

DEPARTMENT ANNUAL REPORT 2022-23

1. Introduction about Department

The Department of Computer Science and Applications was established in 2012, offering the BSc Computer Science program. Subsequently, in 2013, the department initiated the BCA course. Initially, both programs had an intake capacity of 30 students as per the sanctioned strength. Over the years, the department has periodically increased its seat allocation with the university's marginal seat approval, allowing for the admission of more students than the originally sanctioned capacity.

Courses offered: BCA, BSc Computer Science

Number of Students : 241

Year of adm	BSc CS	BCA
2020	33	40
2021	40	40
2022	32	56

Teacher Details:

FACULTY LIST 2022-2023		
NAME	QUALIFICATIONS	DESIGNATION
1. Mr. Vinod Chandran	MCA, PGDBM, NET	HoD & Associate Professor
2. Ms.Kavitha Santhosh	MCA	Assistant Professor
3. Mr.Deepak M	ME CSE	Assistant Professor
4. Ms.Mary Joseph	MCA, MBA	Assistant Professor
5. Ms.Priyanka G	MCA, MPhil	Assistant Professor
6. Ms.Amulia P.M	MTech, NET	Assistant Professor
7. Ms.Gayathri A	MSc. CS	Assistant Professor
8. Ms.Girly Antony	MSc-Mathematics,B.Ed.	Assistant Professor
9. Ms.Mary P.K	MSc. CS	Assistant Professor
10. Ms Nidhy S Ravi	MCA, MTech	Assistant Professor
11. Mr. Denny David	MCA	Assistant Professor

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12. Mr. Jithin Babu	MCA	Assistant Professor
13. Mr. Joel Joseph	MCA	Lecturer & Lab Instructor
14. Ms. Rima K Ouseph	MCA	Lecturer & Lab Instructor
15. Mr. Vivek S Varma	MSc. CS	Assistant Professor
16. Ms. Vidya S Mony	MTech CSE	Assistant Professor
17. Mr. Naveen A.N	MSc-Maths	Guest Lecturer

2. Result Details

BSc Computer Science 2020-23

Number of students	33
Number of students who achieved the Degree	11
Pass Percentage	33%

BCA 2020-23

Number of students	38
Number of students who achieved the Degree	12
Pass Percentage	32%

3. Major Events and Activities Conducted

The Computer Science and Applications Department has been actively engaging in various association activities aimed at enhancing the knowledge, skills, and overall development of students. These activities include technical talks, seminars, workshops, and interaction sessions with industry experts. The following is a summary of the key events conducted by the department in 2022-23 are:

1. SAP TECHNICAL TALK - Vintage Infosolutions, KOCHI (10-Feb):

- The department organized a technical talk on SAP, featuring Vintage Infosolutions from Kochi. The session aimed to provide insights into the latest advancements in SAP technology.

2. Faculty Development Programme on Academic Writing (31-May):

- Dr. Manjula Devananda, Principal of KVM College of Engineering Cherthala, conducted a Faculty Development Programme on improving academic writing skills. The focus was on reading for effective writing.

3. Seminar on Trending Opportunities - Resource Team from STEDS Kerala (26-Jul):

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- The department hosted a seminar to highlight current opportunities in the field. The resource team from STEDS Kerala shared insights into trending career prospects.
- 4. EVS Trip for S5 BSc CS (14-Sep):**
 - S5 BSc CS students embarked on an Environmental Science (EVS) trip to Vagamon-Parunthumpara, providing a practical and enriching experience.
 - 5. PRANJA 2K22 - Project Idea Presentation Contest (15-Sep):**
 - The department's Innovation Club organized PRANJA 2K22, a project idea presentation contest, providing a platform for students to showcase their innovative ideas.
 - 6. SAMVED - Interaction with Alumni Mr. Aswin Kumar (26-Sep):**
 - The Placement Cell organized SAMVED, an interaction session with Mr. Aswin Kumar, an alumnus from the class of 2022, providing valuable insights into industry experiences.
 - 7. IT Seminar on Employability in Data Science (10-Nov):**
 - The IT Club organized a seminar focusing on employability in the IT industry, with a specific focus on Data Science. INET DATA SCIENCE SOLUTIONS led the session.
 - 8. International Computer Security Day Celebrations (30-Nov):**
 - S1 BCA-B Batch celebrated International Computer Security Day with various activities aimed at raising awareness about cybersecurity.
 - 9. Industry Institute Interaction (07-Dec):**
 - Mr. Arun Jose, Software Engineer at Big Binary Solutions Kochi, engaged with students in an industry institute interaction session, fostering collaboration between academia and industry.
 - 10. Seminar on Cyber Security - Red Team Hacker Academy Kochi (07-Dec):**
 - A seminar on cybersecurity, organized by the department, featured Red Team Hacker Academy Kochi, providing valuable insights into the evolving landscape of cybersecurity.
 - 11. E-Smart - Citizen Training Programme (10-Dec):**
 - The CARE Social Service Club organized E-Smart, a citizen training program for Cherthala Ward no.2, focusing on digital literacy and empowerment.
 - 12. Seminar on Trending Technologies - Python (11-Jan):**

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- ENHAPE Kochi conducted a seminar on Python, shedding light on the latest trends and applications of this programming language.

13. Seminar on Python and Data Science - IPCS Kochi (23-Jan):

- IPCS Kochi organized a seminar focusing on Python and its applications in Data Science, providing students with insights into the rapidly evolving field.

14. IT Orientation Session - Orion Club Kochi (31-Jan):

- The Orion Club Kochi conducted an IT orientation session, providing students with guidance on the various aspects of the IT industry.

15. Yantrika 2K23 - IT FEST (23-Feb):

- The IT Club organized Yantrika 2K23, an IT fest featuring inter-collegiate competitions, fostering a spirit of healthy competition and collaboration.

16. Seminar on Bridging Industry & Academic Gap - TALLROP Kochi (29-Mar):

- TALLROP Kochi conducted a seminar addressing the gap between industry requirements and academic curriculum, facilitating a better understanding of industry expectations.

17. Selection Process for First Year BCA/BSc students in IT Add-On Program (13-Apr):

- The Placement Cell organized a selection process for first-year BCA/BSc students in the IT Add-On Program, facilitated by STEYP Solutions.

The various association activities conducted by the Department of Computer Science and Applications Department have played a pivotal role in enriching the academic and practical knowledge of the students. These events have also strengthened the ties between academia and industry, ensuring that students are well-prepared for the evolving challenges of the IT sector. The department is continuing such initiatives for the holistic development of its students.

Best Practices

1. Yantrika, the IT fest

It stands as a beacon of excellence within the department, showcasing innovation, talent, and collaboration. It serves as a platform for students to demonstrate their technical prowess, creativity, and problem-solving skills through a variety of competitions, workshops, and exhibitions. With its vibrant atmosphere and diverse array of events, Yantrika fosters a culture of learning and engagement, inspiring students to push the boundaries of their knowledge and expertise in the field of Information Technology. Through its continued success and impact, Yantrika exemplifies the department's commitment to nurturing holistic development and fostering a spirit of innovation among its students.

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Yantrika 2K23 - IT FEST (23-Feb): The IT Club organized Yantrika 2K23, an IT fest featuring inter-collegiate competitions, fostering a spirit of healthy competition and collaboration.

2. E-Smart

E-Smart, spearheaded by CARE, the social service club, is a transformative project extending beyond campus boundaries. It conducts impactful training programs for external entities, fostering skill development and empowerment within communities. Additionally, E-Smart diligently orchestrates E-Waste management initiatives, advocating for environmental sustainability and responsible disposal practices. Through its commitment to social welfare and environmental stewardship, E-Smart embodies CARE's dedication to making a tangible difference in society.

E-Smart - Citizen Training Programme (10-Dec):The CARE Social Service Club organized E-Smart, a citizen training program for Cherthala Ward no.2, focusing on digital literacy and empowerment.

Distinctiveness

TECHBLAZE

It is a flagship initiative of the IT Club, ignites intellectual curiosity through a spectrum of engaging events. Through a series of seminars, workshops, and webinars, it imparts students with cutting-edge insights into the dynamic realm of Information Technology. TECHBLAZE serves as a conduit for bridging theoretical knowledge with practical application, empowering students with hands-on experience in contemporary IT domains. Moreover, it offers a unique platform for students to interface with industry experts, fostering invaluable networking opportunities and mentorship. By cultivating a culture of continuous learning and innovation, TECHBLAZE propels students towards excellence in the ever-evolving landscape of technology.

4. Extension Activities

1. E-waste collection is a crucial endeavor aimed at mitigating the environmental impact of discarded electronic devices. Through organized initiatives and awareness campaigns, communities are encouraged to responsibly dispose of obsolete electronics. Collection centers facilitate the proper recycling and disposal of e-waste, preventing harmful chemicals and materials from contaminating the environment. By participating in e-waste collection programs, individuals contribute to conserving natural resources and reducing pollution. This concerted effort promotes sustainability and fosters a culture of environmental responsibility, ensuring a cleaner and healthier planet for present and future generations.

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2. E-Smart, an initiative managed by CARE, the social service club, serves as a beacon of community engagement and empowerment. Through this project, training programs are meticulously organized, extending beyond the confines of the campus to benefit diverse entities. These programs are designed not only to impart valuable skills but also to foster social responsibility and inclusivity. By reaching out to external communities, E-Smart epitomizes CARE's commitment to serving society and effecting positive change. Through its dedication to social service, E-Smart cultivates a culture of collaboration and compassion, enriching the lives of individuals beyond the campus boundaries. It was conducted in **Dec 25,2023**

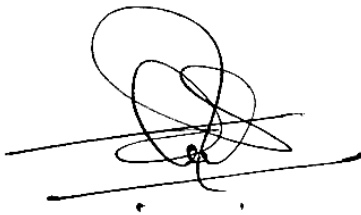
5. Collaborations

1. MoU was signed with Rabbit Square, Muvattupuzha to conduct ROBOCRAFT , a training program on Robotics . It was signed in June 16,2023

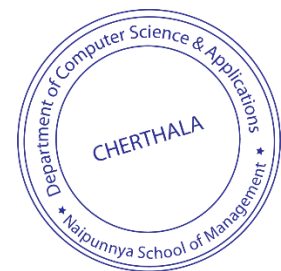
2 . MoU was signed with Srithi Innovative, Trivandrum to conduct a IT training and Soft skill training program. It was signed in September 29, 2023

6. Achievements

In 2022-23, the Department of Computer Science and Applications achieved remarkable placement successes. ANANDAKRISHNAN M secured a position at Wipro with a package of INR 2,30,000, while BHAVYA PRAVEEN attained a role at Deloitte with an impressive package of INR 3,45,000. SULFI K joined Legacit Infotech, showcasing a promising start with a package of INR 1,20,000. ABHIJITH VIJAYAN and VEENA RAJESH secured positions at CFCICI and Proximagenesis, respectively, with packages of INR 1,85,000 and INR 1,30,000. Additionally, FESTIN PHILIP landed a position at Innovature with a package of INR 2,64,000. These achievements underscore the department's commitment to facilitating rewarding career opportunities for its graduates.



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