



BAKLIWAL FOUNDATION

College of Arts, Commerce & Science, Vashi

Computer Association

"Empowering Innovators, Shaping the Digital Future!"

Introduction

Welcome to the Computer Association of BCA Students at Bakliwal Foundation College of Arts, Commerce & Science (BFC-ACS), Vashi — a vibrant platform dedicated to nurturing curiosity, fostering innovation, and building a strong foundation in the ever-evolving world of computing and technology.

Rooted in the vision “To empower students with cutting-edge technological knowledge and skills, fostering innovation and excellence in computing, thereby preparing them to meet the challenges of the digital future,” our association serves as a bridge between academic learning and real-world application. It is a space where passion for technology meets purpose, and where young minds are encouraged to think critically, code creatively, and lead confidently.

Under the dynamic guidance of our faculty and the enthusiastic involvement of our student members, the association aims to host a wide array of engaging events — from coding competitions, tech talks, and workshops, to project showcases and hackathons. These initiatives are designed to sharpen technical acumen, promote teamwork, and cultivate leadership qualities that are essential for success in today’s digital economy.

With our tagline, “Empowering Innovators, Shaping the Digital Future,” we believe in unlocking the potential within every student. The Computer Association is not just a club — it is a community, a launchpad for ideas, and a support system for those daring to dream big in tech.

We welcome all BCA students to join us on this exciting journey of exploration, empowerment, and excellence. Let’s innovate, inspire, and impact — together.



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Vision

To empower students with cutting-edge technological knowledge and skills, fostering innovation and excellence in computing, thereby preparing them to meet the challenges of the digital future.

Mission

- ✦ To provide a platform for students to explore, learn, and apply new trends and technologies in the field of computer science.
- ✦ To cultivate a spirit of collaboration, problem-solving, and innovation in the computing community.
- ✦ To bridge the gap between academic learning and industry expectations through workshops, seminars, and hands-on experiences.
- ✦ To encourage participation in competitive coding, research, and community projects that contributes to the field of computing and society at large.

Slogan of the Association

"Empowering Innovators, Shaping the Digital Future!"

Goals

- ✦ Promote a culture of curiosity and continual learning within the student community about computing advancements.
- ✦ Facilitate industry-academia interactions to enhance employability and professional networking.



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- ✚ Encourage participation in national and international competitions, hackathons, and conferences.
- ✚ Develop a network of alumni and industry professionals who can mentor students in various computer science domains.
- ✚ Organize activities that build leadership, teamwork, and soft skills.

Objectives

- ✚ To organize workshops, seminars, and technical talks on current trends such as AI, ML, Cloud Computing, Data Science, Cyber security, and IoT.
- ✚ To create opportunities for students to work on collaborative projects and community-driven technology solutions.
- ✚ To provide hands-on experience through coding marathons, hackathons, and competitions.
- ✚ To facilitate guest lectures, panel discussions, and Q&A sessions with industry experts and thought leaders.
- ✚ To promote professional certifications and participation in internships.
- ✚ To celebrate technology days and events such as Computer Science Day, Open Source Day, etc.
- ✚ To mentor students in career planning, resume building, and interview preparation.

6. List of Activities [Proposed]

- ✚ **Workshops** on emerging technologies, programming languages, and software tools.



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- ✚ **Seminars and Webinars** on latest trends in computing and industry needs.
- ✚ **Guest Lectures** by professionals from the IT industry, academia, and research organizations.
- ✚ **Hackathons and Coding Competitions** to encourage creative problem-solving and innovation.
- ✚ **Technical Paper Presentations and Research Discussions** for students interested in academic pursuits.
- ✚ **Industry Visits and Internships** to provide practical exposure to real-world applications.
- ✚ **Alumni Meet-ups and Mentorship Programs** to foster a support network for students.
- ✚ **Soft Skills and Career Development Sessions** focusing on communication, teamwork, and leadership.
- ✚ **Community Tech Projects** addressing local or global social challenges using technology.
- ✚ **Tech Festivals or Annual Events** with various competitions, exhibitions, and project showcases.

Proposed Activities for the Computer Association

◆ **Academic & Skill Development Activities**

✚ **Workshops & Seminars**

1. Python, Java, Web Development, and App Development
2. Data Analytics, AI & Machine Learning Basics
3. Cybersecurity Awareness & Ethical Hacking



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✚ Certification Courses (in collaboration with external platforms)

1. Google Cloud, AWS, Microsoft Learn
2. GitHub & Version Control

✚ Tech Talk Series

1. Guest lectures by industry professionals and alumni
2. Sessions on emerging trends: Blockchain, AR/VR, IoT, etc.

✚ Project-Based Learning

1. Group projects and mini hackathons
2. Open-source contribution guidance

◆ Competitions & Events

1. Coding Contests

- ✚ Debugging challenges
- ✚ Algorithm battles (in platforms like HackerRank or CodeChef)

2. Hackathons

- ✚ 24- or 48-hour innovation sprints on real-world problems

3. App/Website Development Competitions

- ✚ Themed challenges: Social Impact, Education, HealthTech, etc.

4. Tech Quiz

- ✚ On programming, IT history, and current trends

◆ Career & Soft Skill Enhancement

1. Resume Building & LinkedIn Profiling Workshops
2. Mock Interviews & Group Discussions
3. Internship & Career Guidance Sessions
4. Tech Blogging & Public Speaking Platforms



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◆ **Community Engagement & Fun Activities**

1. Intercollegiate Tech Fest Participation & Hosting
2. Tech Movie/Documentary Screening + Discussions
3. "Tech Café" – Monthly informal discussions on tech news
4. Annual "Innovators Day" – Project Expo + Alumni Meetup

Membership

Membership of the Computer Association is open to all students enrolled in **Bachelor of Computer Application [BCA]** program at **Bakliwal Foundation College of Arts, Commerce & Science; Vashi**. Participation in events and activities is encouraged for holistic development and growth.

Organizational Structure

- **President:** Faculty-in-charge from the Computer Science department.
- **Vice-President:** Student representative.
- **Secretary:** Student representative.
- **Treasurer:** Faculty responsible for managing funds.
- **Event Coordinators:** Students responsible for managing and organizing activities.

Co-Ordinator
Computer Association



Prof. [Dr.] Sharadkumar Shahl
Principal

BAKLIWAL FOUNDATION
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