

Savitribai Phule Pune University, Pune

Faculty of Commerce and Management

Bachelor of Commerce in Computer Application

(B.Com. - CA)

Revised Curriculum (2024 Pattern as per NEP-2020)

w.e.f. Academic Year: 2024-2025

Preamble:

In the rapidly evolving landscape of the digital age, the B.Com. - Computer Application program is meticulously designed to bridge the gap between commerce and technology. This program aims to equip students with a comprehensive understanding of both domains, fostering a unique blend of skills that are highly sought after in today's competitive job market. The program focuses on providing students with in-depth knowledge of computer applications, programming, and software development while integrating essential commerce subjects such as business mathematics, financial accounting, and management principles. This interdisciplinary approach ensures that graduates are not only proficient in technical skills but also possess a solid foundation in business operations and management. A key feature of this program is its emphasis on practical and project-based learning. Students engage in hands-on lab work, field projects, and internships that allow them to apply theoretical knowledge to real-world scenarios. This experiential learning approach prepares students to tackle complex business problems with innovative technological solutions. Moreover, the program fosters the development of essential soft skills such as effective communication, teamwork, leadership, and ethical decision-making. These skills are critical for personal and professional growth, enabling graduates to navigate the dynamic and often challenging business environments with confidence and integrity. The B.Com. - Computer Application program also promotes lifelong learning and adaptability, encouraging students to stay abreast of technological advancements and industry trends. By instilling a habit of continuous learning, the program prepares students to adapt to new tools, technologies, and methodologies throughout their careers. In essence, the B.Com. - Computer Application program aims to create well-rounded professionals who are equipped with the technical expertise, business acumen, and soft skills necessary to excel in the ever-changing landscape of commerce and technology. Graduates of this program will be poised to contribute effectively to their organizations and society, driving innovation and growth in their respective fields.

Following aspects highlight the importance of commercial education:

- 1. Academic Rigor and Excellence:** Commercial education provides a rigorous academic curriculum that equips students with a comprehensive understanding of business theories, principles, and practices. Through innovative teaching methods and experiential learning opportunities students excel in dynamic and competitive global business environments.
- 2. Ethical Leadership and Social Responsibility:** Students are instilled in the importance of ethical decision-making, integrity, and corporate social responsibility. Our program emphasizes the significance of ethical leadership and the impact of business practices on society and the environment.
- 3. Critical Thinking and Problem-Solving Skills:** We foster the development of critical thinking, analytical reasoning, and problem-solving skills essential for effective decision-making in complex

business situations. Students learn to evaluate information, analyze data, and formulate strategic solutions to real-world challenges.

4. Global Perspective and Cultural Awareness: Recognizing the interconnectedness of the global economy, we emphasize the development of a global mindset and cultural competence among the students. Our curriculum integrates international business concepts and opportunities for cross-cultural learning experiences.

5. Professional Development and Career Readiness: Through internships, professional development workshops, and networking opportunities, students are facilitated the acquisition of practical skills and industry-specific knowledge necessary for professional growth and advancement.

6. Innovation and Entrepreneurship: Encouraging creativity and innovation, we inspire entrepreneurial thinking and the ability to identify and seize opportunities in the marketplace. Our program supports aspiring entrepreneurs in developing business plans and launching ventures that contribute to economic growth and innovation.

7. Continuous Learning and Adaptation: Committed to continuous improvement and adaptation to meet the evolving demands of the business world. Our faculty engage in scholarly research and professional development to ensure that our curriculum remains relevant and responsive to industry trends and technological advancements.

8. Constant Learning: Commerce is a field that requires continuous learning and adaptation to stay competitive. Business education instills a mindset of lifelong learning, encouraging individuals to stay updated about industry trends, new technologies, and evolving business practices.

Objectives of the Programme:

1. To equip students with comprehensive knowledge in computer applications, including programming languages such as C, C++, Java, and Python.
2. To provide hands-on experience with database management systems, web development tools, and software engineering.
3. To foster the ability to solve complex problems using structured programming and algorithmic approaches.
4. To enable students to analyze and develop efficient solutions in business and IT environments.
5. To blend core commerce subjects like business mathematics, financial accounting, and management principles with IT skills.
6. To prepare students to leverage technology in managing and analyzing business operations.
7. To incorporate practical sessions and lab work to apply theoretical concepts in real-world scenarios.
8. To encourage project-based learning through field projects and internships, focusing on web applications, mobile app development, and digital marketing.
9. To improve business communication skills through courses designed to enhance written and verbal communication.
10. To instill an understanding of business ethics, environmental awareness, and gender sensitization.
11. To offer a variety of elective courses and open electives to allow students to explore interdisciplinary areas.
12. To provide exposure to vocational skills, such as office automation tools, web technology, and .NET programming.
13. To lay a strong foundation for students aiming to pursue higher studies in commerce and computer applications.

14. To equip students with the necessary skills to excel in professional careers in IT, software development, data analysis, and business management.
15. To instill a habit of continuous learning to keep pace with technological advancements and evolving industry standards.
16. To prepare students to adapt to new tools, technologies, and methodologies in the field of commerce and IT.

Program Outcomes:

1. Graduates will demonstrate a thorough understanding and ability to apply core concepts in programming languages, database management systems, and software development.
2. Graduates will be able to analyze business problems, develop efficient algorithms, and implement solutions using appropriate programming techniques.
3. Graduates will effectively combine principles of commerce with modern IT practices to enhance business processes and decision-making.
4. Graduates will have practical experience in handling projects related to web development, mobile applications, and digital marketing, with a capability to manage and execute projects efficiently.
5. Graduates will possess strong written and verbal communication skills, essential for professional business environments, including report writing, presentations, and interpersonal communication.
6. Graduates will understand and adhere to ethical practices in business and IT, with a keen awareness of environmental issues and gender sensitivity.
7. Graduates will have exposure to a range of subjects and elective courses, providing a broad perspective and the ability to approach problems from various disciplinary angles.
8. Graduates will be prepared for employment in IT, software development, data analysis, business management, and related fields, with the skills to thrive in a professional environment.
9. Graduates will be committed to lifelong learning, staying current with technological advancements and adapting to new tools and methodologies.
10. Graduates will have the ability to work effectively in teams, exhibiting leadership skills and contributing to collaborative projects.
11. Graduates will be adept at applying theoretical knowledge in practical settings, utilizing hands-on experience gained through lab work, projects, and internships.
12. Graduates will exhibit critical thinking skills and a creative approach to problem-solving, fostering innovation in their work.
13. Graduates will have a solid foundation in business operations, financial accounting, and management principles, enabling them to contribute to organizational success.

Introduction

The B.Com. - CA Degree Program (2024 Pattern) will be introduced in the following order:

Sr. No.	B. Com. Degree Program	Academic Year
A	First Year B.Com. - CA	2024-2025
B	Second Year B.Com. - CA	2025-2026
C	Third Year B.Com. - CA	2026-2027
D	Fourth Year B.Com. - CA	2027-2028

Eligibility

- a) No Candidates shall be admitted to the First Year of the B.Com. - CA Degree Program (2024 Pattern) unless he / she has passed the Higher Secondary School Certificate Examination of the Maharashtra State Board or equivalent or University with English as a passing Course.
- b) No candidate shall be admitted to the Third Semester Examination of the Second Year unless he / she has cleared First Two Semesters satisfactorily for the course at the college affiliated to this University.
- c) No student shall be admitted to the Third Year B.Com. – CA (Fifth Semester) Degree Program (2024 Pattern) unless he / she has cleared all the papers of First and Second Semester Examination of F.Y. B.Com. - CA
- d) No candidate shall be admitted to the Fifth Semester Examination of the Third Year unless he / she has cleared the first Two Semesters satisfactorily of Second Year for the Program at the college affiliated to this University.
- e) No candidate shall be admitted to the Fourth Year B. Com. - CA (Seventh Semester) Degree Program (2024 pattern) unless he / she has cleared all the papers of Third and Fourth Semester Examination of S.Y. B.Com.- CA