the resource person.
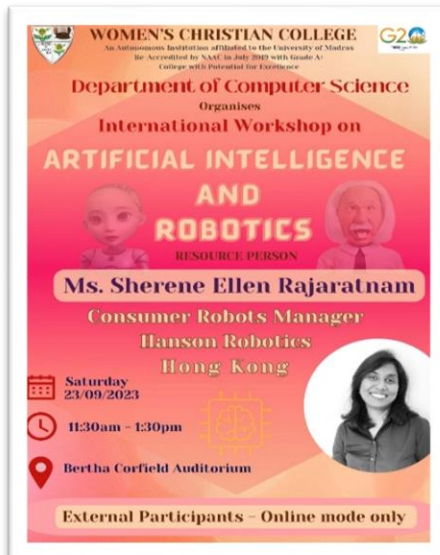
4. A seminar on the topic **"Success story – IT Entreprenuer"** was organized by the department to impart knowledge about the process of designing, launching, and managing new businesses and to identify key leadership qualities that contribute to entrepreneurial success on 25/08/2023. **Ms. Anita Ragothaman, Entrepreneur, President & Founding Member, DataCaliper, Apex, North Carolina, USA** was the resource person.

5. A seminar on the topic **"Microcontrollers and Its Applications"** was organized by the department to enlighten the students about microcontrollers, its architecture, components, and their use in modern-day devices on 12/09/2023. **Dr Hannah Ruben, Assistant Professor, Department of Physics, Women's Christian College, Chennai** was the resource person.

6. A international workhop on the topic **"Artificial Intelligence and Robotics"** was organized by the department to deepen the knowledge of the students about Artificial Intelligence, models, applications and to enlighten them on ethical AI practices on 23/09/2023. The speaker also gave insights about humanoid robots like Sophia and little Sophia. **Ms. Sherene Ellen Rajaratnam, Consumer Robots Manager, Hanson Robotics, Hong Kong** was the resource person.

7. **"Swayam – NPTEL awareness Campaign"** was organized on 20/12/2023 & 21/12/2023 by the students of the department to create awareness among the student community about NPTEL Free online courses, registration procedure and advantages of getting certified from MHRD. Help desks were arranged at strategic venues in the

college campus. Over 250 students from various departments of both the shifts attended the campaign and were benefited.

8. A 2-day National workshop on **"Artificial Intelligence And Its Applications"** was organized by the Department of Computer Science of both Shift-1 and Shift-2 on 19/01/2024 & 20/01/2024 to provide a comprehensive insight into the significance of artificial intelligence in today's technological landscape. Hands-on experience in Machine learning model building and evaluation and also in Deep learning models for image processing and natural language processing were provided. **Dr.S.Bharathidason, Head, Department of Computer Science, Loyola College, Chennai** was the resource person for Day-1. **Dr. T. Kalaiselvi , Assistant Professor, Department of Computer Science, Gandhigram Rural Institute, Gandhigram, Dindigul** was the resource person for Day-2.

9. A workshop on the topic **"E-Content Development"** was organized by the department to provide hands-on training in developing animated digital contents using Adobe Animate on 31/01/2024. **Dr. R. Lavanya, Assistant Professor, Department of Media Sciences, College of Engineering, Guindy, Anna University, Chennai** was the resource person.