

BISHOP COTTON WOMEN'S CHRISTIAN COLLEGE

DEPARTMENT OF COMPUTER SCIENCE

REPORT 2024-2025

- **Interclass Competitions:** From 11/11/2024 to 14/11/2024, interclass competitions were conducted for the students of BCA and BSc to provide a platform to showcase their coding skills and technical knowledge. Students participated enthusiastically in various events like Video making on the topic “AI - A Boon or Bane”, Poster making on the topic “Digital Divides in Education” and IT Quiz.



Guest Lecture: On 21/11/2024 an interdisciplinary guest lecture was conducted. Mrs. Mala Gurappa, Assistant Professor, Clinical Nutritionist and Certified Diabetes, Department of Nutrition and Dietetics, Bishop Cotton Women's Christian College, was the guest speaker. She gave a thought provoking lecture on the topic “Is Healthy Food Really Healthy?” which led to enhanced knowledge and understanding of nutrition's impact on various fields, potentially improving health behaviors and promoting healthier lifestyles.



Intercollegiate Competition: On 3/12/2024 the Department of Computer Science organized an intercollegiate competition “IT Treasure Hunt”, as part of the DISHA initiative to foster technical curiosity, logical reasoning, and teamwork.

Outreach Programme: On 13/12/2024 the BCA students visited The Gerizim, a non profit organization dedicated to the care, rehabilitation and education of children with various disabilities. Students spent their valuable time with the differently abled children conducting interactive games and encouraging them to express themselves and showcase their talents. Essential materials like groceries, stationery items and toys were provided to the children.



Hands-on Workshop: On 18/3/2025, a hands-on workshop titled "*Cybersecurity Strategies: Identifying Vulnerabilities and Mitigating Attack Risks*" was conducted for final-year BCA students. The session was led by Mr. Nithien Aachinthya, a Cybersecurity Subject Matter Expert from Rubiex Technology. The workshop provided participants with a comprehensive blend of theoretical knowledge and practical experience in cybersecurity. Through interactive sessions, students engaged in penetration testing, network scanning, and the use of ethical hacking tools within a controlled environment. This initiative significantly enhanced their understanding of cybersecurity practices and ethical hacking methodologies, equipping them with essential skills to address real-world cybersecurity challenges.

Seminar: On 29/04/2025 a seminar on “Test Case Development” was conducted by Mr. Syed Shouib Ahmed, Assistant Professor, Krupanidhi College, Bangalore. The programme aimed to



provide insights into the importance of test cases in software development and best practices for creating effective test scenarios. The seminar was highly informative and relevant, particularly for individuals aspiring to work in software testing.



Educational Trip: From 28th April to 2nd May 2025, a group of 34 enthusiastic students of BCA embarked on a thrilling and enriching five-day trip to explore the natural and cultural treasures of Kodachadri, Murudeshwar, Honnavar, and Vibhuthi Falls. Trekking through the misty trails of Kodachadri in the Western Ghats, admiring the majestic Murudeshwar statue by the sea, and exploring the serene beauty of Honnavar and Vibhuthi Falls. The students developed strong team building and leadership skills, gained a deep appreciation for natural and cultural heritage, became more aware of environmental conservation, and engaged in valuable experiential learning beyond the confines of the classroom.



EXPERT TALK ON GEN AI: On 9/5/2025, an expert talk was given by Mrs. Priya P Prabhakaran, Assistant professor from Ramaiah Institute of Business Studies. The Programme aimed to Encourage students to critically assess AI-generated content for accuracy and bias, the ethical considerations of using GenAI, such as issues related to plagiarism, misinformation, and

data privacy. Students had gained a comprehensive understanding of Generative AI, enabling them to use these tools responsibly and effectively in both academic and professional settings.



Seminar: On 15/5/2025, the Department of Computer Science in association with Institution's Innovation Council held a session on "Building a Healthy Digital Life" to celebrate National Technology Day. The guest speaker was Mrs. Santa Sylvia , Network Manager- Viva India.

The session focused on a variety of addictions impacting the youth—ranging from digital addiction to harmful habits like alcohol, drug use, and exposure to pornography. The goal was to equip students with knowledge, encourage healthy choices, and offer guidance on overcoming dependency.



Poster Making Competition: The Department of Computer Science, in association with the Institution's Innovation Council (IIC), organized a Poster Making Competition on 16/5/2025 to celebrate the National Technology Day. The theme for the competition was “*Empowering a Sustainable Tomorrow Through Innovation.*” The event aimed to encourage students to express their creativity and perspectives on the role of technology in building a sustainable future.



Activities of Technovation Club

Orientation Programme: The installation ceremony of the office bearers of the Technovation club was held during the Orientation Programme on 25/10/2024. The leadership badges were presented to the following office bearers of the club, marking a significant moment in their new roles.

President – Nikita N (III BCA B)

Vice President – Noorain Fathima (III BCA A)

General Secretary – Zara (II BCA B)

Treasurer – Rafa Siddiq (II BCA A)

Event Manager – Hifza Waseem (I BCA A)

Event Coordinator – Faiza Ibrahim (I BCA B)



Guest Lecture: Mr. Nikhil D. Hegde, Data Science| Author, Rubixe - AI Solutions Company was the guest speaker. He delivered the information about Artificial Intelligence, explaining its, significance, current applications and future scope in that field for the students.



Career Guidance Programme: On 21/11/2024 a Career guidance programme was conducted by Ms. Karalin Jenitha Jayakumar, and alumna of BCA(2014-2017), Senior Executive at Wipro Technologies. She shared her valuable career experiences and professional journey, guiding the students toward corporate readiness. She gave a good insight on the classifications of IT sectors, how to write a resume, corporate etiquette, non verbal communication at workplace and common IT terminologies.



Fund Raising event: On 6/11/2024 and 7/11/2024 the Club members had organized tuck shops on the campus offering a unique opportunity to raise funds for the club while promoting teamwork, entrepreneurship and service within the students.



