



Programme Outcomes, Programme Specific Outcomes and Course Outcomes Bachelor of Commerce with Accountancy and Finance (BAF)

Sem. II Quantitative Techniques Code: 2003

Programme Outcomes (POs)

PO 1: After completing three years for Bachelors in Commerce (B.Com) program, students will gain thorough fundamental knowledge of Commerce and Finance.

PO 2: The commerce and Finance focused curriculum offers specialization and elective courses. The practical exposure in these courses would equip the student to face the modern-day challenges in the field of commerce and business.

PO 3: All-inclusive structure of the course offers a number of value based and job oriented courses; and, ensures that students trained are up-to-date in knowledge.

PO 4: It helps students to acquire conceptual knowledge of financial accounting and to impart skills for recording various kinds of business transactions and for preparing Accounts of corporate sectors

PO 5: The students can acquire knowledge of Commercial Laws relevant for enterprises and their amendments.

PO 6: The students can develop the understanding and also can gain knowledge in current issues in the area of accounting, finance and marketing.

Programme Specific Outcomes (PSOs)

PSO 1: Students will be able to demonstrate progressive learning of recent trends and developments in fields Commerce, Accountancy and Finance.

PSO 2: Students will demonstrate progressive learning in the application of theory, principles, values, and techniques of management and accounting in industry and in the corporate world.

PSO 3: Students will learn relevant managerial and accounting career skills, applying both quantitative and qualitative knowledge to their future careers.

PSO 4: Students will gain thorough subject skills within various disciplines of commerce, business, accounting, economics, finance, auditing and finance systematically.

PSO 5: Learners will be able to prove proficiency required to appear in competitive examinations like MBA, CA, CS, ICWA and other courses.

PSO 6: Students will acquire the skills of effective communication, decision making, and problem solving that can be used at personal as well as professional level.

PSO 7: Students will develop an attitude for working effectively and efficiently in a business environment.

PSO 8: Students will be able to integrate knowledge, skill and attitude in a learning and creative academic environment.

PSO 9: The students will be exposed to the dynamic field of leadership and entrepreneurship.

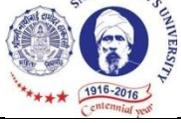
PSO 10: Learners will be able to involve in various co-curricular activities to demonstrate relevancy of foundational and theoretical knowledge of their academic major and to gain practical exposure.

PSO 11: Students will also be able to acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.

Course Outcomes (COS)

After finishing this course, the learner is expected to be able to:

- Define terms population and sample in Statistics with examples
- Explain and classify sources of primary and secondary data in surveys
- Make use of null and alternative hypotheses in data analysis
- Test hypotheses at appropriate levels of significance
- Explain different types of errors in testing of hypothesis
- Test significance of difference in proportion(s) and mean(s) of single (two) large Sample(s)
- Apply Chi-Square test of goodness of fit for financial decisions
- Formulate graphic solution to Linear Programming Problems
- Formulate simple solution to Linear Programming Problems using maximization& minimization cases
- Calculate shadow prices of the resources and ranges of their validity
- Identify unique and multiple optimal solutions, unbounded solutions, infeasibility and degeneracy



- Compare and contrast between nominal and effective rates of interest
- Compound and discount a sum using different types of rates
- Explain different types of annuities, PV, NPV and IRR Depreciation of assets
- Explain valuations of simple loans, debentures, and sinking funds
- Analyze and plan project by applying PERT and CPM
- Explain Modern Portfolio Theories
- Measure risk and performance with range, variance, standard deviation, expected value and Beta
- Explain covariance, correlation return on security and market returns