



Progressive Education Society's
Modern College
of Commerce & Computer Studies
Affiliated to Savitribai Phule Pune University

Bachelor of Business Administration (BBA) 3 Years

THE PROGRAM OUTCOME:

At the end of the BBA Programme the learner will possess the following programme outcome:

PO:1: The Learner will solve the real-world problems through the application of appropriate theoretical knowledge.

PO:2: The Learner will solve the real-world problems through the application of appropriate theoretical knowledge.

PO:3: The Learners will be developed self-employment of young entrepreneurs and to create corporate professionals.

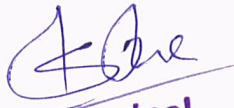
PO:4: The Learners will be aware of the ethical and moral values and discriminate between ethical and unethical behaviours.

PO:5: To develop wide spectrum of managerial skills along with competency building, qualities in specific areas of business studies.

PO:6: The Learners will be prepared to join the industry or peruse higher Studies or research.

PO:7: Problem solving through the application of appropriate theories, principles and data.



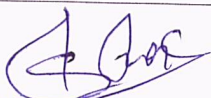

Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

Bachelor of Business Administration (BBA) 3 Years

COURSE OUTCOME

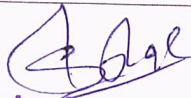
F.Y. B.B.A. (SEM I)		
Course Code	Course Name	Course Outcome
101	Principles of Management	<p><u>Students Will be able to:</u></p> <ul style="list-style-type: none">• Understand the conceptual knowledge about nature, complexity, functions of management etc.• Understand the principles of management given by different author's students can develop managerial skill.• Describe the importance of management of change, crises, TQM, stress management etc.• Apply Henry Fayol's principles in day to day working life.
102	Business Communication Skills	<p><u>Students Will be able to:</u></p> <ul style="list-style-type: none">• Understand the role of communication in personal and business world.• Understand system and Communication and their utility.• Explain proficiency in how to write business letters and other communications required in Business.• Apply different communication skills in day to day life such as formal




Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune-411044

		communication, informal communication etc.
103	Business Accounting	<p><u>Students Will be able to:</u></p> <ul style="list-style-type: none"> • Understand role and importance of monetary and financial transactions in business. • Describe right approach towards classification different transactions and their implications • Describe different statements and books of accounts such as journal, ledger, trial balance, final accounts etc. • Apply accounting standards and why it is applied in industries.
104	Business Economics (Micro)	<p><u>Students Will be able to:</u></p> <ul style="list-style-type: none"> • Understand importance of Business Economics. • Understand the different concepts of economics such as demand, supply, utility etc. • Explain economic analysis in the formulation of business policies. • Describe understanding regarding monopoly, perfect competition revenue etc. • Apply different decisions taken in relation to price demand and supply.
105	Business Mathematics	<p><u>Students Will be able to:</u></p> <ul style="list-style-type: none"> • Understand basic concepts of mathematics like computation interest, Profit etc.



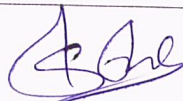

Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune-411 044

		<ul style="list-style-type: none"> • Understand the concepts of Ratio Proportion, matrix and determinant, commission, brokerage and premium etc. • Explain interpret graphs, charts and equations which are going to be applied in Businesses. • Apply logical approach towards analytical approach data.
106	Business Demography	<p>Students Will be able to:</p> <ul style="list-style-type: none"> • Understand concept of the basics of business demography in modern economic set up. • Describe population and structure changes affecting quality of life and business. • Apply clarity of concept regarding social economic process and urbanization and its impact on society.

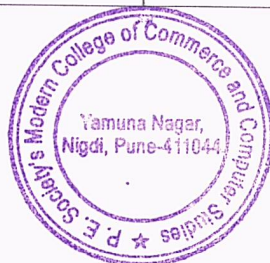
F.Y. B.B.A. (SEM II)


Course Code	Course Name	Course Outcome
201	Business Organization and System	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand basics of Organizational Structure importance. • Understand role and functions of modern business. • Describe business institutions function in given economic set up. • Apply different concepts e.g. digital marketing, online trading and payment methods etc.




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune-411044

202	Principles of Marketing	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand nature, scope and importance of marketing. • Understand basic concepts of marketing such as Marketing mix, PLC etc. • Describe basic and essential skills related to marketing. • Apply recent trends in marketing for ex. Green marketing, Digital marketing, Virtual marketing and Hybrid marketing.
203	Principles of Finance	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand basic concepts of principles of finance and different sources of finance. • Describe analysis of books of accounts and statements. • Explain the importance of capital structure, Capitalization etc. • Apply various sources of finance and their role and utility in business.
204	Basics of Cost Accounting	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand basic concepts of cost accounting and cost expenditure in business. • Describe how overheads influence the cost structure of cost. • Explain the importance of cost accounting standards and why it is applied in industries. • Apply different statements and books of accounts such as cost sheets, statement of cost, statement of profit etc.
		<p><u>Students will be able to:</u></p>





Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune-411044

205	Business Statistics	<ul style="list-style-type: none"> • Understand basic concepts of statistics. • Describe statistic data through histogram, pie diagram, bar diagram etc. • Explain the importance of basic statistical techniques. • Apply how the different statistical concepts can be applied in different industries differently.
206	Fundamentals of Computer	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand basic concepts of Computer and concept of information and their role in modern business. • Understand regarding cautions regarding security, safety and security while using net based service. • Describe how computers can be used in data process analysis in business. • Apply MS-Excel, Power Point etc.

S.Y.B.B.A. (SEM III)		
Course Code	Course Name	Course Outcome
301	Principle of human resource management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand basic concept of Human resource management. • Describe cultivate right approach towards Human resource and their role in business.

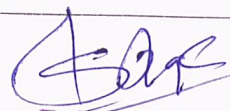



Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune-411044

S.Y. B.B.A. (SEM III)

Course Name	Course Outcome
Principle of human resource management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand basic concept of Human resource management. • Describe cultivate right approach towards Human resource and their role in business. • Explain various key aspects of Job Analysis and human resource planning. • Apply the various trends in HRM.
Supply Chain Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand Supply chain management. • Explain the importance of warehousing and its role in space management. • Describe the key concept and issue of logistics and inventory management. • Apply information and communication technology in supply chain management.
Global Competencies & Personality Development	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand various factor affecting personality development of an individual • Describe various dynamics of personality development. • Explain the importance of theories of personality development. • Apply appropriate behavior in social and professional circle and Personality skills in daily life.




Principal

P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

		development.
A 305	Consumer Behavior & Sales Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand consumer behavior in marketing. • Describe the relationship between consumer behavior and sales management. • Explain the importance of decision making aspects and its implantation considering consumer behavior in sales management. • Apply strategy to influence consumer behavior.
A306	Retail Management + Business Exposure	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the store operation, merchandising and customer management. • Explain the importance of opportunities and challenges in retail industry. • Describe factors impacting store design and location selection. • Apply retail strategy, retail operations management, innovation in retail and the key issues impacting growth in retail firms.
B305	Management Accounting	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the implications of various financial ratios in decision making • Understand Accounting concepts and its importance in business. • Explain importance of application and use of various tools of management accounting in the business.



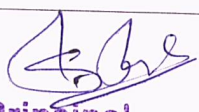
[Handwritten Signature]

Principal

P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune-411031

		<ul style="list-style-type: none"> Apply management accounting tools to develop decision making skill.
B306	Banking & Finance + Business Exposure	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> Understand banking functions and its operations. Understand functioning of regulatory Authorities in India. Explain the importance of recent technology in banking Industry. Apply E-banking, Mobile banking, ATM and debit card services.
C305	Organizational Behavior	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> Understand major theories concept, models and frameworks in the field of organizational behavior. Explain the importance organizational behavior at individual, group and organizational level. Describe the approaches to line up individual, groups and managerial behavior in order to achieve organizational goals. Apply leadership different styles of leadership and models of organizational behavior in specific organizational settings.
C306	Legal Aspects in Human Resources + Business Exposure	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> Understand basic concept of wages and salary administration. Explain the importance legal issue related to HR in an organization. Describe rights of employee at work place. Apply the applications of different legal aspects in HR.

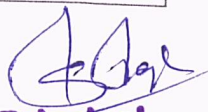



Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

S.Y. B.B.A. (SEM IV)

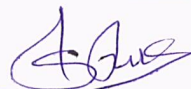
Course Code	Course Name	Course Outcome
401	Entrepreneurship and Small Business Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concept and process of entrepreneurship. • Explain the importance of practiced Business plan from the point view of entrepreneur. • Describe role and contribution of entrepreneur and small business in growth and development of individual and the nation. • Apply their skills in learning Institutional Support to New Venture.
402	Production and Operations Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the key concept of production and operation management. • Explain the importance of various manufacturing methods and role in managing business. • Describe the different layout and safety consideration use for product management. • Apply various safety majors and ergonomics in industries.
403	Decision Making and Risk Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the role and scope of decision making and risk management in organization. • Explain best alternative in a




Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

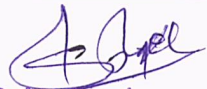
	Management	<p>decision with multiple objectives and uncertainty.</p> <ul style="list-style-type: none"> • Describe the process of making a decision. • Apply rational models of decision making in an organization.
404	International Business Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand international trade models. • Describe impact of international business environment on foreign market operations. • Explain international investment and its risks associated. • Apply financial aspects in world economic, their need and functionality.
A405	Advertising & Promotion Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understanding the different sales promotion techniques and importance of advertising. • Explain the importance of copy creation and media selection. • Describe the process of online advertising. • Apply Promotion management.
A406	Digital Marketing + (Prescribed computer course or online course)	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the role and importance of digital marketing. • Explain importance of digital marketing impact the sale of an organization. • Describe the overall effect of digital marketing upon the sales of an organization. • Apply digital strategy to influence consumer behavior.




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune-411 044

B405	Business Taxation	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the importance of taxation policies. • Describe and identify the taxable and non-taxable entities. • Explain the importance of taxable and non-taxable entities. • Apply various exemptions & deductions under Income tax act.
B406	Financial Services + Computer Course (Prescribed course or online course or online course)	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand detail financial services in India. • Describe working of Indian Financial system. • Explain importance of well acquainted regarding financial markets. • Apply various financial services provided by various financial institutions in India.
C405	Human Resource Management Functions & Practices	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concept of employee compensation and other functions of HRM. • Explain the importance aspects in an organization and various forms of Workers participation in management. • Describe the methods of performance appraisal, training, executive development and employee compensation. • Apply HR practices adopted by the organization.
		<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the techniques of




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

C406	Employee Recruitment & Record management + Computer course (Prescribed course or online course)	<p>manpower forecasting.</p> <ul style="list-style-type: none"> • Explain right approach towards employee recruitment and record management. • Describe applications of employee record management in organization. • Apply employee acquisition and its importance in industry.
------	---	---

T.Y. B.B.A. (SEM V)

Course Code	Course Name	Course Outcome
501	Research Methodology	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the right approach of research Methodology and its role in Business. • Understand the basic framework of the identification of various sources of information for data collection. • Explain various Designs, Tools and techniques of research Study. • Apply conducting research work and write research paper and research project report.
502	Database Administration and Data Mining	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the database Management System. • Explain Data mining concepts. • Describe Cloud computing in business. • Apply Cloud computing and Data mining and mining in business.
		<p><u>Students will be able to:</u></p>




(Signature)

Principal

P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune-411044

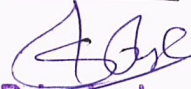
503	Business Ethics	<ul style="list-style-type: none"> • Understand the concepts of Business Ethics. • Describe theoretical tools to understand current ethical issues and their impacts on business. • Explain the role of Ethics in business, Government and Society. • Explain the Ethical scenario concerning to Environment and consumer protection.
504	Management of Corporate Social Responsibility	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concept and process of CSR. • Understand the industrial contribution for CSR Policy. • Describe the context of CSR of present-day Management. • Explain the contribution of CSR for the development of Society.
A505	Marketing Environment Analysis and Strategies	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the Marketing strategies and Environment Analysis adopting advanced tools. • Describe Role of Data Analytics in Business Analysis. • Explain Challenges of Business Data Analytics. • Apply strategies for sustaining the forces in Marketing Environment.
A506	Legal Aspects in Marketing Management + Project & Viva	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the application of different legal aspects in Marketing Management. • Describe legal aspect of Marketing Management and law related to sales, home delivery, telesales and Direct Mail Sales to understand the




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

		<p>gist of the case study and way of attempt or solution.</p> <ul style="list-style-type: none"> • Explain rules and laws related to broadcasting ads via different forms and claims for misled adv campaign. • Apply issues and laws related to online marketing and Ts & Cs in CRM.
B505	Analysis of Financial Statements	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand conceptual framework of financial analysis and provide practical exposure to apply various tools of financial statements. • Describe various types of ratios for financial and investment decisions. • Explain importance of various types of ratios financial and investment decisions. • Apply cash flow and Fund flow statements and their importance in financial analysis.
B506	Legal Aspects of Finance & security Laws + Project & Viva	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the legal aspects of finance and security laws. • Explain the importance of Investor education and protection fund under SEBI regulations & Companies Act 2013, MOA, AOA etc. • Describe the legal provisions to obtain finance from various sources of finance. • Apply the various finance and securities related laws in India.
C505	Cross cultural HR & Industrial Relations	<p><u>Students will be able to:</u></p>




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune-411044

		<ul style="list-style-type: none"> • Understand Cultural Variables in Multinational Enterprises. • Describe fundamental knowledge of Industrial Relations. • Explain basic business etiquette and dining etiquette that will help to work in different countries across the globe. • Apply relationship between Cross-Culture Management and Human Resource Management.
C506	Cases in Human Resource Management + Project & Viva	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand the application of theory into practice. • Describe recent happening in important concepts of Human Resource. • Explain steps in solving case studies. • Apply Job Analysis- Job Description, Job Specification, and Job Evaluation.

T.Y. B.B.A. (SEM VI)

Course Code	Course Name	Course Outcome
601	Essentials of E-Commerce	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand the importance, role, and activities of E-Commerce. • Describe concept of E-Marketing and its tools in E-Commerce. • Explain concept of Cyber Space and Cyber Security in E-Commerce • Apply E-Money and E-Payment systems used in E-Commerce.



[Signature]

Principal

P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

602	Management Information System	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the basic concept of Information Technology and Management Information Technology. • Describe the role of information technology and information systems in business. • Explain fundamental knowledge of Structured System Analysis and Design. • Apply contrast and compare how MIS support business processes.
603	Business Project Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand Intermediate knowledge & Insights in Project Management. • Describe concept based approach towards Management of Business Projects. • Explain relationship between the significance of Businesses Projects & their Management. • Apply Project management skills.
604	Management of innovations & Sustainability	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concepts of Innovation and Sustainability in a practical sense. • Describe significance of organisational sustainable development and the economic implications of sustainable development. • Explain most common errors made when handling sustainable growth. • Apply IT System and Their Impact on Innovations.



(Signature)

Principal

P. E. Society's

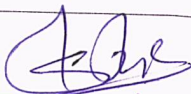
Modern College of Commerce

and Computer Studies,

Nigdi, Pune - 411 044

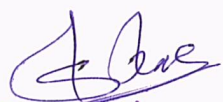
A605	International Brand Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand concept of developing brands. • Describe concept of brand equity. • Explain strategies in managing brand portfolios. • Apply Brand evaluation plans in the international scenario.
A606	Cases in marketing + Project	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the application of theory into practice. • Describe Product Mix with PLC. • Explain New Product Development. • Apply E-Marketing and Digital Marketing.
B605	Financial Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand various sources of finance of business. • Explain the capital structure of the company and its cost of capital • Describe the optimum capital mix and concept of overcapitalization and under capitalization. • Apply Calculated and mathematical skills.
B606	Cases in Finance + Project	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand core areas of finance. • Describe the analysis and interpretation of financial statement with the help of techniques like Ratio analysis fund flow analysis and cash flow analysis. • Explain the importance of Working capital management. • Apply practical application of finance.




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

C605	Global Human Resource Management	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand the concepts, theoretical framework, and issues of HRM in Global Perspective. • Describe issues and practices about the major HRM functions within the context of the global environment. • Explain how companies manage their expatriates • Apply international approaches to dealing with people in organizations.
C606	Recent Trends & HR Accounting + Project	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand the theoretical and practical fundamental knowledge of Recent Trends in HRM and HR Accounting. • Describe various Employee Engagement Strategies to enhance Employee Engagement. • Explain the different methods used to calculate the value of human Resources. • Apply methods of Human Resource Valuation.




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune-411 044



Progressive Education Society's
Modern College
of Commerce & Computer Studies
Affiliated to Savitribai Phule Pune University

Bachelor of Commerce (B.Com) 3 Years

THE PROGRAM OUTCOME:

- PO:1:** Students should be conceptually aware and have practical skills in the subject of commerce.
- PO:2:** Students should be able to handle the most recent changes in the national and international business environment.
- PO:3:** Students should develop employability skills and get ready for leadership roles in the business sector.
- PO:4:** Students should learn entrepreneurial skills and support the nation's economic growth.
- PO:5:** To be excellent individuals, students need possess social, moral, and civic values.
- PO:6:** Effectively communicate ideas in the domain of commerce using new technology.
- PO:7:** Students will be able to assess domestic and global issues and have discussions about economic, commercial, and business-related issues.
- Po: 8:** Use current trends in business, organizations, and industries efficiently.



Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

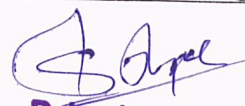
Bachelor of Commerce (B.Com) 3 Years

COURSE OUTCOME

F.Y. B.Com. (SEM I)

Subject Code	Subject Name	Subject Outcome
111	Compulsory English- I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none">• To understand the entrepreneurship skills• It describes the Biographies of corporate Leaders.• Explain the classical writers of English Literature.• Develop the employability skills, communication skills and life skills.
112	Financial Accounting - I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none">• To understand the basic concept of accounts.• It describes the practical usage of accounting concepts.• Explain the accounting concepts in business environment.• Develop the computerized accounting practically.
113	Business	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none">• To understand the conceptual knowledge of




Principal

P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

	Economic s- I	<p>business economics.</p> <ul style="list-style-type: none"> • It describes the diverse concepts and the problem of micro economic. • Explain the significance of basic theories, concepts of micro economics and their application • Apply the theories of business economics for solving the problem of decision making by consumers and producers.
114 (A)	Business Mathemat ics and Statistics - I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand concepts in Finance and Business Mathematics and Statistics • Understand graphical method to solve business optimization problems with two variables. • Apply basic concepts in Statistics. • Apply elementary statistical methods for analysis of data.
114 (B)	Computer Concepts and Applicati on- I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand use of Computer Applications in various fields of Commerce • Describe Importance of Networking • Explain basics of Operating System and business communication tools. • Apply basics of Network, Internet and related concepts.
		<u>Students will be able to:</u>



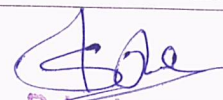
[Handwritten Signature]

Principal

P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

115	b) Banking and finance	<ul style="list-style-type: none"> • Understand the basic concept in banking. • Describe the operations of various deposits accounts. • Explain the e-banking techniques • Develop the communication and writing skills.
116	a) Essentials of E- Commerc e	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand various types of E-commerce business. • Explain concept of Electronic Data Inter exchange and its significance. • Apply practical knowledge on effective design of Website and Domain Registration. • Describe Awareness on the various forms of ecommerce.
116	e) Business Environm ent & Entrepren eurship	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the difference between Entrepreneurial and non-Entrepreneurial behavior. • Explain concept of Business Environment and its aspects. • Apply knowledge of the significance of Entrepreneurship in economy. • Understanding the concept of entrepreneur, competencies of a successful entrepreneur.
117	Additional English	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • To understand the entrepreneurship skills • It describes the Biographies of corporate Leaders. • Explain the classical writers of English



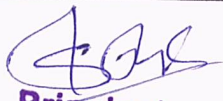

 Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

		<p>Literature.</p> <ul style="list-style-type: none"> • Develop the employability skills, communication skills and life skills.
117	German	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the cultural diversity • Understand effective speaking, listening skills in German. • Describe intellectual or historical trends of the cultures of concentration. • Develop additional language.

F.Y. B.Com. (SEM II)

Subject Code	Subject Name	Subject Outcome
121	Compulsory English- II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the new pieces of literature. • Describes the cultural values and global challenges through the essays, poems and short stories. • Develop the literary sensibilities.
122	Financial Accounting - II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand computerized accounting, its application and




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

		<p>utility.</p> <ul style="list-style-type: none"> • Describe accounting transactions and how to prepare annual financial statements. • Explain concept of intangible assets and the methods of their valuation. • Apply methods of leasing.
123	Business Economics- II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand concepts of revenue and cost. • Understand the imperfect market conditions in which buyers and sellers operate and how equilibrium is reached. • Explain the competitive market conditions in which buyers and sellers operate. • Apply price determination in factor market.
124(A)	Business Mathematics and Statistics - II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand concepts in Finance and Business Mathematics and Statistics • Understand graphical method to solve business optimization problems with two variables. • Apply basic concepts in Statistics. • Apply elementary statistical methods for analysis of data.
124(B)	Computer Concepts	<p><u>Students will be able to:</u></p>



[Handwritten Signature]

Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

	and Application- II	<ul style="list-style-type: none"> • Understand Technologies Used in E-Commerce Systems • Describe M-Commerce • Explain use of E-Marketing • Apply E-Customer Relationship Management
125	b) Banking and finance	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Students will be able to: • Understand the basic laws related to bank. • Describe the various instruments used by bank for transaction convenience. • Explain the basic knowledge of the lending and investment policy of bank. • Develop logical and critical thinking.
126	a) Essentials of E-Commerce	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Students will be able to: • Understand Electronic Data Interchange, documentation and merits of EDI. • Understand traditional v/s electronic retailing. • Explain e-commerce process and payment solution. • Apply Process of E-Commerce security.

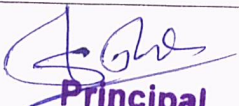


[Handwritten Signature]

Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

126	e) Business Environment & Entrepreneurship	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand difference between entrepreneurial and non-entrepreneurial, personality, Habits of Entrepreneurs • Describe Skill-Realising role of entrepreneurship in economy • Explain significance of entrepreneurship • Explain Role of Entrepreneurship in economy- Entrepreneur as a catalyst
127	Additional English	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the new pieces of literature. • Describes the cultural values and global challenges through the essays, poems and short stories. • Explain the classical writers of English Literature. • Develop the employability skills, communication skills and life skills.
127	German	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the cultural diversity • Understand effective speaking, listening skills in german. • Describe intellectual or




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

		<p>historical trends of the cultures of concentration.</p> <ul style="list-style-type: none"> • Develop additional language.
--	--	---

S.Y. B.Com. (SEM III)

Subject Code	Subject Name	Subject Outcome
231	Business Communication- I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concept, process and importance of communication. • Describe new trends in business communication. • Explain Elements of Soft Skills • Apply business communication skills through the application and exercises.
232	Corporate Accounting- I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concept and need of valuation of shares • Describe financial statements in simple and summarized manner for effective decision making process. • Explain various Concepts, Objectives and applicability of some important accounting standards associated with to corporate accounting.

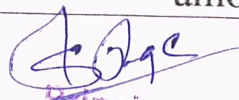


[Signature]
Principal

P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

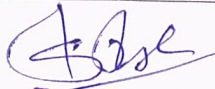
		<ul style="list-style-type: none"> • Apply knowledge for preparation of final accounts of a company as per Schedule III of the Companies Act 2013
233	Business Economics - I (Macro)	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • To familiarize the students to the basic theories and concepts of Macro Economics and their application. • to provide knowledge about macroeconomics that includes macro-economic variables and theories • To introduce the various concepts of National Income. • To provide knowledge about various concepts like functions of money, trade cycle and macroeconomic policies and also about the concepts used in public finance.
234	Business Management - I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand how to motivate team members and understand their expectations. • Describe the importance of CSR. • Explain concept of conflict management and how to handle it. • Develop skills to establish coordination among




 Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

		departments.
235	Elements of Company Law- I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand law on formation of new company in India. • Describe e-commerce, E governance and e-filing mechanism relating to Companies. • Explain Companies Act 2013 and its provisions. • Apply legal environment relating to the company law
236	b) Banking and Finance	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand structure of Indian Banking. • Explain Role of Banking in Economic Development. • Describe Functions of Reserve Bank of India. • Explain functioning of private and public sector banking in India.
236	e) Cost and Works Accounting	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the basic concepts of cost. • Understand preparation of a cost sheet. • Describe the purchase procedure and its documentation.



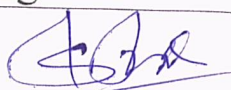

Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

		<ul style="list-style-type: none"> • Explain role of cost accountant in an organization.
--	--	---

S.Y. B.Com. . (SEM IV)

Subject Code	Subject Name	Subject Outcome
241	Business Communication- II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the Report Writing and Internal Correspondence. • Describe concept, process and importance of communication. • Explain new trends in business communication. • Understand the Writing Formal Mails and Blog writing.
242	Corporate Accounting- II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand corporate policies of investment for expansion and growth through purchase of stake in or absorption of smaller units. • Describe recent trends in the field of accountancy. • Apply process of liquidation of a company. • Apply consolidation of financial statement with the process of holding.




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

243	Business Economics – II (Macro)	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the theories of money. • Explain the credit creation of banks and money measures of RBI. • Describes the phases of trade cycle and concepts related to public finance. • Apply the policy measures in trade cycle.
244	Business Management - II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand how to motivate team members and understand their expectations. • Describe the importance of CSR. • Explain concept of conflict management and how to handle it. • Develop skills to establish coordination among departments.
245	Elements of Company Law- II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand E Governance and E Filing under the Companies Act, 2013. • Describe meaning, Definition and Appointments of Managing Director, Whole Time Director, Manager,



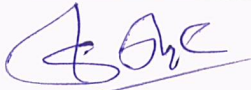
[Signature]
Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

		<ul style="list-style-type: none"> • Explain about the various meetings of Companies and their importance. • Understand Key Managerial Persons and CSR
246	b) Banking and Finance	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand functioning of Development Banking • Explain Structure of Co-operative Banking in India • Describe Role of Development Banks in Economic • Understand role of various committees on Banking Sector Reforms.
246	e) Cost and Works Accounting	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand classification and codification of cost • Understand the labour turnover, job analysis and evaluation • Explain methods of time keeping and time booking. • Apply pricing methods used for issuing the material.

T.Y. B.Com. (SEM V)

Subject Code	Subject Name	Subject Outcome
351	Business Regulatory	<u>Students will be able to:</u>




 Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

	Framework - I	<ul style="list-style-type: none"> • Understand framework of business Law in India. • Describe legal aspect of business. • Explain nature of partnership, Rights and duties of Partner Handling the registration and dissolution of the partnership. • Understand basic concepts, terms & provisions of Mercantile and Business Laws.
352	Advanced Accounting - I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand concepts, objectives, and applicability of some important accounting standards. • Explain reorganization of business regarding restructuring the capital. • Apply preparation of final accounts of Banking Companies with the provisions of Banking Regulation Act 1949. • Apply skill regarding Investment Accounting.
353	Indian and Global Economic Development - I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • To provide knowledge about economic development of India, economic development



(Signature)

Principal

P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

		<p>policies that are applied for development of economy.</p> <ul style="list-style-type: none"> • Aims to develop ability of the students to analyze the development of Indian economy as compared to global economies through the comparison of different sectors. • To acquaint students with the emerging issues in policies of India's foreign trade. • To acquaint the students with the knowledge of recent trends in Human Development Index
354	Auditing & Taxation - I	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand concept of Auditing, Various type of Audit • Describe procedure of vouching, Verification, and Valuation use for audit. • Explain terms used in Audit Report, Certificate and Auditing Assurance Standard. • Apply new techniques applicable for new business trends.
355	b) Banking and Finance Paper – II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understanding the concept and types of cyber-crimes in banking • To familiarize the Banking Laws and Practice in



(Signature)

Principal
P. E. Society's

Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

		<p>correlation to the Banking System in India.</p> <ul style="list-style-type: none"> • To acquaint the students with Indian Financial System and its various segments. • To make students capable of understanding and applying the practical aspects of banking to help them technically sound in banking parlance.
355	e) Cost and Works Accounting Paper – II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand recent trends in cost accounting. • Describe the concepts of labour turnover and merit rating. • Explain the ascertainment of labour cost. • Develop how to calculate the issuing price of material.
356	b) Banking and Finance Paper – III	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the role of Indian Financial Markets and Institutions. • Describe the various banking laws, negotiable instrument, and their operations. • Explain the relationship between bank and customer. • Develop the recovery measures



[Signature]
Principal

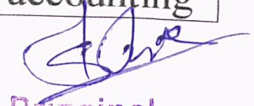
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

		adopted by banks.
356	e) Cost and Works Accounting Paper – III	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the overhead accounting. • Explain the concepts of Activity Based Costing. • Describe the Supply Chain and Management Information System. • Apply the technique of costing and prepare budget.

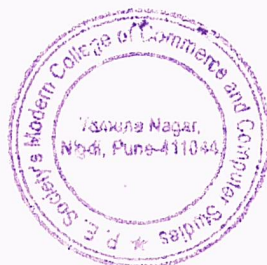
T.Y. B.Com. (SEM VI)

Subject Code	Subject Name	Subject Outcome
361	Business Regulatory Framework - II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand various statutes containing regulatory mechanism of business and its relevant provisions including different types of partnerships. • Explain landmark cases/decisions having impact on business laws • Describe general awareness of Business Law • Apply seek the career opportunity in corporate sector and as a business person
362	Advanced Accounting - II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand branch accounting




 Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

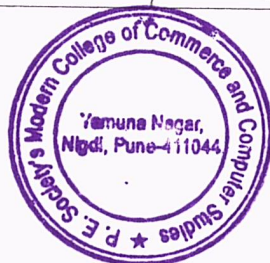
		<p>in simple</p> <ul style="list-style-type: none"> • Describe conceptual aspects of various recent trends in the field of accounting • Explain legal provisions regarding preparation and presentation of final accounts of Co-operative Societies. • Apply procedure and methods of analysis of financial statements.
363	Indian and Global Economic Development - II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concept of development and deprivation indices. • Explain the role of foreign capital in Economic development. • Describe the role of Indian Foreign Trade Policy. • Describe the role of International Financial Institutions.
364	Auditing & Taxation - II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the basic concepts of Income Tax Act, 1961. • Explain procedure of computation of income under different heads of income and tax payable on the income. • Understand the calculation of total income and tax payable by individual person.

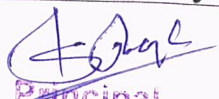


[Handwritten Signature]

Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

		<ul style="list-style-type: none"> • Explain the e-filing due dates, recent changes in income tax provisions.
365	b) Banking and Finance Paper – II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the basics of stock market. • Explain the mechanism of trading. • Describe the working of NBFC's. • Describe the role and functioning of regulatory authorities.
365	e) Cost and Works Accounting Paper – II	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concept of cost audit its procedure and legal formalities. • Explain the various pricing decisions. • Describe the method of costing and cost determination under different methods. • Apply the costing methods and techniques.
366	b) Banking and Finance Paper – III	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the basics of stock market. • Explain the mechanism of trading. • Describe the working of NBFC's. • Describe the role and functioning of regulatory




 Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

		authorities.
366	e) Cost and Works Accounting Paper – III	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concept of cost audit its procedure and legal formalities. • Explain the various pricing decisions. • Describe the method of costing and cost determination under different methods. • Apply the costing methods and techniques.

[Handwritten Signature]

Principal

P. E. Society's
**Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044**





Progressive Education Society's
Modern College
of Commerce & Computer Studies
Affiliated to Savitribai Phule Pune University

Bachelor of Business Administration (CA) 3 Years

THE PROGRAM OUTCOME:

PO:1: The BBA (CA) programme offers a strong academic foundation for those looking to pursue advanced careers in computer applications while also gaining a variety of management and business skills.

PO:2: This course focuses on both the theoretical underpinnings of computer use and its real-world business applications.

PO:3: Students learn fundamental programming skills in this course, which can help them, develop into skilled programmers.

PO:4: Students study the latest computing methods.

PO:5: Through developing of their own projects in the fifth and sixth semesters, students gain good exposure to the process of software development, which aids in campus employment.

PO:6: The Learners will understand moral and ethical standards and be able to distinguish between morally right and wrong actions.

PO:7: This course develops in the students strong managerial and soft skills that produce noble IT professionals.



Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

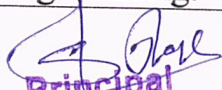
Bachelor of Business Administration (CA) 3 Years

COURSE OUTCOME

F.Y. B.B.A. (CA) (SEM I)

Subject Code	Subject Name	Subject Outcome
CA-101	Business Communication	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none">• Understand importance of communication in business.• Describe system and communication and their utility• Explain difficulties in written communication.• Develop proficiency in how to write business letters and other communications.• Apply modern means of communication in their daily life.
CA-102	Principle of Management	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none">• Understand basic concept regarding org. Business Administration• Describe Evolution of management thoughts• Explain how various management principles• develop managerial skills among the students
CA-103	C Language	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none">• Understand Basic concept of programming• Describe Decision Making and looping• Explain Programs through conditional and looping statements• Develop problem by analyzing and converting logical thinking to computer understandable format using C Programming.



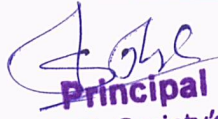

Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

CA-104	Database Management System	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand basic database concepts in database system. • Describe Database Design and Modeling • Explain Structured Query Language (SQL) • Apply write SQL queries and do database connectivity with any front-end platform.
CA-105	Statistics	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concept of measures of central tendency and variation, probability and probability distributions and their importance in business. • understand role and importance of statistics in various business situations • Develop right understanding regarding regression, correlation and data interpretation • Develop skills related with basic statistical techniques.
CA-106	Computer Laboratory Based on 103 & 104	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Apply knowledge of student in C and DBMS. • Apply knowledge on writing computer programs using C Language

F.Y. B.B.A. (CA) (SEM II)

Subject Code	Subject Name	Subject Outcome
		<u>Students will be able to:</u>




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

CA-201	Organization Behavior & Human Resource Management	<ul style="list-style-type: none"> • understand basic concept of HRM & OB • Explain about traditional & modern methods of procurement & development in organization. • Apply major trends in HRM & OB. • Apply the knowledge they have received for the betterment of the organization.
CA-202	Financial Accounting	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand knowledge of basic concepts of accounting. • Apply Knowledge practicing tally software package in their day today life. • develop right understanding regarding role and importance of monetary and financial transactions in business • develop right understanding regarding role and importance of monetary and financial transactions in business
CA-203	Business Mathematics	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand role and importance of Mathematics in various business situations and while developing software's. • Apply knowledge for Profit and Loss. • Develop skills related with basic mathematical technique.



(Signature)
Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

CA-204	Relational database	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand relational database concepts and transaction management concepts in database system. • Understand various data types , operators , functions and control statements • Explain predefined and user defined exceptions • Apply knowledge to write PL/SQL programs that use: procedure, function, package, cursor and trigger.
CA-205	Web Technology HTML- JS-CSS	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand concepts of internet programming. • Explain effective web design Concept • Explain Concept of Java Script • Develop web based applications using JavaScript
CA-206	Computer Laboratory Based on 204 & 205	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand how data of different types can be handled / accessed using different structures using C Programming. • Describe how to access data of oracle using PL/SQL programs that use: procedure, function, package, cursor and trigger.
CA-207	Add-On (Advance C)	<p><u>Students will be able to:</u></p>



Principal
Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

		<ul style="list-style-type: none"> • Understand solve problem by analyzing and converting logical thinking to computer • Understandable format using C Programming. • Students will be able to design their own program to solve mathematical problems using C Programming.
--	--	--

S.Y. B.B.A. (CA) (SEM III)

Subject Code	Subject Name	Subject Outcome
CA-301	Digital Marketing	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the new digital market and its terminology. • Understand Digital marketing for business purpose • Explain SWOT analysis, SEO optimization and use of various digital marketing tools • Apply digital marketing in real time use
CA-302	Data Structure	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the concepts of ADTs and learn linear data structures – lists, stacks, and queues. • Understand the sorting, searching and hashing algorithms. • Describe Basic Concept and Introduction to Data Structure.




(Signature)

Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

		<ul style="list-style-type: none"> • Apply Tree and Graph structures
CA-303	Software Engineering	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the System concepts and learn Software Engineering concepts. • Understand System concepts. • Understand the applications of Software Engineering concepts and Design in Software development.
CA-304	PHP	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand how server-side programming works on the web • Understand POST and GET in form submission • Describe Process to Read and process data in a MySQL database. • Explain How to receive and process form submission data.
CA-305	Block chain	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand how block chain systems (mainly Bitcoin and Ethereum) work • Explain securely interact with them • Describe Design, build, and deploy smart contracts and distributed applications. • Apply Integrate ideas from block chain technology into their own projects.
CA-306	Computer Laboratory	<p><u>Students will be able to:</u></p>

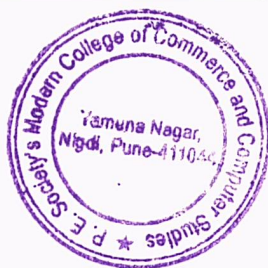


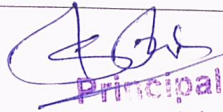

Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

	Based on 302, 304 and 305	<ul style="list-style-type: none"> • Understand different data structures to solve the problems. • Apply knowledge on different sorting techniques on different types of data. • Develop and apply detailed analytical, creative, problem solving skills.
--	---------------------------	--

S.Y. B.B.A. (CA) (SEM IV)

Subject Code	Subject Name	Subject Outcome
CA-401	Networking	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand knowledge of Computer Networks and also know about working of networking models, addresses, transmission medias and connectivity Devices. • Understand the basics and importance of network security and cryptography. • Describe transmission Media • Apply Different Network model
CA-402	Object Oriented Concepts through CPP	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the basic object-oriented concepts • Explain constructor and destructor, inheritance, polymorphism and exception • Develop programming concept to like operator overloading.




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

CA-403	Operating System	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand Operating System • To understand design issues related to memory management and various related algorithms • Describe scheduling concept. • Apply Knowledge on various Operating System issue
CA-404	Advance PHP	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand Concepts of Internet programming • Understand how server-side Programming works • Explain Joomla/Drupal Framework • Develop connectivity with html form.
CA-405	Project	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Develop Software projects. • Develop How to write the project. • Abstract, how to write the project documentation.
CA-406	Computer Laboratory Bases on 402,404	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand how to apply the use of operator overloading, constructor and destructor, inheritance, polymorphism, and exception handling with examples. • Understand how to apply Structure a Node application in • Modules and how to Build a Web Server in Node. • Apply practical knowledge for application of object-oriented concepts in programming using C++.



[Signature]
Principal

P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

T.Y. B.B.A. (CA) (SEM V)

Subject Code	Subject Name	Subject Outcome
CA-501	Cyber Security	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand of Cyber Security and the Tools. • Identify the different types of Cyber Crimes. • understanding of Cyber laws • Develop Cyber forensics awareness. • Explain attacks, security policies and credit card frauds in mobile and Wireless Computing Era
CA-502	Object Oriented Software Engineering	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the fundamentals of object modeling • Understand and differentiate Unified Process from other approaches. • Develop the software design with design patterns.
CA-503	Core Java	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the use of abstract classes • Develop multithreaded applications with synchronization • Develop applets for web applications. • Develop real world problems using OOP techniques
CA-504	Python	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand demonstrate the use of



(Signature)
Principal

P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

		<p>built-in data structures “lists” and “dictionary”.</p> <ul style="list-style-type: none"> • Develop program to solve a real world problem. • Develop GUI application and how to handle exceptions and files.
CA-505	Project	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Develop ideas about how to create Software projects. • How to write the project abstract, how to write the project documentation.
CA-506	Laboratory Course – V [Based on Paper No. 501,502 and 503]	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Apply knowledge to learn Java/Dot net/Web Technology Programming in a simple and effective manner so that students are able to work in company as a developer.

T.Y. B.B.A. (CA) (SEM VI)

Subject Code	Subject Name	Subject Outcome
CA-601	Recent Trends in IT	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand basic concepts AI. • Describe overview of the concept of Spark programming. • Explain AI Search Techniques • Apply basic, intermediate and advanced techniques to mine the data.

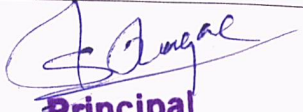


(Signature)

Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044

CA-602	Software Testing	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand testing tools. • Apply Knowledge of Basic SQA. • Develop design basic Test Cases.
CA-603	Advanced Java	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand Basic concepts of JDBC Programming. • Understand concepts of Multithreading and Socket Programming. • Explain concepts of Spring and Hibernate. • Develop the project by using JSP and JDBC. • Develop applications in Spring and hibernate.
CA-604	Dot Net Framework	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • Understand the features of Dot Net Framework along with the features of VB, C# and ASP. • Explain database connectivity using ADO.NET for VB, C# and ASP • Develop window based and web based .NET applications. • Develop a Website.
CA-605	Project	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • It helps to guide to open source tools and frameworks. • Gives the real time experience of working on Java /Dot net /PHP. • Development projects through software.
CA-606	Computer Laboratory Based on 603 and 604	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> • This is helping students to learn Adv.




Principal
 P. E. Society's
 Modern College of Commerce
 and Computer Studies,
 Nigdi, Pune - 411 044

		Java/Adv. web Technology Programming in a simple and effective manner so that students are able to work in company as a developer.
--	--	--



A handwritten signature in blue ink, appearing to be "A. S. S.", written in a cursive style.

Principal
P. E. Society's
Modern College of Commerce
and Computer Studies,
Nigdi, Pune - 411 044