



Shiksha Mandal's

G. S. College of Commerce, Wardha (Autonomous)

B.Com. (Major in Computer Application)

Semester – I



Programming in C & C++ (BCCA 1.1)			
Teaching Hours: 60	Total Credits: 4	Total Marks: 40+30+30 = 100	Group: Major Core
Objectives: 1. To provide the students an understanding of basic concepts of the programming language. 2. To make the students familiar with the Procedure Oriented and Object-Oriented Programming Concepts.			
Learning Outcome: 1. The students will be able to understand the basic concepts of control statements, Looping statements and array by learning of C and C++ languages. 2. Student would easily learn the concepts of Structure, Class and File Handling.			
Unit	Content		
I	Introduction to C Language, Development Tools: Algorithm & Flowchart C Tokens: Data Types- Variables, Operators, Character Set, Identifiers and keywords, Constants-Primary constant & Secondary Constant, C Operators, Type Conversion, Escape sequences, Writing a Program in C: Variable declaration, Simple Input and Output Statements. Control Statements: Conditional Expressions, Loop Statements, Breaking control statements. Arrays: Arrays and Functions, Multidimensional, Array, Character Array.		
II	Function and Program Structures: Defining a Function, Return Statement, Types of Functions, Actual & Formal Arguments Recursive Function. Storage Class: Automatic, Register, Static, External Storage Class. Pointers: Pointer and Functions, Pointers and Arrays, Pointer and Strings, Pointers to Pointers, Pre-processors, Macros, Structures and Union		
III	Basic concepts of OOPS, Comparison of PPL & OOP, Classes and Object:- Structure and Class, Scope resolution Operator, Manipulator, Functions in C++:- Function Prototyping, Special Member Functions:- Constructor, Destructor, Inline Function, Friend Function, Dynamic Memory Allocation, This Pointer Inheritance: - Types, Virtual Base Class, Abstract Class.		
IV	Polymorphism and Virtual Functions: - Early Binding, Late Binding, Virtual Function, Pure Virtual Function. Overloading function and Operator: - Function Overloading, Operator Overloading, Overloading Binary operator using Friend Function. Data File Operations: Input/output Functions, Opening and Closing of files, Simple File Operation, Structures and File Operation, Block Read/Write, Random Access File processing.		
Books Recommended: 1. Operating System Concept – Silberschatz, Galvin & Gagne, John Willey & Sons Inc, Haboken, NJ 2. The UNIX Programming Environment – Kernighan & Pike, PHI, London 3. Linux: The Complete Reference (Sixth Edition) – Richard Petersen, McGraw Hill, New Delhi 4. The Complete Reference, PC Hardware – Craig Zacker John Rourke, McGraw Hill, New Delhi 5. Cisco Networks – Christopher Carthern, William Wilson, Noel Rivera, Richard Bedwell 6. Computer Networks – Fourth Edition, Andrew S., Tanebaum			



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Semester – I



Secretarial Practice (BCCA 1.2.1)			
Teaching Hours: 30	Total Credit: 02	Total Marks: 35+15 = 50	Group: Generic/ Open Electives
Objectives: 1. To understand the concept of secretarial practice. 2. To understand the role of a Company secretary. 3. To gain insight on basic secretarial laws laid down by ICSI.			
Learning Outcomes: After learning this subject - 1. Understand key concepts and ethical practices in Secretarial Practice. 2. Gain knowledge of compliance, corporate governance, and digital filing. 3. Prepare for emerging roles in startups, MSMEs, and forensic audits.			
Unit	Content		
I	Unit I: Fundamentals of Secretarial Practice & Corporate Secretaryship 1. Introduction to Secretarial Practice <ul style="list-style-type: none">Meaning, Definition & ScopeEvolution & Development of Company SecretaryshipImportance & Relevance in Corporate GovernanceQualities & Professional Ethics of a Company Secretary 2. Appointment, Roles & Responsibilities of Company Secretary as Key Managerial Personnel (KMP) <ul style="list-style-type: none">Appointment, Powers, Duties & Liabilities of Company SecretaryRemoval & Resignation of Company Secretary 3. Secretarial Standards – Meaning and Application. Overview of Secretarial Standard (SS3)		
II	Unit II: Compliance, Corporate Governance & Emerging Trends in Secretarial Practice 1. Company Secretary & Legal Compliance <ul style="list-style-type: none">Corporate Social Responsibility (CSR) & Secretarial Audit 2. Winding Up of a Company & Role of Company Secretary <ul style="list-style-type: none">Role & Duties of Company Secretary in Liquidation Process 3. Recent Trends & Emerging Challenges in Secretarial Practice <ul style="list-style-type: none">Digitalization in Corporate Filing (MCA21, SPICE Forms)Corporate Frauds & Role of Forensic Secretarial Audit (Relevant Case studies)Startups, MSMEs & the Changing Role of Company Secretary		
Books Recommended: 1. Company Law & Practice – Ratan Nolakha 2. Corporate & Allied Laws – P.P.S. Gogna – S. Chand 3. Company Law – Dr. G. K. Kapoor, Dr. Sanjay Dhamija – Taxmann Publication 4. ICSI MODULES - <i>The Institute of Company Secretaries of India (ICSI)</i> (www.icsi.edu) 5. <i>Ministry of Corporate Affairs (MCA)</i> (www.mca.gov.in) 6. Related sources including SEBI (www.sebi.gov.in) and FICCI (ficci.in)			



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Entrepreneurship Development (BCCA 1.2.2)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Generic/Open Electives
Objectives: 1. To understand the importance and significance of Entrepreneurship development. 2. To understand the process and opportunities available for new entrant. 3. To encourage the students to go for business.			
Learning Outcomes: After learning this subject, students would be able to understand: 1. The importance of entrepreneurship. 2. Basic knowledge to establish business.			
Unit	Content		
I	Entrepreneurship: Meaning – Importance – Nature, Types, and Challenges. Role and Functions of Entrepreneur; Entrepreneurial Leadership – Meaning and Characteristics, Entrepreneurial Leadership, Significance and Impediment of Creativity in Entrepreneurship Process, Techniques of Idea Generation and Screening, Steps of Idea Generation.		
II	New Venture Planning and Financing: Franchising – Process and Opportunities, Business Plan – Need, Perspective, Elements, Business Plan Failures, Managing Growing and Ending the New Venture – Preparing for the New Venture Launch, Criteria for Evaluating New Venture Proposals; Early Management Decisions; New Venture Expansion Strategies and Issues.		
Books Recommended:			
1. Entrepreneurship – Creating and Leading an Entrepreneurial Organization, Kumar, Arya, Pearson, India 2. Entrepreneurship – Starting, Developing and Managing a New Enterprise, Hishrich, Peters, Irwin 3. Launching New Ventures – An Entrepreneurial Approach Cengage Learning, Allen, K.R., 4. Entrepreneurship Development – Ramachandran K., Tata McGraw Hill, New Delhi, India. 5. Entrepreneurship – Roy, Rajeev, Oxford University Press. 6. Entrepreneurship – Hisrich, Robert D., Michael Peters and Dean Shepherd, Tata McGraw Hill, New Delhi			



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Semester – I

Intellectual Property Rights (BCCA 1.3.1)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Generic/Open Elective
Objectives: 1. To introduce fundamental aspects of intellectual property rights to students who are going to play major role in developing and management of innovative project in industries. 2. To impart knowledge to students about the procedure of registration and protection of copyrights.			
Learning Outcomes: After learning this course, students will be able to – 1. Remember the concept of Intellectual Property Rights. 2. Understand the Concept and use of Copyright.			
Unit	Content		
I	Overview of Intellectual Property: Introduction of IPR, Scope of IPR, need for intellectual property right (IPR), Intellectual property related problems in India, Introduction to the leading International instruments concerning Intellectual Property Rights: The Berne Convention, The World Intellectual Property Organization (WIPO); International Trade Agreements concerning IPR — WTO — TRIPS.		
II	Copyrights: Definition of copyright, concept of Copyright, Procedure for registration of copyrights, Term of copyright, Works that can be copyrighted, Copy right in literary, dramatic and musical works, computer programmes and cinematograph films Rights of performers and broadcasters, etc., Use of copyrights law, Infringement of copyrights, Remedies for infringement of copyright.		
Books Recommended:			
1. Indian Patents Law – Legal & Business Implications , Ajit Parulekar and Sarita D’ Souza, McMillan India Ltd., 2006 2. Law Relating to Patents, Trademarks, Copyright, Designs & Geographical Indications , B. L. Wadehra; Universal law Publishing Pvt. Ltd., India 2000 3. Business Legislation for Management , MC Kuchhal; Vikas Publishing House. 4. Legal Aspects of Business , K Ramachandra; Himalaya Publishers.			



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Business Environment (BCCA 1.3.2)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Generic/Open Electives
Objectives: 1. To enable students to understand the impact of environment on the business. 2. To understand the impact of LPG policy on business environment.			
Learning outcome: After learning this subject, students would be able to: 1. Understand the business environment, the purpose of regulation & regulatory role of the Government. 2. Understand the concept of liberalization, privatization, globalization and the role of WTO and develop the skills for analysis of business environment using PESTLE, SWOT etc.			
Unit	Content		
I	Business Environment: Meaning of business, Concept of Business environment, characteristics of Business environment, components/factors of the Business Environment (internal environment & external environment). Types of External Environment: Economic Environment: Meaning and Elements Socio-Cultural Environment: Meaning and Elements Demographic Environment: Meaning and Elements Political Environment: Meaning and Elements Technological Environment: Meaning and Elements		
II	Liberalization, Privatization and Globalization: Liberalization: Meaning, objectives, benefits and limitations Privatization: Meaning of Privatization, Objectives, benefits and problems with Privatization, obstacles to privatization in India. Globalization: Meaning of Globalization, reasons for globalization, features and benefits of Globalization, Role of WTO. Analysis of Business Environment: PESTEL, STEEP, PORTER’S five forces model, SWOT analysis		
Books Recommended: 1. Business environment – Veena K Pailwar; PHI 2. Business Environment – Francis Cherunilam, Himalaya Publishing House, New Delhi. 3. Essentials of Business Environment – Aswathappa, Himalaya Publishing House, New Delhi. 4. Indian Economy – Mishra and Puri, Himalaya Publishing House, New Delhi. 5. Business Environment – Raj Aggarwal Excel Books, Delhi. 6. Business Environment – Dr. V C Sinha, SBPD Publications.			



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Computer Hardware and Networking (BCCA 1.4)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+5+10 = 50	Group: Vocational Skills Courses
Objectives: 1. To provide the students an understanding of basic concepts of hardware. 2. To make the students familiar with the concepts of Networking.			
Learning Outcomes: 1. The students will be able to understand the basic concept of hardware, its types and assembly of various hardware components. 2. The students will be able to understand the concept of networking, configuration, various networking models and networking devices.			
Unit	Content		
I	Computer Hardware: Introduction to Computers: Basics of Computers, Organization of Computers, Software, and Hardware Input/output devices: motherboard, types of motherboards, SMPS troubleshooting, Inside the PC: Opening the PC and identification of various components, study of different blocks, assembling and disassembling, modification, and replacement of components		
II	Networking: Network basics and configuration: Setting IP addresses and sharing files and folders Network troubleshooting, PING test, ipconfig and network testing commands, crimping, etc. Network Types: LAN, WAN, MAN, and PAN Setting of the network connection, Networking Model: The OSI Model and TCP/IP Model work with various networking devices: routers, switches, modems, hubs, etc. working with Wired and wireless technology.		
Books Recommended: 1. Operating System Concept – Silberschatz, Galvin & Gagne, John Willey & Sons Inc, Haboken, NJ 2. The UNIX Programming Environment – Kernighan & Pike, PHI, London 3. Linux: The Complete Reference (Sixth Edition) – Richard Petersen, McGraw Hill, New Delhi 4. The Complete Reference, PC Hardware – Craig Zacker John Rourke, McGraw Hill, New Delhi 5. Cisco Networks – Christopher Carthern, William Wilson, Noel Rivera, Richard Bedwell 6. Computer Networks – Fourth Edition, Andrew S., Tanebaum			



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Semester – I



Basics of Communication Skills (BCCA 1.5.1)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Skill Enhancement Courses
Objectives: 1. To understand the basic concepts of communication 2. To understand the different types of communication and its media/channels 3. To comprehend and analyse an unseen passage and answer questions based on it 4. To instil creative writing skills of Dialogue writing 5. To apply the concepts of grammar and vocabulary to solve exercise based on it			
Learning outcome: After studying this subject, students would be able to achieve the following course outcomes as per Bloom’s taxonomy: 1. CO1 and CO2 – Unit I- will achieve the attaining of CO1 and CO2 Remember and Understand by asking theory-based questions. 2. CO3 and CO4 – Unit II – Unseen Passage-will achieve the attaining of CO3 – Apply and CO4 – Analyze by asking questions based on unseen passage for comprehension. The students have to apply their skills of reading, analyzing and attempt the questions. 3. CO5 and CO6 – Unit II- Dialogue writing and Vocabulary/grammar-based exercises will achieve the attaining of CO5-evaluate and CO6-create .			
Unit	Content		
I (20M)	1. Definition, Importance and features of communication 2. Process/ Cycle of communication-----sender, receiver, channel, feedback. 3. Verbal communication-Oral & Written communication---- Advantages & Disadvantages 4. Non-Verbal communication- Body Language (Gestures, postures, facial expressions and eye contact), Sign language, Para language, Space language and Touch Language 5. Print and Electronic media- Features, Advantages and disadvantages 6. Channels of communication- Vertical, horizontal, advantages and disadvantages		
II (15M)	1. Unseen Passage for comprehension with 5 questions based on it (3 questions on write the answer, 1 question on vocabulary (write the synonym or antonym of a word from passage, 1 question on give a suitable title to the passage) 2. Dialogue writing with 5 conversations/dialogues. 3. Vocabulary exercises based on match the synonyms/Antonyms		
Books Recommended: 1. Business Communication – Urmila Rai, S.M. Rai - (Himalaya Publishing House) 2. Business Communication – V. K. Jain & Omprakash Biyani (S. Chand) 3. Business Correspondence and Report Writing – R. C. Sharma & Krishna Mohan (Tata McGraw-Hill) 4. Developing Communication Skills – Krishna Mohan & Meera Banerji (Macmillan) 5. High School English Grammer – N. D. Prasada Rao			



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Management Skills (BCCA 1.5.2)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Skill Enhancement Courses
Objectives: 1. To understand Management Skills 2. To understand its importance 3. To develop efficient Management system			
Learning outcome: After learning this subject, students would be able to understand: 1. The Importance and scope of Management and role of Managers 2. The importance of planning and organizing 3. Leadership for proper management			
Unit	Content		
I	i) Meaning, Objectives, Scope, Importance of Management ii) Functions of Management, Role of Managers, Quality of Managers. iii) Planning: Meaning, Importance, Objectives, Types and Limitations of Planning, Essentials of good plans. iv) Organizing: Meaning, Principles, Importance and Types of Organization. v) Co-Ordination: Meaning, Concept, Importance, Need of Coordination.		
II	i) Types of Management Skills --- Technical, personal, Human or Interpersonal etc. ii) Technical Skills-Use of gadgets for proper management iii) Personal Skills-Integrity, dedication, empathy iv) Interpersonal Skills-communication Skills-Oral, written, non-verbal, listening v) Leadership Skills-Personality skills, self-confidence, negotiation, persuasion skills		
Books Recommended: 1. Essential of Business Administration – K. Aswathapa, Himalaya Publishing House. 2. Management – Concept and Strategies, J. S. Chandan, Vikas Publishing. 3. Principles of Management – Tripathi, Reddy, Tata McGraw Hill. 4. Principles of Management – Ramasamy T, Himalaya Publishing House. 5. Principles of Business Management – Sherlekar, Himalaya Publishing House.			



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Semester – I



Hindi (BCCA 1.6.1)			
Teaching Hours: 30	Total Credit: 02	Total Marks: 35+15 = 50	Group: Ability Enhancement Courses
उद्देश : कोई भी भाषा मनुष्य को परिष्कृत , परिमार्जित और संस्कारित बनाकर उसके व्यक्तित्व के गुणो को सुवासित कर समाज में फौलाती है। आधुनिकता के इस युग मे समय की मांग को देखकर युग के साथ कदम से कदम मिलाकर चलने के लिए हिंदी ने अपने पुरातन रूप को परिवर्तित कर व्यावहारिक हिंदी को आपनाया।			
परिणाम एक विश्लेषण : 1. साहित्य अध्ययन द्वारा विद्यार्थियों में साहित्य रुचि जागृत हुई। 2. इस व्यावहारिक हिंदी के माध्यम से हिंदी भाषी व्यक्ति रोजगार के क्षेत्र में सव्यं को सिद्ध कर सकता है। वैश्विकरण के इस युग में व्यक्ति हिंदी के अध्ययनद्वारा चरित्र निर्माण के साथ साथ जीविकोपार्जन भी कर सकता है।			
Unit (इकाई)	Content (मूलतत्व / घटक)		
I साहित्यिक हिंदी	गद्य भाग: 1. गणेशप – नामवर सिंह 2. अभाव – विष्णु प्रभाकर 3. उखड़े खंभे – हरिशंकर परसाई पद्य भाग: 1. सब उन्नति को मूल – भारतेन्दु हरिश्चंद्र 2. कलम और तलवार – रामधारी सिंह दिनकर 3. प्रथम रश्मि – सुमित्रानंदन पंत		
II व्यावहारिक हिंदी	i) साक्षात्कार : स्वरूप , परिभाषा , विशेषताएं , प्रकार , पूर्व तैयारी , समस्याएं , व्यावहारिक रूप ii) हिंदी पत्रकारिता : परिचय और विकास , पत्रकारिता लेखन , समाचार लेखन, फीचर लेखन		
Recommended Books: 1. "पलाश" – राष्ट्रसंत तुकडोजी महाराज नागपुर विद्यापीठ, B.Com (हिंदी) प्रथम वर्ष के लिए निर्धारित पाठ्यपुस्तक। "प्रयोजनमूलक हिंदी और जनसंचार" – डॉ. राजेंद्र मिश्र प्रकाशक: तक्षशिला प्रकाशन, दिल्ली			



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Semester – I



Marathi (BCCA 1.6.2)

Teaching Hours: 30	Total Credit: 02	Total Marks: 35+15 = 50	Group: Ability Enhancement Courses
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उद्दिष्टे- भाषा मानवाला परिष्कृत, परिमार्जीत आणि संस्कारीत बनवून त्यांच्या व्यक्तित्व गुणांचा सुवास समाजा मध्ये पसरविण्याचे कार्य करीत असते. विद्यार्थ्यांना उद्यमशील प्रेरणे बरोबरच मानवी जीवनातील उच्च मूल्यांची ओळख करून देणे. वैश्वीकरणाच्या युगात चारित्र्य निर्मिती बरोबरच व्यक्तीला रोजगाराच्या क्षेत्रात स्वयंपूर्ण सिद्ध करण्यासाठी व्यावहारिक मराठीला उपजीविकेचे साधन म्हणून स्वीकारणे. मराठी भाषेचा अभ्यास करणाऱ्या व त्यासोबतच स्पर्धा परीक्षेची तयारी करणाऱ्या विद्यार्थ्यांमध्ये निबंध लेखनाचे कौशल्य विकसित करणे..

साध्य- (अध्ययन निष्पत्ती)

घटक 1 -(गद्य विभाग) आणि घटक २ (पद्य विभाग) लेखक, कवी आणि कवियत्री यांच्या साहित्याचे विद्यार्थ्यांनी आवडीने अध्ययन करून त्याची समाज उपयोगी मते जाणून घेतली.

घटक 2- वैश्वीकरणाच्या युगात चारित्र्य निर्मिती बरोबरच व्यक्तीला रोजगाराच्या क्षेत्रात स्वयंपूर्ण सिद्ध करण्यासाठी व्यावहारिक मराठीला उपजीविकेचे साधन म्हणून स्वीकारणे.

घटक	विषय घटक
I साहित्यिक मराठी	गद्य विभाग <ul style="list-style-type: none"> ➤ आमची एक दुष्ट खोड आळस- गोपाळ गणेश आगरकर ➤ शील बनविणारे शिक्षण - स्वामी विवेकानंद ➤ डॉ. पंजाबराव देशमुख- वि. भि. कोलते पद्य विभाग <ul style="list-style-type: none"> ➤ ज्ञानेश्वरांचे अभंग -संत ज्ञानेश्वर ➤ नवा शिपाई -केशवसुत ➤ पुतळे- वसंत आबाजी डहाके
II	<ul style="list-style-type: none"> ➤ मुलाखत लेखन- स्वरूप पूर्वतयारी, प्रकार, प्रात्यक्षिके ➤ जाहिरात लेखन -व्याख्या ,कार्य प्रकार, प्रतिमा निर्मिती, जाहिरातीची माध्यमे, जाहिरात लेखन आणि जाहिरातीचा शेवट

Recommended Books:

1. राष्ट्रसंत तुकडोजी महाराज नागपुर विद्यापीठ की बी. कॉम -१ मराठीचे पाठ्यपुस्तक
2. सुगम मराठी व्याकरण व लेखन, मो. रा. वाळम्बे
3. जाहिरातीचे जग- यशोदा भागवत, मौज प्रकाशन गृह, मुंबई



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Semester – I

Ancient Indian Education System (BCCA 1.7)			
Teaching Hours: 30	Total Credit: 02	Total Marks: 35+15 = 50	Group: Skill Enhancement Courses
Objectives: 1. To acquaint the students about our ancient Indian education system. 2. To understand the rich knowledge systems in the past. 3. To understand the development of education in India.			
Learning outcome: After learning this subject, students would be able to understand: 1. The rich knowledge systems in ancient India. 2. Changes in the education system over the years. 3. To understand our great culture and knowledge inheritance.			
Unit	Content		
I	Introduction to ancient education systems – i)Vedic period, origin of Vedic education. ii) Features of education in the Vedic period. iii) Objectives and Importance of Vedic education. iv) The concept of Gurukuls, teaching-Learning systems at Gurukuls, duties of students in the Gurukuls v)Sources of Vedic Education- the Vedas, Upanishads-their brief introduction. vi)Reasons for the decline of Vedic period.		
II	Buddhist Education i)Buddhist Period, origin of Buddhist education. ii) Features of education in the Buddhist period. iii) Objectives and Importance of Buddhist education. iv) Famous Universities in the Buddhist period- Takshshila, Kashi Nalanda, Valabhi, Vikramshila v) Main teachings of Buddhism. vi) Similarities and differences between Vedic education and Buddhist education.		
Recommended Books: 1. Education in Modern India – Damal B.D. and Dash B.N, Kalyani Publisher, New Delhi (2005). 2. History of Education in India – Ghosh, S.C, Rawat Publications, (2007). 3. A Hindu View of Life – S. Radhakrishnan, Macmillan Publications, New Delhi (1927). 4. A History of Education in India – Nurullah and Naik, Macmillan, Bombay. P.L. Rawat, (1995)			



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Environment and Sustainable Development (BCCA 1.8)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Value Education Courses
Objectives: 1. Understanding the concept of sustainable development: Students should be able to define and explain the concept of sustainable development, including its key principles and components. 2. Identifying sustainability challenges: Students should be able to identify and analyze sustainability challenges facing the planet, such as climate change, biodiversity loss, resource depletion, and pollution and suggest a possible solution for the same.			
Learning outcome: After learning this subject, students would be able understand: 1. The learner would understand the importance of sustainable development. 2. The learner would be able to comprehend sustainable challenges.			
Unit	Content		
I	UNIT I: Multidisciplinary Nature of Environmental Studies – Concept of Environment, Scope of Environmental Studies, Need for public Awareness, Environmental Degradation, Shelter Security, Economic Security, Social Security, Effects of Housing on Environment, Effects of Industry on Environment. Environmental issues and crisis – Carbon Credits, Resource degradation, greenhouse gases, desertification, natural calamities and social insecurity, Industrialization, Globalization and Environment, Global Warming.		
II	UNIT II: Sustainable Development – History and emergence of the concept of Sustainable Development, Definition of Sustainable Development, Sustainable development practices in modern era. Sustainable Development Goals (SDGs): Introduction to Sustainable Development Goals (SDGs) established by United Nations, Need and Purpose for establishment of SDGs, SDG 6: Clean Water and Sanitation, SDG 7: Affordable and Clean Energy, SDG 11: Sustainable Cities and Communities, SDG 13: Climate Action, SDG 17: Partnerships for the goals		
Books Recommended: 1. The Sustainability Revolution: Portrait of a Paradigm Shift by Edwards, Andres R., New Society Publishers, 2005. 2. Sustainable development in India: Stocktaking in the run up to Rio+20: Report prepared by TERI for MoEF, 2011. 3. Report of the Department for Policy Coordination and Sustainable Development (DPCSD), United Nations Division for Sustainable Development. 4. Corporate Social Responsibility Part I, Part II, Part III – David Crowther and Guler Aras			



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Semester – I

Physical Education – I (BCCA 1.9)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Co-Curricular Courses
Objectives: 1) To understand the principles of injury prevention and the basic first aid procedures for sports-related injuries and to recognize the importance of warm-up and cool-down exercises and incorporate them into physical activity routines. 2) To develop practical skills and theoretical knowledge in Volleyball, including measurements and techniques and to develop practical skills and theoretical knowledge in Ball Badminton, including measurements and techniques.			
Learning outcome: After learning this subject, student will be able to: 1) Analyze different types of sports injuries and apply appropriate first aid techniques and evaluate the significance of warm-up and cool-down exercises and design appropriate routines. 2) Recall the standard measurements for a volleyball court and the rules of the game and demonstrate and refine basic volleyball skills such as serving, passing, and setting. Recall the standard measurements for a ball badminton court and the rules of the game and demonstrate and refine basic ball badminton skills such as serving, rallying, and scoring.			
Unit	Content		
I	A) Theory 1) Injuries and First Aid 2) Warmup/Cooling Down		
II	B) Practical & Theory GAME 1) Volleyball: Measurements in Volleyball Skills in Volleyball 2) Ball Badminton: Measurements in Ball Badminton Skills in Ball Badminton		
Books Recommended: 1. Tandon, D.K. (2010). Sports Injuries and First Aid. Khel Sahitya Kendra. 2. Sharma, O.P. (2015). First Aid for Sports Injuries. Sports Publication. 3. Singh, H. (2010). Science of Sports Training. DVS Publications. 4. Jain, A. (2013). Physical Fitness and Conditioning. Sports Publication. 5. Sharma, V.M. (2011). Volleyball: Skills and Techniques. Friends Publications. 6. Sethi, P. (2012). Coaching Volleyball: A Guide for Coaches. Sports Publication. 7. Singh, J. (2010). Ball Badminton: Skills and Techniques. Friends Publications. 8. Sathyaprabha, A. (2013). Ball Badminton for Beginners. NIS Publications.			



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Semester – II

C#.NET (BCCA 2.1)

Teaching Hours: 60

Total Credits: 4

Total Marks:
40+30+30 = 100

Group: Major Core

Objectives:

1. To make the students familiar with C# Programming Language basic concepts.
2. To make the students familiar with the C# Environment.

Learning Outcome:

1. Students would be able to develop native windows applications by learning of C#.
2. Students will be able to develop software components suitable for deployment in distributed environments.

Unit	Content
I	Introduction to C#, An Overview of C#, Data Types, Literals, and Variables, Operators, Program control statements, Introducing classes and objects, Arrays and strings, A closer look at methods and classes. Operator Overloading, Inheritance, Interfaces, structure and Enumeration, Exception Handling
II	Delegates and Events, Applying Events: Namespaces, preprocessor and assemblies, Unsafe code, Pointers, Miscellaneous keywords, Constructors, Overloaded Constructors, Static Constructors, Private Constructors, Copy Constructors, Destructors
III	Introduction and Understanding .NET with C# Environment –The .NET Strategy, .NET Framework, Origin of .NET Technology, The Common Language Runtime, User and Program Interface, Visual Studio .NET, .NET Languages, C# and .NET., Boxing and Unboxing, Passing String Objects to Write Line Method, Multiple Main Methods, Compile Time Error, Type Conversion.
IV	Exploring the C# library, system Namespace, string and formatting, Multithreaded programming, Basic Windows programming, Advanced Windows forms features, Deploying Windows Application.
Books Recommended:	
1. The complete reference C# 2.0 , Schildt Herbert, Publisher McGraw-Hill Professional Publishing, New Delhi	



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Semester – II



Basics of Economics (BCCA 2.2.1)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Minor
Objectives: 1. To provide the students an understanding of basic concepts of business economics. 2. To make the students familiar with the fundamentals of economics.			
Learning Outcomes: 1. Understand the basic concepts of economics and contribution by traditional economists, and would be aware about the central problems of the economy. 2. Correlate how the individuals make decisions on the basis of choice, satisfaction and income level and understand application through realistic case studies.			
Unit	Content		
I	Introduction to Economics <ul style="list-style-type: none">Economics - Meaning, Nature, Scope, ImportanceContribution of Economists - Adam Smith, Alfred Marshal, Lionel Robbins - Definition, Features, CriticismsEconomic Systems- Socialism, Capitalism, Mixed- Meaning, Merits and demeritsCentral Problems of Economic SystemProduction Possibility Curve - Meaning, Properties		
II	Foundation of Economic Analysis <ul style="list-style-type: none">Micro & Macro Economic Analysis - Meaning, Definition, Features, Merits, DemeritsCase Study on Bajaj Auto (Micro Analysis), Case Study on Automobile Sector (Macro Analysis)Utility Analysis - Meaning, Features, TypesLaw of Diminishing Marginal Utility - Meaning, Definition, Concept, Assumptions, ExceptionsLaw of Equi Marginal Utility - Meaning, Definition, Concept, Assumptions, Limitations/Criticisms.		
Books Recommended: 1. An Introduction to Modern Economics , Hardwick, Khan & Langmead, Longman London & New York. 2. Modern Economics – H. L. Ahuja, S. Chand & Co Ltd, Latest Edition. 3. Micro Economics – P. N. Chopra, Kalyani Publishers. 4. Principles of Economics – D. M. Mithani, Himalaya Publishing House, Latest Revised Edition. 5. Modern Economic Theory – K. K. Dewett, S. Chand & Co Ltd, Latest Revised Edition. 6. Advance Micro Economic Theory – M. Maria John Kennedy, Himalaya Publishing House, Latest Revised Edition.			



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Semester – II

Legal Aspects of Business (BCCA 2.2.2)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Minor
Objective: 1. To develop a basic understanding of the business laws – Indian Contract Act, 1872. 2. To develop a basic understanding of business laws – Indian Sale of Goods Act, 1930.			
Learning Outcome: After learning this subject, the student will be able to: 1. Describe and explain rights and duties of respective parties under different types of contracts. 2. Analyse the salient features of Indian Sale of Goods Act, 1930 and its applications in real life situations.			
Unit	Content		
I	INDIAN CONTRACT ACT, 1872 Definition, Essential elements of a valid contract, Agreements, Offer and Acceptance, Essentials of a valid offer and acceptance, Consideration, no consideration no contract, Capacity of parties to contract, Free consent, Legality of object, Agreement declared void. Performance of a contract, Types of performance, Discharge of contract, Breach of contract, Remedies for breach of contract. Quasi contract, Contingent Contract		
II	SALE OF GOODS ACT, 1930 Meaning of contract of sale, Difference between sale & agreement to sell, Goods, Classification of goods, Price- modes of fixing price, Conditions and Warranty, Implied Conditions and Warranty, Difference between conditions and warranty, Transfer of ownership/property in goods, Doctrine of 'Caveat Emptor', 'Nemo dat quod non habet', Unpaid seller, Rights of an unpaid seller, Sale by auction.		
Books Recommended: 1. Business Laws , Kapoor N.D., Sultan Chand & Sons, New Delhi 2. Intellectual property Rights & Law , G.B. Reddy –Gogia Law agency Hyderabad. 3. Law and Practice of intellectual Property , Vikas Vashisht, Bharat Law House Delhi, 1999. 4. I.T. Rules with Information Technology Act, 2000 , Taxmann Publication Pvt. Ltd. New Delhi 5. Law of Information Technology , Paintall D; Taxmann Publication Pvt. Ltd., New Delhi			



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Semester – II

Thoughts of Management (BCCA 2.2.3)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Minor
Objectives: 1. To understand the basic concepts and principles in Management Thought. 2. To study the strategic approaches to managing a business successfully in a global context.			
Learning Outcomes: After learning this subject, students will be able to: 1. Understand various perspectives and concepts in the field of Modern Management. 2. Develop skills for applying these Management concepts to emerging business problems.			
Unit	Content		
I	Development of Management Thought: Scientific Management Concept of F.W. Taylor, Functional Management Theory of Henry Fayol, Human Relations Movement of Elton Mayo. Behavioural Sciences Movement of A. Maslow, The Modern Period Management and New Schools of Management thought. Comparison of Scientific Management and Modern Management Concept.		
II	Schools of Management Thought: Social System School of Chester Bernard, Features, Contribution and Limitations of Social System School of Management. Quantitative School Features, Contributions and Criticisms of Quantitative School of Management. , Decision Theory School- Features, Contributions and Limitations , Contingency Theory School- Introduction, Features Contribution and Limitations.		
Books Recommended:			
1. Organisation and Management – Dr. C.B. Gupta, Shatya Bhavan Publication Agra. 2. Principles and Practices of Management – L. M. Prasad, Sultan Chand & Sons New Delhi (2019). 3. Development of Management Thoughts – Pollard, Think Inc (28 June 2019), Amazon Asia-Pacific Holdings Private Limited. 4. Principles of Business Management – T. Ramasamy, Himalaya Publication House Mumbai, 5. Management: Challenges in 21st Century – S.H. Goodman & P.M. Fandt, Vintage Publishing House.			



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Semester – II



Fundamentals of Financial Accounting (BCCA 2.3.1)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Generic/Open Electives
Objectives: The objective of this paper is to help students to acquire conceptual knowledge of the financial accounting and to impart skills for recording various kinds of business transactions.			
Learning Outcomes: 1. To understand the fundamentals of accounting and the process of recording transactions in a journal. 2. To get acquainted with the concept and process of preparing ledgers and trial balance.			
Unit	Content		
I	Fundamentals of Accounting: Theory: Meaning and scope of Accounting, Need, Development & Definition of accounting, Branches of accounting and Principles, Concepts and Conventions of accounting, Journal Entries of Transactions; Meaning, importance and benefits of Accounting Standards. Practical Problems: Preparation of Journal of Sole Proprietor.		
II	Ledger and Trial Balance: Theory: Meaning of Ledger, different types of ledgers, importance and objectives of ledgers, meaning of trial balance, importance and objectives of trial balance, uses of trial balance, advantages and limitations of trial balance. Practical Problems: Preparation of Ledgers, Simple Cash Book, Simple Bank Book and Trial Balance		
Books Recommended:			
1. Financial Accounting – Paul, S. K, New Central Book Agency 2. Financial Accounting for Managers – Ghosh, T. P. Taxman Allied Service 3. Financial Accounting – Dr. V. K. Goyal, Excel Books 4. Financial Accounting – Jain S.P., Narang K.L., Kalyani Publishers, Delhi. 5. Financial Accounting – Grewal, Shukla, S. Chand Publications, Delhi 6. Advanced Financial Accounting – R.S.N. Pillai, Bhagavathi, S. Uma, S. Chand 7. CA Foundation and Intermediate Modules by ICAI.			



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Semester – II

Indian Financial System (BCCA 2.3.2)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Generic/Open Electives
Objectives: 1. To enable the students with the understanding of Indian Financial System. 2. To equip the students with knowledge of financial instruments, financial regulations and financial services the organization's internal & external structure, evaluating present-day strategies.			
Learning Outcomes: After learning this subject, the students will be able to understand: 1. The concept of money markets, capital markets and various instruments of money and capital markets. 2. The instruments of capital markets, financial markets.			
Unit	Content		
I	Components of formal financial system- Structure & Functions of Financial system, financial system and economic growth. Money Markets – Meaning and Instruments: - Treasury Bills, Commercial papers, Commercial bills, Call money market: Meaning and Features Capital Market Capital Market: Meaning and Features Types of Capital Market: Meaning and Features Structure of the Indian Capital Market – Recent Developments in the Indian Capital Market		
II	Financial Instruments: Traditional Instruments: Equities, Debentures and Bonds; Hybrid Instruments: Different types of bonds such as Floating Rate Bonds, Zero Coupon Bonds, Deep Discount Bonds, Inverse Float Bonds: Meaning and Features. Financial Regulations & Financial Services- Financial Regulation - SEBI, RBI and IRDA: Meaning and Functions. The Derivative Market in India: Meaning of Derivatives; Participants in the Derivatives Markets – Hedgers, Arbitrageurs and Speculators (concept & role), Types of Financial Derivatives – Forwards, Futures, Options and Swaps: Concept and Features.		
Books Recommended: 1. Pathak Bharati (2008): The Indian Financial System –Markets, Institutions, and Services, (2nd Edition) , Pearson Education, New Delhi. 2. Financial Institutions and Markets, Growth and Innovation , Bhole L. M., Tata McGraw-Hill, New Delhi, 2008. 3. Financial Economics , Bodie, Z. et. el, Pearson Education, New Delhi, 2009. 4. Introduction to Futures and Options Market , Hull John, Prentice Hall of India, Delhi, 2002. 5. Financial Services , Khan M.Y., Tata McGraw Hill, New Delhi, 2007. 6. Management of Banking and Financial Services , Paul, J. and P. Suresh, Pearson Education, Delhi, 2008. 7. Reserve Bank of India (various issues) Report on Currency and Finance , RBI, Mumbai. 8. Reserve Bank of India , Occasional Papers, Vol. 18, Nos. 2 & 3, RBI, Mumbai 1997. 9. Derivatives: An Introduction , Strong, R. A., Thomson Asia Pvt. Ltd, Bangalore, 2002. 10. Futures and Options , Sridhar, A. N., Equities and Commodities; Shroff Publishers, Mumbai 2006.			



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Semester – II

Mathematics (BCCA 2.4.1)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Generic/Open Electives
Objectives: 1. The objective of this course is to familiarize students with the applications of mathematics. 2. To make the students familiar with statistical techniques in business decision-making.			
Learning Outcomes: 1. To understand and learn the application of measures of central tendency and measures of dispersion. 2. To understand practical applications of business mathematics.			
Unit	Content		
I	Simple & Compound Interest, Measures of Central Tendency, Measures of Dispersion.		
II	Percentages, Profit, Loss and Discount, Ratio, Proportion and Variations, Partnership, Probability, Permutation and Combination.		
Books Recommended: 1. Business Management and Statistics , N G Das J K Das, Tata McGraw Hill, New Delhi 2. Business Mathematics , Mrintunjay Kumar, Vikas Publishing House Pvt. Ltd, New Delhi. 3. Mathematics & Statistics , Ajay Goel, Alka Goel, Taxmann, New Delhi. 4. Business Mathematics and Statistics , Dr. S. R. Arora, Dr. Kavita Gupta, Taxmann, New Delhi 5. Statistics & Mathematics , S. C. Gulhane, Sheth Publisher			



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Semester – II

Quantitative Aptitude and Logical Reasoning (BCCA 2.4.2)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Generic/Open Electives
Objective: 1. To develop an understanding of the basic mathematical and statistical tools and their application in business and finance. 2. To develop logical reasoning skills and apply the same in simple problem solving. 3. The students should be able to evaluate various real-life situations by resorting to analysis of key issues and factors.			
Learning Outcome: After learning this subject, the student will be able to understand: 1. Concept of ratio, proportion and indices. 2. Concepts of permutations and combinations and logical reasoning.			
Unit	Content		
I	Ratio & Proportion and Indices Ratio - Meaning, properties, the concept & application of inverse ratio. Proportion – Meaning, properties of proportion, laws on proportion (Invertendo, Alternendo, Componendo, Dividendo) Indices – Meaning of indices & laws of indices (Easy applications)		
II	Basic Concepts of Permutation & Combination Introduction, factorial, problems on permutations including circular permutation with restrictions and problems on combination (easy to moderate level). Logical Reasoning Number series, Alphabet series, letter coding, number coding and blood relations. (Basic & Moderate level)		
Books Recommended: 1. Quantitative Aptitude for competitive exams , Dr. R. S. Agrawal, S. Chand. 2. A Modern Approach to Logical Reasoning , Dr. R. S. Agrawal, S. Chand 3. Quantitative Aptitude for all competitive exams , Abhijit Guha, Tata Mac Graw Hill. 4. Quantitative Aptitude for CAT , Deepak Agrawal & D. P. Gupta. 5. Quantitative Aptitude , Shripad Deo, Allied Publishers Pvt. Ltd. 6. ICAI study module of CA Foundation course , Paper 3 Business Mathematics & Logical Reasoning & Statistics.			



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Semester – II

Basics of Tally Prime (BCCA 2.5)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+5+10 = 50	Group: Vocational Skill Courses
Objectives: 1) To acquaint students with the Basics use of Tally Prime. 2) To acquaint students with practical understanding of creation of accounting and inventory masters, accounting of various business transactions, accounting of taxes (GST), daily accounting reports etc.			
Learning Outcomes: After learning this subject, students will be able to: 1) Understand the installation procedure of Tally Prime, Creation of Company in Tally Prime, Creation of Accounting Masters in Tally Prime. 2) Understand creation of Inventory Masters, Maintenance of Godowns, Activation of GST and Accounting of GST transactions and various reports (Day Book, Trial Balance, Profit & Loss A/c, Balance Sheet and Stock Summary) in Tally Prime.			
Unit	Content		
I	Introduction to Tally Prime – Installation Procedure, Opening Tally Prime, Creating a Company. Creating Accounting Masters – Introducing Groups, Introducing Ledgers, Introducing Vouchers and accounting vouchers transactions.		
II	Creating Inventory Masters – Stock Groups, Stock Items, Unit, Godown and inventory vouchers transactions. Introduction to GST – GST activation, GST Ledgers, GST Invoicing, Working with GST Reports. Reports – Day Book, Trial Balance, Profit & Loss A/c, Balance Sheet and Stock Summary.		
Books Recommended: 1. Tally Prime – Tally Education Private Ltd (TEPL). 2. Official Guide to Financial Accounting Using Tally Prime – BPB Publications. 3. Mastering in Tally Prime – Ascent Prime Publications. 4. Tally Prime GST – United Publications 5. Tally Prime Training Guide – BPB Publications.			



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Semester – II



Correspondence Skills (BCCA 2.6.1)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Skill Enhancement Courses
Objectives to achieve after studying unit I and II: <div>1. To introduce Business correspondence.</div> <div>2. To develop writing skills of correspondence.</div> <div>3. To develop skills of analysis of a given text.</div> <div>4. To develop creative writing skills.</div>			
Learning Outcomes: After studying this subject, students would be able to achieve the following course outcomes as per Bloom’s taxonomy: <div>1. CO1 and CO2- Unit I- will achieve the attaining of CO1 and CO2 Remember and Understand by asking questions on various business letters</div> <div>2. CO3 and CO4- Unit II – Unseen Passage-will achieve the attaining of CO3- Apply and CO4-Analyze by asking questions based on unseen passage for comprehension. The students have to apply their skills of reading, analyzing and attempt the questions</div> <div>3. CO5 and CO6- Unit II- Expansion of an idea and Vocabulary/grammar-based exercises will achieve the attaining of CO5-evaluate and CO6-create</div>			
Unit	Content		
I (20M)	Business Correspondence i) Business Enquiry Letters- Enquiry about products and services with seller, Reply to enquiries ii) Business Order Letters- placing order about products and services, Reply to orders iii) Business Complaint Letters- Writing complaint letters to the seller about bad quality, less quantity, wrong products iv) Business Adjustment Letters- providing proper adjustment to the buyer v) Letters to Banks-Writing applications for bank loans, issuing of cheque book		
II (15M)	i) Unseen Passage for comprehension with 5 questions based on it (3 questions on write the answer, 1 question on vocabulary-(write the synonym or antonym of a word from passage, 1 question on give a suitable title to the passage) ii) Expansion of an idea based on given points iii) Vocabulary exercise – Fill in the blanks with appropriate homonyms given in brackets		
Books Recommended: <div>1. Business Communication – Urmila Rai, S.M. Rai - (Himalaya Publishing House)</div> <div>2. Business Communication – V. K. Jain & Omprakash Biyani (S. Chand)</div> <div>3. Business Correspondence and Report Writing – R.C. Sharma & Krishna Mohan (Tata McGraw-Hill)</div> <div>4. Developing Communication Skills – Krishna Mohan & Meera Banerji (Macmillan)</div>			



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Semester – II

Public Administration (BCCA 2.6.2)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Skill Enhancement Courses
Objectives: 1. To understand the concept of Public Administration 2. To understand its importance 3. Role of Public Administrators			
Learning Outcomes: After studying this subject, students would be able to understand the administrative systems in India.			
Unit	Content		
I	i) Meaning, scope and significance of Public Administration ii) Public and Private Administration iii) Public Services-Central, State and Local Government iv) Constitutional Framework of Government		
II	i) Basic elements of administrative governance Planning, Organizing, Directing and Controlling ii) Characteristics of Public Administration--- Public interest, Equality in society, Tax collection etc. iii) Role of Public Administration in development- Concept of good governance iv) Union Government-Executive, Parliament, Judiciary		
Books Recommended:			
1. Indian Public Administration – Institutions and Issues, Ramesh K Arora and Rajani Goyal: Vishwa Prakashan, New Delhi, 1996. 2. From Government to Governance – Kuldeep Mathur: National Book Trust, New Delhi, 2010. 3. Indian Administration – Hoshier Singh: Kitab Mahal, New Delhi, 2004. 4. Indian Administration – S.R. Maheshwari: Orient Longman, Delhi, 2005. 5. Public Administration in India – S.R. Maheshwari: Oxford University Press New Delhi, 2005. 6. Public Administration in India – Padma Ramchandran: National Book Trust, New Delhi, 2006.			



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Semester – II



English: A Better India, A Better World (BCCA 2.7)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Ability Enhancement Courses
Objectives: 1. To develop the comprehension and understanding skills of students. 2. To motivate students to acquire good values. 3. To develop the creative skills of students. 4. To develop the analytical and application skills of students.			
Learning Outcomes: After studying this subject, students would be able to achieve the following course outcomes as per Bloom’s taxonomy: 1. CO1 and CO2- Unit I- will achieve the attaining of CO1 and CO2 Remember and Understand by asking theory-based questions. 2. CO3 and CO4- Unit II – Unseen Passage-will achieve the attaining of CO3- Apply and CO4-Analyze by asking questions based on unseen passage for comprehension. The students have to apply their skills of reading, analyzing and attempt the questions. 3. CO5 and CO6- Unit II- Developing an Ad and Vocabulary/grammar-based exercises will achieve the attaining of CO5-evaluate and CO6-create.			
Unit	Content		
I (20M)	Following 4 chapters from the book are prescribed i) Learning from Experience ii) The Indian of the Twenty-first Century iii) What Can We Learn from the West iv) The Role of Discipline in Accelerating National Development		
II (15M)	Non-textual i) Unseen Passage for comprehension with 5 questions based on it (3 questions on write the answer, 1 question on vocabulary -write the synonym or antonym of a word from passage, 1 question on give a suitable title to the passage). ii) Draft/prepare an Advertisement for marketing a product or service, for Job requirement, for accommodation on rent. iii) Arrange Jumbled words of a sentence in a correct order.		
Books Recommended: A BETTER INDIA, A BETTER WORLD BY N R NARAYAN MURTHY Published by Penguin Random House India, Gurgaon, India, 2010			



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Semester – II



Value Education (BCCA 2.8)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Value Education Courses
Objectives: 1. Understanding the moral values: To impart & inculcate the importance of value-based living. Student should be able to understand the teachings of great Indian leaders and their relevance in today’s world. 2. Sensitization of students for Nation Building: Sensitization of students on various facets like Human rights, Duties & Responsibilities of citizens, etc.			
Learning Outcomes: After learning this subject, students would be able - 1. To build a strong base of high moral values in life. 2. To appraise Indian values and to contribute to nation building.			
Unit	Content		
I	UNIT I- Moral Values: 1. Meaning & definition of moral values, Types of values and need of value education. 2. Important values in Human Life – Integrity, truth, commitment, empathy, honesty, punctuality, unity, forgiveness, love, teamwork, ability to sacrifice, care, positive & creative thinking. 3. Role of values in education. 4. Teachings of great Indian Leaders: - Seven Deadly Sins by Mahatma Gandhi and Ten Golden Teachings of Swami Vivekanand. 5. Seven inspiring thoughts of Mother Teresa & Baba Amte.		
II	UNIT II A – Values & Self: 1. Self-confidence - Theories of self confidence 2. Stress Management - Techniques of Stress Management 3. Self-acceptance – Techniques and importance 4. Self-growth – Role of spirituality, meditation, yoga in self-growth. B – Values & Nation Building: 1. Sensitization for social & human values, sensitization to constitutional obligations- rights & duties. 2. Dr. A. P. J. Kalam’s Ten points for enlightened citizenship. 3. Valuable thoughts on management - Shivaji Maharaj's eight valuable thoughts on management for nation building. 4. Ratan Tata's eight valuable thoughts on management.		
Books Recommended: 1. Vivekananda, Swami. “Personality Development” – Advaita Ashrama, Kolkata, 2008. 2. “Value Education” – Dr. Kiruba Charles and V Arul Selvi 3. “Wings of Fire” – Dr. A. P. J. Kalam 4. Skill Development – Dr. Mohini T. Bhelwani, Shree Sainath Prakashan, Nagpur 5. Shivaji : The Management Guru , Prof. Namdev Jadhav, Rajmata Prakashan, Mumbai			



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Semester – II

Physical Education – II (BCCA 2.9)			
Teaching Hours: 30	Total Credits: 2	Total Marks: 35+15 = 50	Group: Co-Curricular Courses
Objectives: 1) To understand the different components of physical fitness and their significance. 2) To demonstrate proficiency in the techniques and skills associated with various athletic events, including throwing, jumping, and running.			
Learning outcome: After learning this course, students will be able to: 1) Identify and explain the different skill-related physical fitness components and their significance in sports performance (Understand, Analyze) and evaluate and apply health-related physical fitness components to enhance overall well-being and prevent lifestyle diseases (Evaluate, Apply). 2) Demonstrate proper techniques and skills in throwing, jumping, and running events, and evaluate their own performance in these events to improve their athletic abilities. (Remember, Apply).			
Unit	Content		
I	1) Physical Fitness a) Skill Related Physical Components b) Health Related Physical Components		
II	Athletics – 1) Throwing Events: Shot Put (Measurements, Skills), Discus Throw, Javelin Throw, Hammer Throw. 2) Jumping Events: Long Jump, High Jump, Triple Jump, Pole Vault. 3) Running Events: Sprints: 100 meters, 200 meters, 400 meters. Middle Distance: 800 meters, 1500 meters. Long Distance: 3000 meters, 5000 meters, 10000 meters, 3000 meters Steeplechase Marathon (42.195 kms) Relay Race: 4 x 100 meters, 4 x 400 meters. Hurdles: 100 (Men), 100 (Women), 400 meters.		
Books Recommended: 1) Singh, H. (2010). Science of Sports Training. DVS Publications. 2) Sharma, V.K. (2012). Health and Physical Education. Sports Publication. 3) Singh, M. (2011). Fundamentals of Track and Field. Khel Sahitya Kendra. 4) Sharma, P. (2013). Athletics: Skills and Techniques. Friends Publications.			