#### Semester - I

Evolution of Business (BCABR 1.1)			
Teaching Hours: 4	Total Credits: 4	Total Marks: 70+30 =100	Group: Major Core

### **Objectives:**

- 1. To acquaint the learner with the importance and status of business.
- 2. To inform various forms of business organizations
- 3. To make them understand importance of business in nation building.

### Learning Outcomes: After learning this subject,

- 1. The learner would understand importance and utility of business activity.
- 2. The learner would know about various business forms.
- 3. The learner would be able to differentiate between various forms.
- 4. The learner would know the responsibility of business.

Unit	Content		
ı	Business: Meaning, Definition, Characteristics, Importance; Scope of business – Commerce, Trade &		
	Aids to Trade, Need, Advantage; Industrialization - Role & Impact on Economy & Nation.		
П	Forms of business: Sole trader – Characteristics, Formation, Advantages & Disadvantages; HUF –		
	Meaning, Advantage & Disadvantages. Partnership: Meaning, Characteristics, Advantages &		
	Disadvantages, Types of Partners, Status: Partnership Deed – Meaning, Importance, Contents		
Ш	Co-operative Society: Meaning, Definition, Characteristics, Advantages & Disadvantages Principles of		
	Cooperation.		
	Joint Stock Company: Meaning, Definition, Characteristics, Advantages & Disadvantages, Formation,		
	Role of Promoters. Difference between Joint Stock Company and Cooperative Society.		
IV	Social Responsibilities of Business: CSR – Meaning, Need, Benefit to the General Public, Responsibility		
	of Business towards Stakeholders (Shareholders, Employees, Suppliers, Bankers, consumers and		
	Society.		

- 1. **Business Organisation** S A Sherlekar, Dr. Khushpat s. Jain, Dr. Apexa V. Jain.
- 2. **Forms of Business Organisation** Prof. HR Ramanath, Prof. HA Bhaskar, Prof. HR Appannaiah; Himalaya Publishing House.
- 3. **Essential of Business Administration** K Aswathapa; Himalaya Publishing House.
- 4. **Business Ethics** CVS Murthy; Himalaya Publishing House.
- 5. **Business Ethics** An Indian Perspective; A.S Fernando, Chennai.
- 6. **ICAI Module.**

#### Semester - I

Secretarial Practice (BCABR 1.2.1)				
Toaching Hours: 2	Total Credits: 2	Total Marks:	Group: Generic/Open	
Teaching Hours: 2		35+15 = 50	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				

## earning Outcomes: After learning this subject,

- 1. The learner would be able to understand the meaning, qualifications, disqualifications and role of a Company Secretary in the Company in accordance with the provisions of The Companies Act.
- 2. The learner would know the applicability of Secretarial Standards.

Unit	Content
I	UNIT I
	Meaning of Secretary, Definition of Company Secretary, Qualifications of Company Secretary,
	Liabilities of Company Secretary. Company Secretary as a Key Managerial Personal (KMP), Process of
	Appointment of a Company Secretary, Removal Process of Company Secretary Role of a Company
	Secretary under The Companies Act, 2013.
II	UNIT II
	Company Secretary in Practice, Company Secretary in Employment – Meaning Responsibility of
	Company Secretary in Practice.
	Secretarial Standards – Meaning and Application. Overview of Secretarial Standards – Meeting of
	Board of Directors, Secretarial Standard- II – General Meetings, Secretarial Standard – III – Dividend
Books	Recommended:

- Company secretarial practice Sangeet Kedia, Pooja Law Publishing Co. 1.
- 2. Corporate & allied Laws – P.P.S. Gogna – S. Chand
- 3. **Company Law –** Dr. G. K. Kapoor, Dr. Sanjay Dhamija – Taxmann Publication

## Semester – I

		Entrepreneurship Dev	velopment (BCABR 1.2.2)	
Teaching Hours: 2		Total Credits: 2	Total Marks:	Group: Generic/Open
16	aciling Hours. 2	Total Credits. 2	35+15 = 50	Electives
Objec	tives:			
1.	To understand th	e importance and significar	nce of Entrepreneurship dev	velopment.
2.	To understand th	e process and opportunitie	s available for new entrant.	
3.	To encourage the	e students to go for busines	s.	
Learni	ing Outcomes: Afte	r learning this subject, stud	ents would be able to unde	erstand:
1.	The importance of	f entrepreneurship.		
2.	Basic knowledge t	o establish business.		
Unit			Content	
ı	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.			
Ш	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 Dec	isions; New Venture Expans	sion Strategies and Issues.	
Books	Recommended:	18/88	d Ball	
1.	Entrepreneurship	<ul> <li>Creating and Leading a</li> </ul>	n Entreprene <mark>urial O</mark> rganiza	ation, Kumar, Arya, Pearson,
	India	FE		
2.	Entrepreneurship	<ul> <li>Starting, Developing and</li> </ul>	Managing a New Enterpris	e, Hishrich, Peters, Irwin
3.	Launching New V	<mark>entures – A</mark> n Entrepreneuri	al Approach Cengage Learr	ning, Allen, K.R.,
4.	Entrepreneurship	<b>Development</b> – Ramachan	dran K., Tata McGraw Hill,	New Delhi, India.
5.	Entrepreneurship	– Roy, <mark>Rajeev, Oxford Univ</mark>	ersity Press.	
6.	Entrepreneurship – Hisrich, Robert D., Michael Peters and Dean Shephered, Tata McGraw Hill, New			

Delhi

#### Semester - I

Intellectual Property Rights (BCABR 1.3.1)			
Teaching Hours: 2	Total Credits: 2 Total Marks: Gro	Group: Generic/Open	
reacining Hours. 2	Total Credits. 2	35+15 = 50	Electives

### **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 aware students about the procedure of registration and protection of intellectual property rights such as trademarks, copyrights, patents and designs etc.
- To aware students about the practice aspects of registration of intellectual property in order to protect their research work and get it registered under regulations of IPR.

### **Learning Outcome:** After learning this subject, the student will be able to understand:

- 1. The concept of Intellectual Property Rights and Functioning of Patents.
- 2. Concepts of Copyright, Trademarks and Geographical Indication.

<del></del>	consepts of copyright, made man decognition and decognition
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.
	Patents: Definition of patent, invention and new invention; Need for patent, Inventions not
	patentable, Classification of patents in India, Classification of patents by WIPO, Categories/types of
	Patents, procedure for grant of patent, opposition to grant of patent, Patent Rights, Regulatory
	authority, Patent misuse, Penalties, Macro-economic impact of the patent system
П	Copyrights: Definition of copyright, concept of Copyright, Procedure for registration of copyrights,
	Term of copyright, Works that can be copyrighted, Copyright in literary, dramatic and musical works,
	computer programmes and cinematograph films Neighboring rights, Rights of performers and
	broadcasters, etc., Infringement of copyrights, Remedies for infringement of copyright.
	<b>Trademark:</b> Concept of Trademark, Definition, Types of Trademarks, Importance, Registration process
	for Trademark, Grounds for refusal of registration, Rights of Trademark, Duration of Trademark,
	Infringement of Trademark
	Geographical Indication: Concept of Geographical indication (GI), Difference between GI and
	Trademarks, Need for GI, Registered GI in India,

- 1. **Indian Patents Law Legal & Business Implications,** Ajit Parulekar and Sarita D' Souza, Macmillan India Ltd., 2006
- 2. **Law Relating to Patents, Trademarks, Copyright, Designs & Geographical Indications,** B. L. Wadehra; Universal law Publishing Pvt. Ltd., India 2000
- 3. **Law of Copyright and Industrial Designs,** P. Narayanan; Eastern law House, Delhi, 2010.
- 4. **Handbook of Indian Patent Law and Practice,** Subbaram N. R., S. Viswanathan, Printers and Publishers Pvt. Ltd.,1998.

#### Semester - I

Business Environment (BCABR 1.3.2)			
Tooching Hours: 2	Total Credits: 2	Total Marks:	Group: Generic/Open
Teaching Hours: 2	Total Cleuits. 2	35+15 = 50	Electives

### **Objectives:**

- 1. To enable students to understand the impact of environment on the business.
- 2. To understand the business strategies and environment, along with an exposure to elements of external 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.
	Socio-Cultural Environment: Introduction, nature of culture, impact of culture, Demographic
	environment
	Economic Role of Government: Objectives of regulatory function of government, regulatory
	authorities, purposes of regulation.
II	Liberalization: Meaning, objectives, benefits and limitations
	<b>Privatization:</b> 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

- 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.

## Semester – I

		Computer Application	in Business (BCABR 1.4)	
Teaching Hours: 2		Tatal Conditor 2	Total Marks:	Group: Vocational Skill
		Total Credits: 2	35+15 = 50	Courses
Objec	Objectives:			
1.	. To enable students to understand the use of MS Word and MS Power Point.			
2.	To enable studen	ts to understand the use of	MS Excel in data process	ing.
Learni	i <b>ng outcome:</b> After	learning this subject, studer	ts would be able unders	tand:
1.	The use of MS Wo	rd and MS Power Point in w	ord processing and mak	ing presentations.
2.	The use of MS Exc	el in data processing in gene	eral business applications	5.
Unit			Content	
I	Microsoft Word: MS-Office Installation and Introduction to MS-Word, Parts of the MS-Word Window,			
	working with various Menus, Inserting Tables, Mail-Merge, Macros, Templates, and Inserting Images			
	and Pictures to the MS-Word.			
	Microsoft Power Point: Introduction to MS-PowerPoint, Insertion, Deletion, Copying Slides, Slide			
	Numbering, Header and Footer, Different Layouts, Master Slide, Inserting Tables, Sounds, Charts,			
	Different Objects, Animation, Slide Transition.			
II	Microsoft Excel: Introduction to MS-Excel, Elements of MS-Excel Workbook, Navigation, Entering and			
	Editing, Formatting Cells, Formulas and Functions, V-Lookup, H-Lookup, Data Sorting, Conditional			
	Formatting, Filters	, Goal Seek, Tables, Views, (	Charts, Linking, Data Con	solidation, Pivot Table.
Books	Recommended:	18/8	al Salve	
1. (	Computer Fundame	<b>ntals –</b> P. <mark>K. Sinh</mark> a, BPB Publ	ication, New Delhi	
2. /	A First Course in Co	<mark>mputers –</mark> Sanjay Saxena, <mark>Vi</mark>	<mark>kash Publishing Hou</mark> se P	vt. Ltd. New Delhi
3. I	.T. Today, Encyclop	<b>edia –</b> S. Jaiswal, Galgoti <mark>a P</mark> i	ublications, New Delhi	
4. L	<b>Learn Microsoft Office 2019 – L</b> inda Foulkes, Packt Publishing Limited; Illustrated edition (29 May 2020)			

#### Semester - I

Basics of Communication Skills (BCABR 1.5.1)			
Toaching Hours: 2	Total Credits: 2	Total Marks:	Group: Skill Enhancement
Teaching Hours: 2	Total Credits. 2	35+15 = 50	Courses

### **Objectives:**

- 1. To develop communication skills
- 2. To improve the oral and written skills
- 3. To understand the various types of communication

### **Learning outcome:** After learning this subject, students would be able to understand:

- 1. The Importance and need of communication skills.
- 2. The process and features of communication.
- 3. Mediums of communication Oral, written, print, electronic.

Unit	Content
ı	Definition and importance of communication
	2. Features and types of communication upward, downward, horizontal, vertical etc.
	3. Process/ Cycle of communication sender, receiver, channel, feedback etc.
	4. Verbal/ Non – Verbal communication gesture, posture, eye contact etc.
	5. Oral & Written communication Advantages & Disadvantages
П	Medium and Channels of communication
	2. Print Media
	3. Electronic Media
	4. Advantages and Disadvantages of Print and Electronic media
	5. Internet Advantages & Disadvantages

- 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)

#### Semester - I

Management Skills (BCABR 1.5.2)			
Teaching Hours: 2	Total Credits: 2	Total Marks:	Group: Skill Enhancement
reaching nours. 2	Total Credits. 2	35+15 = 50	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 SkillsTechnical, personal, Human or Interpersonal etc.
	ii) Technical Skills-Use of gadgets for proper management
	iii) Personal Skills-Integrity, dedication, empathy
	iv) Interpersonal Skills <mark>-communication Skills-Oral, written, non-verba</mark> l, 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.

#### Semester - I

Hindi (BCABR 1.6.1)			
Teaching Hours: 2	Total Credits: 2	Total Marks:	Group: Ability
reaching Hours. 2	Total Credits. 2	35+15 = 50	Enhancement Courses

उद्देश्य: कोई भी भाषा मनुष्य को परिष्कृत, परिमार्जित और संस्कारित बनाकर उसके व्यक्तित्व के गुणों को सुवासित कर समाज में फैलाती है। आधुनिकता के इस युग में समय की मांग को देखकर युग के साथ कदम से कदम मिलकर चलने के लिए हिंदी ने अपने पुरातन रूप को परिवर्तित कर व्यावहारिक हिंदी को अपनाया।

## परिणाम एक विश्लेषण:

- १. साहित्य अध्ययन द्वारा विद्यार्थियों में साहित्य रूचि जागृत हुई।
- २. इस व्यावहारिक हिंदी के माध्यम से हिंदी भाषी व्यक्ति रोजगार के क्षेत्र में स्वयं को सिद्ध कर सकता है। वैश्वीकरण के इस युग में व्यक्ति हिंदी के अध्ययन द्वारा चरित्र निर्माण के साथ-साथ जीविकोपार्जन भी कर सकता है।

Unit	Content
I	गद्य भाग
साहित्यिक	🕨 गपशप - नामवर सिंह
हिंदी	\succ अभाव - विष्णु प्रभाकर 🚃
	<ul><li>उखड़े खम्बे - हिरशंकर परसाई</li></ul>
	पद्य भाग
	<ul> <li>सब उन्नित को मूल - भारतेन्दु हिरिश्चंद्र</li> </ul>
	<ul> <li>कलम और तलवार - रामधारी सिंह दिनकर</li> </ul>
	प्रथम रिंम - सुमित्रा नंदन पंत
II	🕨 साक्षात्कार : स्वरूप <mark>, प</mark> रिभाषा, विशेषताएँ <mark>, प्रकार, पू</mark> र्व तैयारी, समस्याएँ , व्यवहारिक रूप
व्यावहारिक	🕨 हिंदी पत्रकारिता <mark>: परिचय और विकास, पत्र<mark>कारिता</mark> लेखन, समाचार लेखन, फीचर लेखन</mark>
हिंदी	

### **Books Recommended:**

### संदर्भ ग्रंथ :-

- १. राष्ट्रसंत तुकडोजी महाराज नागूपर विद्यापीठ की B.COM हिंदी की पाठ्य पुस्तक
- २. प्रयोजन मूलक हिंदी : डॉ. पी. लता

#### Semester - I

Marathi (BCABR 1.6.2)			
Toaching Hours: 2	Total Crodits: 2	Total Marks:	Group: Ability
Teaching Hours: 2	Total Credits: 2	35+15 = 50	Enhancement Courses

उद्दिष्टे:- भाषा मानवाला परिष्कृत, परीमार्जीत आणि संस्कारित बनवून त्यांच्या व्यक्तित्व गुणांचा सुवास समाजामध्ये पसरविण्याचे कार्य करीत असते. विद्यार्थ्यांना उद्यमशील प्रेरणेबरोबरच मानवी जीवनातील उच्च मूल्यांची ओळख करून देणे. वैश्विकरणाच्या युगात चारित्र्यनिर्मिती बरोबरच व्यक्तीला रोजगाराच्या क्षेत्रात स्वयंपूर्ण सिद्ध करण्यासाठी व्यावहारिक मराठीला उपजीविकेचे साधन म्हणून स्वीकारणे. मराठी भाषेचा अभ्यास करणाऱ्या व त्यासोबतच स्पर्धापरीक्षेची तयारी करणाऱ्या विद्यार्थ्यांमध्ये निबंध लेखनाचे कौशल्य विकसित करणे.

### **Learning outcome:**

### साध्य (अध्ययन निष्पत्ती):

घटक 1 – (गद्य विभाग) आणि घटक २ (पद्य विभाग) लेखक, कवी आणि कवियत्री यांच्या साहित्याचे विद्यार्थ्यांनी आवडीने अध्ययन करून त्यांची समाजोपयोगी मते जाणून घेतली.

घटक 2 – वैश्विकरणाच्या युगात चारित्र्यनिर्मिती बरोबरच व्यक्तीला रोजगाराच्या क्षेत्रात स्वयंपूर्ण सिद्ध करण्यासाठी व्यावहारिक मराठीला उपजीविकेचे साधन म्हणून स्वीकारणे.

Unit	Content
I	गद्य विभाग
साहित्यिक	\succ आमची एक दुष्ट खोड: आळस - गोपाळ गणेश आगरकर
मराठी	<ul> <li>शील बनविणारे शिक्षणः स्वामी विवेकानंद</li> </ul>
	म्हणी
	पद्य विभाग
	🗲 ज्ञानेश्वरांचे अभंग - संत ज्ञानेश्वर
	नवा शिपाई - केशवसुत
	<ul> <li>पुतळे - वसंत आबाजी डहाके</li> </ul>
II	<ul> <li>मुलाखत लेखन: स्वरूप, पूर्वतैयारी, प्रकार, प्रात्यक्षिके</li> </ul>
व्यावहारिक मराठी	🗲 जाहिरात लेखन: व्याख्या, कार्य, प्रकार, प्रतिमानिर्मिती, जाहिरातीची माध्यमे, जाहिरातीची माध्यमे, जाहिरात लेखन आणि
	जाहिरातीचा शेवट

### **Books Recommended:**

#### संदर्भ ग्रंथ :-

- १. राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठाचे B.COM मराठीचे पाठ्य पुस्तक
- २. सुगम मराठी व्याकरण व लेखन मो. रा. वाळम्बे

#### Semester - I

	Ancient Indian Education System (BCABR 1.7)				
Tea	aching Hours: 2	Total Credits: 2	Total Marks: 35+15 = 50	Group: Indian Knowledge System	
Object	tives:				
1. To	acquaint the stude	nts about our ancient Indian	education system.		
2. To	understand the ric	n knowledge systems in the	past.		
3. To	understand the de	velopment of education in Ir	ndia		
Learning outcome: After learning this subject, students would be able to understand:					
1. Th	ne rich knowledge s	ystems in ancient India.			
2. Cł	nanges in the educa	tion system over the years.			
3. To	o understand our gi	eat culture and knowledge i	nheritance.		
Unit			Content		
ı	Introduction to an	cient education systems-			
	i) Features of An	cient Indian Education			

# i) Education in post Vedic period

- ii) Ancient Universities in Buddhist period- Takshshila , Kashi Nalanda, Valabhi Vikramshila
- iii) Features and objectives of the universities
- iv) Merits and Demerits of the ancient education system

ii) Sources of Education- Vedas, Upanishad, Brahmanas etc

iv) Indigenous Education: Home, Temples, Pathshalas, Gurukuls

iii) Objectives of studying the Vedas, Upanishad etc

v) The concept of Gurukuls and teaching at Gurukuls

- 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. History of Education in India Rawat Publications, Ghosh, S.C, (2007)
- 4. A History of Education in India Nurullah and Naik, Macmillan, Bombay. P.L. Rawat, (1995)

#### Semester - I

Environment and Sustainable Development (BCABR 1.8)			
Teaching Hours: 2	Total Credits: 2	Total Marks:	Group: Value Education
reaching nours. 2	Total Credits. 2	35+15 = 50	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,
	<b>SDG 6:</b> Clean Water and Sanitation, <b>SDG 7:</b> Affordable and Clean Energy, <b>SDG 11:</b> Sustainable Cities
	and Communities, SDG 13: Climate Action, SDG 17: Partnerships for the goals

- 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

#### Semester - I

Physical Education – I (BCABR 1.9)			
Tooching Hours: 2	Total Credits: 2	Total Marks:	Group: Co-Curricular
Teaching Hours: 2	Total Credits. 2	35+15 = 50	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
	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

- 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.

#### Semester - II

Fundamentals of Financial Accounting (BCABR 2.1)				
Teaching Hours: 4	Total Credits: 4	Total Marks: 70+30 = 100	Group: Major Core	

**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.
- 3. The students would be coherent with the knowledge of rectifying the errors.
- 4. To understand the reconciliation procedure of bank statements.

Unit	Content				
1	Fundamentals of Accounting:				
-	<b>Theory:</b> 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.				
П	Ledger and Trial Balance:				
	<b>Theory:</b> 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.				
Ш	Rectification of Errors:				
	<b>Theory:</b> Meaning and introduction of Rectification of errors, types of errors, stages of errors,				
	difference between error and mistake, steps to locate errors, errors before trial balance, errors after				
	trial balance and errors after final accounts are prepared.				
	Practical Problems: Problems on Rectifying Errors.				
IV	Bank Reconciliation Statement:				
	<b>Theory:</b> Introduction- Debit and Credit balances, Reasons for Discrepancies, Omission of entry,				
	overdraft, difference between cash book and bank book, objectives and importance on Bank				
	Reconciliation Statement.				
	Practical Problems: Problems on Bank Reconciliation Statement.				

- 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.

#### Semester - II

Basics of Economics (BCABR 2.2.1)				
Teaching Hours: 2	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.

u	nderstand application till odgir redistic ease stadies.			
Unit	Content			
I	Introduction to Economics			
	Economics - Meaning, Nature, Scope, Importance			
	• Contribution of Economists - Adam Smith, Alfred Marshal, Lionel Robbins - Definition, Features,			
	Criticisms			
	Economic Systems- Socialism, Capitalism, Mixed- Meaning, Merits and demerits			
	Central Problems of Economic System			
	Production Possibility Curve - Meaning, Properties			
II	Foundation of Economic Analysis			
	<ul> <li>Micro &amp; Macro Economic Analysis - Meaning, Definition, Features, Merits, Demerits</li> </ul>			
	<ul> <li>Case Study on Bajaj Auto (Micro Analysis), Case Study on Automobile Sector (Macro Analysis)</li> </ul>			
	Utility Analysis - Meaning, Features, Types			
	<ul> <li>Law of Diminishing Marginal Utility - Meaning, Definition, Concept, Assumptions, Exceptions</li> </ul>			
	• Law of Equi Marginal Utility - Meaning, Definition, Concept, Assumptions, Limitations/Criticisms.			

- 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.

#### Semester - II

Computer Hardware and Networking (BCABR 2.2.2)				
Teaching Hours: 2	Total Credits: 2	Total Marks: 35+15 = 50	Group: Minor	

### **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			
_	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.			

- TE BER Operating System Concept - Silberschatz, Galvin & Gagne, John Willey & Sons Inc, Haboken, NJ
- The UNIX Programming Environment Kernighan & Pike, PHI, London
- 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
- Cisco Networks Christopher Carthern, William Wilson, Noel Rivera, Richard Bedwell 5.
- **Computer Networks –** Fourth Edition, Andrew S., Tanebaum

#### Semester - II

Thoughts of Management (BCABR 2.2.3)						
Teaching Hours: 2 Total Credits: 2 Total Marks: 35+15 = 50 Group: Minor						
Objectives:  1. To understand the basic concents and principles in Management Thought						

- 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. [	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.				
Ш	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.				

- 1. Organisation and Management Dr. C.B. Gupta, Shatya Bhavan Publication Agra.
- 2. Principles and Practices of Management L. M. Prasad, Sultan Chand & SonsNew 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.

#### Semester - II

Production Management (BCABR 2.3.1)				
Teaching Hours: 2	Total Credits: 2	Total Marks:	Group: Generic/Open	
reactiling Hours. 2	Total Credits. 2	35+15 = 50	Electives	

### **Objectives:**

- 1. Understand the various concepts & functions of Operations Management.
- 2. Learn the techniques & applicability of Operations Management.

#### **Learning Outcomes:**

- 1. Students will be able to understand the various aspects, systems, methodologies, processes, policies and concepts related to Production Management.
- 2. They will also be able to adopt techniques for achieving Production goals of the organisation through optimum use of effective resources of the organisation.

### Unit Content ı **An Introduction to Production Management** a. Meaning & Introduction to Production Management b. Scope of Production Management w.r.t. Design & Selection of Product, Selection & Planning for Process as well Layout, Selection of Location, Capacity Planning, Types of Production systems Criteria of Performance. c. Production Strategy: -planning and control issues involving capacity and quality. Ш **Productivity** a. Introduction & Meaning of Productivity & Output b. The concepts of Inputs & Productivity Measures

- c. The concept of Multi Factor Productivity
- d. Introduction to -
- e. Business Process Re-engineering (BPR)
- f. Benchmarking & its classification
- g. Introduction to various measures to increase Productivity.
- h. Meaning of Pursuit of Excellence

Latest concepts in Production Management & Japanese Contribution.

- 1. **Production & Operations Management –** S. N. Chary, Tata McGrawHill
- 2. Production & Operations Management Chunawala & Patel, Himalaya PH.
- 3. **Production & Operations Management –** K. Ashwathappa & K. Bhat, Himalaya
- Production & Operations Management Upendra Kachru, Excel Books
- 5. Production and Operations Management N. Nair; Publisher: Tata Mc. Graw Hill

#### Semester - II

Project Management (BCABR 2.3.2)			
Teaching Hours: 2	Total Credits: 2	Total Marks:	Group: Generic/Open
reaching Hours. 2	Total Cleuits. 2	35+15 = 50	Electives

### **Objectives:**

- 1. To learn a systematic approach towards project management.
- 2. To develop an understanding of various models and techniques of Project Management.

### **Learning Outcomes:**

- 1. Students will come to know the basic concept of the Project Management & its plan.
- 2. Students will learn to identify the techniques, risk, teambuilding and the basic knowledge of the elements of Project control.

Unit	Content				
- 1	Introduction to Project Management-				
	Definitions, Concept of Project Management, Characteristics and Objectives of Project Management,				
	Importance of Project Management, Project Scope & Priorities, Project limitations, Project				
	Management Plan and Process, Introduction to Project Life Cycle; Qualities of an effective Project				
	Manager and Organisation Structures - Benefits & Drawbacks of Various Organisation Structures				
Ш	Project Management Techniques, Project Costs, Project Control, Monitoring and Closure-				
	Team Development Model, Introduction to the techniques and practices in the Project Management,				
	Project Risk Identification, Project Costs – Various Costs associated with Projects, Project Control –				
	Time Constrained & Resource Constrained Projects. Project Control process, Monitoring Time				
	performance and Project Closure				

- 1. Project Management S. Chowdhary, McGraw Hill
- 2. Project Management V. C. Sontakki, Himalaya Publishing House
- 3. Project Management Clifford F. Gray, Erik W. Larson, McGraw Hill
- 4. Project Management Jeffrey Pinto, Pearson

### Semester - II

Introduction to Operations Management			Operations Manag	gement (BCABR 2.4.1)			
1. Understand the various concepts& functions of Operations Management. 2. Learn the techniques & applicability of Operations Management.  Parning Outcomes:    Introduction to Operations Management:   a. Definition, Need, Objectives& Importance of Operations Management     b. Role of Operations manages in various sectors     c. Elements & Functions of Operations Management     d. Factors affecting Operations Management     e. Difference between Production and Operations Management     f. Strategies of Operations Management     g. Meaning & Importance of Service Operations Management     d. Techniques of Operations Management     a. Techniques of Operations Management     b. Operations Management in Manufacturing, Logistics & Banking Industry     c. Material Requirement Planning System     d. Process of Material Requirement Planning System     e. Concept of Just-In-time approach of Inventory Management     f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, but stocks     g. Numerical on Inventory costs & Basic EOQ Model.	Tea	aching Hours: 2	Total Credits: 2		Group: Generic/Open Electives		
2. Learn the techniques & applicability of Operations Management.  Pearning Outcomes:    Introduction to Operations Management:   a. Definition, Need, Objectives& Importance of Operations Management     b. Role of Operations manages in various sectors     c. Elements & Functions of Operations Management     d. Factors affecting Operations Management     e. Difference between Production and Operations Management     f. Strategies of Operations Management     g. Meaning & Importance of Service Operations Management     a. Techniques of Operations Management     b. Operations Management     a. Techniques of Operations Management     b. Operations Management Planning System: Objectives, functions& Application     d. Process of Material Requirement Planning System     e. Concept of Just-In-time approach of Inventory Management     f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, but stocks     g. Numerical on Inventory costs & Basic EOQ Model.	Objec	tives:			1		
Introduction to Operations Management: a. Definition, Need, Objectives& Importance of Operations Management b. Role of Operations manages in various sectors c. Elements & Functions of Operations Management d. Factors affecting Operations Management e. Difference between Production and Operations Management f. Strategies of Operations Management g. Meaning & Importance of Service Operations Management l. Application of Operations Management b. Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, but stocks g. Numerical on Inventory costs & Basic EOQ Model.	1.	Understand the va	rious concepts& functions	of Operations Manageme	nt.		
Introduction to Operations Management:  a. Definition, Need, Objectives& Importance of Operations Management b. Role of Operations manages in various sectors c. Elements & Functions of Operations Management d. Factors affecting Operations Management e. Difference between Production and Operations Management f. Strategies of Operations Management g. Meaning & Importance of Service Operations Management l. Application of Operations Management: a. Techniques of Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks g. Numerical on Inventory costs & Basic EOQ Model.	2.	Learn the technique	ues & applicability of Opera	tions Management.			
Introduction to Operations Management:  a. Definition, Need, Objectives& Importance of Operations Management b. Role of Operations manages in various sectors c. Elements & Functions of Operations Management d. Factors affecting Operations Management e. Difference between Production and Operations Management f. Strategies of Operations Management g. Meaning & Importance of Service Operations Management  H. Application of Operations Management: a. Techniques of Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks g. Numerical on Inventory costs & Basic EOQ Model.	Learni	ing Outcomes:					
Introduction to Operations Management:  a. Definition, Need, Objectives& Importance of Operations Management b. Role of Operations manages in various sectors c. Elements & Functions of Operations Management d. Factors affecting Operations Management e. Difference between Production and Operations Management f. Strategies of Operations Management g. Meaning & Importance of Service Operations Management  H. Application of Operations Management: a. Techniques of Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks g. Numerical on Inventory costs & Basic EOQ Model.		T					
a. Definition, Need, Objectives& Importance of Operations Management b. Role of Operations manages in various sectors c. Elements & Functions of Operations Management d. Factors affecting Operations Management e. Difference between Production and Operations Management f. Strategies of Operations Management g. Meaning & Importance of Service Operations Management  II Application of Operations Management: a. Techniques of Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks g. Numerical on Inventory costs & Basic EOQ Model.	Unit			Content			
b. Role of Operations manages in various sectors c. Elements & Functions of Operations Management d. Factors affecting Operations Management e. Difference between Production and Operations Management f. Strategies of Operations Management g. Meaning & Importance of Service Operations Management  HI Application of Operations Management: a. Techniques of Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks g. Numerical on Inventory costs & Basic EOQ Model.	I	· ·	_				
c. Elements & Functions of Operations Management d. Factors affecting Operations Management e. Difference between Production and Operations Management f. Strategies of Operations Management g. Meaning & Importance of Service Operations Management  HI Application of Operations Management: a. Techniques of Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks g. Numerical on Inventory costs & Basic EOQ Model.		-					
d. Factors affecting Operations Management e. Difference between Production and Operations Management f. Strategies of Operations Management g. Meaning & Importance of Service Operations Management  II Application of Operations Management: a. Techniques of Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, but stocks g. Numerical on Inventory costs & Basic EOQ Model.		,					
e. Difference between Production and Operations Management f. Strategies of Operations Management g. Meaning & Importance of Service Operations Management  II Application of Operations Management: a. Techniques of Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, but stocks g. Numerical on Inventory costs & Basic EOQ Model.		·					
f. Strategies of Operations Management g. Meaning & Importance of Service Operations Management  II Application of Operations Management: a. Techniques of Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, but stocks g. Numerical on Inventory costs & Basic EOQ Model.							
g. Meaning & Importance of Service Operations Management  Application of Operations Management:  a. Techniques of Operations Management  b. Operations Management in Manufacturing, Logistics & Banking Industry  c. Material Requirement Planning System: Objectives, functions& Application  d. Process of Material Requirement Planning System  e. Concept of Just-In-time approach of Inventory Management  f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks  g. Numerical on Inventory costs & Basic EOQ Model.							
Application of Operations Management:  a. Techniques of Operations Management b. Operations Management in Manufacturing, Logistics & Banking Industry c. Material Requirement Planning System: Objectives, functions& Application d. Process of Material Requirement Planning System e. Concept of Just-In-time approach of Inventory Management f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks g. Numerical on Inventory costs & Basic EOQ Model.		3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					
<ul> <li>a. Techniques of Operations Management</li> <li>b. Operations Management in Manufacturing, Logistics &amp; Banking Industry</li> <li>c. Material Requirement Planning System: Objectives, functions&amp; Application</li> <li>d. Process of Material Requirement Planning System</li> <li>e. Concept of Just-In-time approach of Inventory Management</li> <li>f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks</li> <li>g. Numerical on Inventory costs &amp; Basic EOQ Model.</li> </ul>		g. Wearing o	importance of Service ope	rations Management			
<ul> <li>b. Operations Management in Manufacturing, Logistics &amp; Banking Industry</li> <li>c. Material Requirement Planning System: Objectives, functions&amp; Application</li> <li>d. Process of Material Requirement Planning System</li> <li>e. Concept of Just-In-time approach of Inventory Management</li> <li>f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks</li> <li>g. Numerical on Inventory costs &amp; Basic EOQ Model.</li> </ul>	II	Application of Ope	rations Management:	A STATE OF THE STA			
<ul> <li>c. Material Requirement Planning System: Objectives, functions&amp; Application</li> <li>d. Process of Material Requirement Planning System</li> <li>e. Concept of Just-In-time approach of Inventory Management</li> <li>f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks</li> <li>g. Numerical on Inventory costs &amp; Basic EOQ Model.</li> </ul>		a. Techniques of Operations Management					
<ul> <li>d. Process of Material Requirement Planning System</li> <li>e. Concept of Just-In-time approach of Inventory Management</li> <li>f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks</li> <li>g. Numerical on Inventory costs &amp; Basic EOQ Model.</li> </ul>		b. Operations Management in Manufacturing, Logistics & Banking Industry					
<ul> <li>e. Concept of Just-In-time approach of Inventory Management</li> <li>f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks</li> <li>g. Numerical on Inventory costs &amp; Basic EOQ Model.</li> </ul>		c. Material Requirement Planning System: Objectives, functions& Application					
f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, bustocks g. Numerical on Inventory costs & Basic EOQ Model.		d. Process of Mate <mark>rial Requir</mark> ement Planning System					
g. Numerical on Inventory costs & Basic EOQ Model.		e. Concept of Just-In-time approach of Inventory Management					
g. Numerical on Inventory costs & Basic EOQ Model.		f. Types of Costs, Basic concepts of maximum stock, minimum stock, Re-order point, buffer					
A TINGE		stocks	3/6/8				
acks Pasammandad		g. Numerical	on Inventory costs & Basic I	EOQ Model.			
ooks recommended.	Books	Recommended:	7	7			

- 1. **Production & Operations Management Chunaw**ala & Patel, Himalaya Publishing House.
- 2. **Production & Operations Management –** K. Ashwathappa & K. Shridhar Bhat, Himalaya Publishing House
- 3. **Operations Management –** Shridhar, Himalaya Publishing House.

#### Semester - II

Strategic Management (BCABR 2.4.2)				
Teaching Hours: 2	Total Credits: 2	Total Marks:	Group: Generic/Open	
reaching hours. 2	Total Cleuits. 2	35+15 = 50	Electives	

### **Objectives:**

- 1. Strategic management covers the setting objectives for the company, keeping an eye on competitors' actions.
- 2. Reassessing the organization's internal & external structure, evaluating present-day strategies.

#### **Learning Outcomes:**

- 1. It will help in understanding and expose students to various perspectives and concepts in the field of Strategic Management.
- 2. It will help students develop skills for applying these concepts to the solution of business problems.

Unit	Content			
ı	Strategic management - Introduction to strategic management, Strategic decision making, Strategic			
	management process; Difference between Policy, Strategy and Tactics, Definition, Characteristics and			
	importance of a Vision and Mission statement, Preparation of Vision & Mission Statement;			
	Organizational Objectives - hierarchy of objectives, Setting of objectives, Process of setting objectives,			
	Synergy- Types and benefits of synergy			
Ш	Environment analysis - a) Components of External environment b) Components of Internal			
	environment c) Environmental scanning. Industry Analysis- Michael Porters 5 forces model, SWOT			

#### **Books Recommended:**

Leadership, Functions of Strategic Leader.

1. Strategic Planning & Formulation of Corporate Strategy - V S Ramaswami, S Namaumari, Macmillan Publication, India.

Analysis, Strategic Business Unit (SBUs), Merits & Demerits of SBU, BCG Matrix, GE Matrix, Portfolio approach and analysis- Definition, Characteristics, advantages and disadvantages, Strategic

- 2. **Strategic Management** John A Pearce II, Richard B Robinson, Jr, Tata McGraw- Hill Publishing Company Limited, New Delhi, 9th Edition.
- 3. Management Policy & Strategic Management R.M. Srivastava Publication, Himalaya Publishing House.
- 4. **Global Strategic management** Kamel Mellahi, J. George Frynas, Paul Finlay, Oxford University Press, New Delhi.
- 5. Business Policy and Strategic Management (Text and Cases) Subba Rao, P 2010

#### Semester - II

Basics of Tally Prime (BCABR 2.5)				
Teaching Hours: 2	Total Credits: 2	Total Marks:	Group: Vocational Skill	
reaching hours. 2	Total Cleuits. 2	35+15 = 50	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			
	<ul> <li>Day Book, Trial Balance, Profit &amp; Loss A/c, Balance Sheet and Stock Summary.</li> </ul>			

- 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.

#### Semester - II

Correspondence Skills (BCABR 2.6.1)			
Toaching Hours: 2	Total Credits: 2	Total Marks:	Group: Skill Enhancement
Teaching Hours: 2	Total Cleuits. 2	35+15 = 50	Courses

### **Objectives:**

- 1. To develop written skills
- 2. To introduce various business letters
- 3. To introduce to office correspondence

**Learning Outcomes:** After learning this subject, students would be able to understand the writing of different types of business and office correspondence needed for the conduct of business and official work.

Unit	Content			
ı	Business Correspondence			
	i) Business Enquiry Letters- Enquiry about products and services with seller; Reply to enquiries from buyer			
	ii) Business Order Letters- placing order about products and services			
	iii) Business Complaint Letters- Writing complaint letters to the seller about bad quality, less quantity, wrong products etc			
	iv) Business Adjustment Letters- providing proper adjustment to the buyer			
II	Job applications/Office/Bank/Insurance Correspondence			
	i) Job applications with Bio-data			
	ii) Memo/Office Order/Office Circular			
	iii) Letters to Banks- Application for loan, bank overdraft, issuance of cheque book, stopping a cheque			
	iv) Letters to Insurance company- Claim, compensation			

- 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)

#### Semester - II

Public Administration (BCABR 2.6.2)				
Toaching Hours: 2	Total Crodits: 2	Total Marks:	Group: Skill Enhancement	
Teaching Hours: 2	Total Credits: 2	35+15 = 50	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		
ı	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		

- 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.
- Indian Administration Hoshiar 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.

#### Semester - II

A Better India, A Better World (BCABR 2.7)				
Teaching Hours: 2	Total Credits: 2	Total Marks: 35+15 = 50	Group: Ability Enhancement Courses	
Objectives				

#### **Objectives:**

- 1. To make students understand the important life skills and values to become successful.
- 2. To motivate students to acquire good values.
- 3. To make students dream big by overcoming challenges.

### **Learning Outcomes:** After studying this subject, students would understand:

- 1. Success tips from Shri Narayan Murthy
- 2. Qualities needed to become successful

Unit	Content
I	From Part I: Address to Students
	i) Learning from Experience
	ii) The Indian of the Twenty-first Century
	iii) Succeeding in the Contemporary World
Ш	From Part II: Values
	i) What Can We Learn from the West
	ii) The Role of Discipline in Accelerating National Development
	iii) How Can We Stop Corruption in India

### **Books Recommended:**

A BETTER INDIA, A BETTER WORLD BY N R NARAYAN MURTHY Published by Penguin Random House India, Gurgaon, India, 2010

#### Semester - II

Value Education (BCABR 2.8)				
Teaching Hours: 2	Total Credits: 2	Total Marks:	Group: Value Education	
reaching Hours. 2	Total Cleuits. 2	35+15 = 50	Courses	

### **Objectives:**

- Understanding the values, morals & ethics: 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 morals, values & ethics in life.
- 2. To appraise Indian values and to contribute to nation building.

Unit	Content		
I	UNIT I Morals, Values & Ethics:		
	1. Meaning & definition of morals, values & ethics. 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.		
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 values, rights & duties – Sensitization to constitutional obligations, Gender		
	sensitization & Cultural sensitization (Meaning, role & importance)		

### **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

2. Dr. A. P. J. Kalam's Ten points for enlightened citizenship

#### Semester - II

Physical Education – II (BCABR 2.9)				
Teaching Hours: 2	Total Credits: 2	Total Marks:	Group: Co-Curricular	
reaching hours. 2	Total Credits. 2	35+15 = 50	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).

U	with 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.

- 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.

#### Semester - III

Company Law (BCABR 3.1)				
Teaching Hours: 60	Total Credits: 4	Total Marks: 70+30 =100	Group: Major Core	

#### Objective:

- 1. To impart basic knowledge of the provisions of Companies Act 2013.
- 2. To familiarize students with the legal regulations related to registration of a company.
- 3. To impart knowledge about important documents that define a company.
- 4. To impart knowledge of company functioning.

### Learning Outcomes: After learning this course, students will be able to -

- 1. Classify different types of companies under the Companies Act 2013, including registered, public, private, one-person, and others, and explain their respective features, privileges, and exemptions. (Understand)
- 2. **Interpret** the duties and liabilities of promoters, understand the preliminary steps involved in company incorporation, and explain the online registration process, issuance of certificates, and provisional contracts. **(Evaluate)**
- 3. **Apply** the principles of Memorandum of Association (MOA) and Articles of Association (AOA) to understand their clauses, alterations, and the legal implications of ultra vires transactions. Analyze the requirements and types of prospectuses and their significance. **(Apply)**
- 4. Analyze the concept of company meetings, including their requisites for validity, different types, and voting procedures. Evaluate the role of resolutions and assess the effectiveness of various voting methods, including postal ballot and e-voting. (Analyze)

Unit	Content			
I	Introduction to companies act 2013 (as amended from time to time), features, Kinds of companies:			
	Registered company, Public company, private company-privileges and exemptions of a private			
	company, Conversion of Private company to Public company, conversion of Public company to Private			
	company, One person company: Provisions and exemptions of OPC, , Conversion of OPCs into private			
	and public companies, Holding and subsidiary company, Government company, Foreign Company, Sec			
	8 Company			
Ш	Formation of company – Promotion: duty and liabilities of promoters, legal position of promoters			
	Incorporation: preliminary steps, online registration of a new company, certificate of incorporation,			
	commencement of business, certificate of commencement of business, CIN, provisional contracts			
III	Documents: Memorandum of association- clauses and alterations			
	Articles of association- Content and alterations			
	Doctrine of ultra vires- effects of ultra vires transactions			
	<b>Prospectus:</b> Meaning, requirements of a prospectus, abridged prospectus, shelf prospectus,			
	misleading prospectus			
IV	<b>Company meetings</b> – Meaning of meeting, kinds of meetings, Requisites of a valid general meeting:			
	notice, agenda, quorum, chairman, voting by poll, voting through postal ballot, procedure to be			
	followed for conducting business through postal ballot, E-voting, Proxy and its provisions,			

#### **Books Recommended:**

- 1. Company Law & Secretarial Practice. Sultan Chand & Sons, Kapoor, N.D: New Delhi.
- 2. Indian Company Law, Singh Avtar, Eastern Book Company, Lucknow.
- 3. Company Law and Secretarial Practice, Dr. R.K. Nelakha, Ramesh Book Depot, Jaipur.
- 4. Corporate Laws, Anil Kumar; Taxmann Publication

**Resolutions:** Types of resolutions

#### Semester - III

Financial Accounting – I (BCABR 3.2)				
Teaching Hours: 60	Total Credits: 4	Total Marks: 70+30 =100	Group: Major Core	

#### Objective:

method.

insurance policy method.

- 1. To understand the concept of final accounts for sole traders and develop the ability to prepare trading, profit and loss, and balance sheet accounts, including adjustments.
- 2. To gain insight into the final accounts of cooperative societies and develop the proficiency to prepare them in accordance with relevant legal provisions.
- 3. To understand the concept of joint ventures and develop the ability to account for them using different methods.
- 4. To comprehend the concept of depreciation and its methods and acquire the skills to account for depreciation using different techniques.

### Learning Outcomes: After learning this course, students will be able to -

- 1. **Demonstrate** the ability to analyze and synthesize financial data to prepare comprehensive final accounts for sole traders, integrating adjustments, and evaluate the financial health of the business.
- 2. **Apply** their understanding of legal provisions and financial principles to create accurate final accounts for cooperative societies and appraise the financial performance critically.
- 3. **Develop** the capacity to evaluate, compare, and justify different methods of accounting for joint ventures, and synthesize this knowledge to select the most appropriate approach for specific business scenarios.
- 4. **Demonstrate** proficiency in analyzing, applying, and evaluating various methods of depreciation, synthesizing their understanding to make informed decisions regarding asset valuation and financial reporting.

re	eporting.		
Unit	Content		
I	Final Accounts of Sole Traders:		
	<b>Theory:</b> Meaning of Final Accounts, Characteristics and Format of Trading A/c, Profit and Loss A/c and		
	Balance Sheet, Meaning and nature of Adjustments.		
	Practical Problems: Preparation of Trading A/c, Profit and Loss A/c and Balance sheet from Trial		
	balance and Adjustments		
II	Final Accounts of Co-Operative Society:		
	<b>Theory:</b> Meaning and Introduction of Co-operative Society, Characteristics of and Usefulness of Co-		
	operative Society, Limitations of Co-operative society, Types of Co-operative Society, Meaning,		
	Format and Characteristics of Profit and Loss Appropriation A/c.		
	<b>Practical Problems:</b> Preparation of Trading A/c, Profit and Loss A/c, Profit and Loss Appropriation A/c		
	and Balance sheet As per Maharashtra Co-operative Society Act, 1960.		
Ш	Joint Venture:		
	<b>Theory:</b> Meaning of Joint Venture, Characteristics of Joint Venture, Advantages and Disadvantages of		
	Joint Venture, Methods of Joint Ventures, Distinction between Joint Venture and Partnership.		
	Practical Problems: Preparation of various accounts as per Memorandum, Centralized Method and		
	Decentralized Method of Joint Venture.		
IV	Depreciation:		
	<b>Theory:</b> Meaning of Depreciation, Nature, Characteristics and Advantages of Depreciation, Need of		
	Depreciation, Various Methods of charging Depreciation (i) Straight line method, ii) Reducing balance		
	method iii) Annuity method iv) Depreciation fund method v) Depreciation fund insurance policy		

**Practical Problems:** Preparation of Depreciation A/c, Machinery A/c under: (i) Straight line method ii) Reducing balance method iii) Annuity method iv) Depreciation fund method v) Depreciation fund

- 1. Financial Accounting, Paul, S. K, New Central Book Agency
- 2. Financial Accounting for Managers, Ghosh, T. P. Taxman Allied Service
- 3. Financial Accounting, Mohammed Hanif, Amitabh Mukherjee, S. Chand Publications
- 4. Financial Accounting, Dr. V. K. Goyal, Excel Books Publications
- **5. Financial Accounting,** Jain S.P., Narang K.L., Kalyani Publishers, Delhi.
- 6. Financial Accounting, Grewal, Shukla, S. Chand (Sultan Chand Publications), Delhi



#### Semester - III

Business Economics (BCABR 3.3.1)				
Teaching Hours: 60	Total Credits: 4	Total Marks: 70+30 =100	Group: Minor	

### Objective:

- 1. To provide the students an understanding of basic concepts of business economics and demand analysis.
- 2. To help students understand the requirements of business decision making and production analysis.
- 3. To make the students familiar with costing concepts and revenue analysis.
- 4. To provide knowledge to the students regarding market structures and competition.

### Learning Outcomes: After learning this course, students will be able to -

- 1. **Understand** the important concepts of Business Economics, and further delve deeper into concepts related to Demand analysis like, Elasticity of demand and Indifference curve.
- 2. **Analyse** how the producers make decisions based on production function in short run and long run.
- 3. **Evaluate** the importance of cost analysis and revenue analysis for a business.
- 4. **Apply** the knowledge regarding various types of markets and how the companies function in a given nature of market & competition in realistic situations.

n	ature of market & competition in realistic situations.			
Unit	Content			
I	Introduction to Business Economics			
	<ul> <li>Concept, Nature, Scope of Business Economics</li> </ul>			
	• Demand -Meaning of Demand, Determinants of Demand, Law of Demand, Expansion and			
	Contraction of Demand, Increase and Decrease of Demand			
	• Elasticity of Demand - Concept, Methods, Types of Elasticity of Demand, Degrees of Price Elasticity			
	of Demand, Factors affecting Elasticity of Demand, Case Study on Oil Refining Companies and Price			
	Elasticity of Demand			
	<ul> <li>Indifference Curve - Meaning, Properties of Indifference curve, Indifference map</li> </ul>			
П	Business Decision-Making and Production Function			
	<ul> <li>Supply -Concept of Supply, Law of Supply , Elasticity of Supply,</li> </ul>			
	<ul> <li>Determination of Equilibrium price through market forces (Demand and Supply), Case Study on Demand and Supply of Gold in India</li> </ul>			
	Production Function - Meaning of Production Function, Short Run & Long Run Production Function     Isoguant, Meaning Proporties			
	Isoquant - Meaning, Properties     SDC 13 Sustainable Consumption and Broduction Consont Targets and Indicators			
	<ul> <li>SDG 12 - Sustainable Consumption and Production - Concept, Targets and Indicators</li> <li>Case study on Inability in taking strategic timely decisions a cause for Nokia's failure</li> </ul>			
III	Costing Concepts & Revenue analysis			
'''	Costing Concepts  Costing Concepts			
	Cost Function - Meaning of Cost Function			
	<ul> <li>Introduction to Various Short &amp; Long Run Costing Concepts: Concept of Total Cost, Average Cost,</li> </ul>			
	Marginal Cost, Supply chain costs and drivers of supply chain costs			
	Relationship between Average Cost and Marginal Cost			
	Revenue Analysis – Meaning of Revenue, Concept of Total Revenue, Average Revenue and Marginal			
	Revenue, Relationship between Average Revenue and Marginal Revenue			
	Theory of Firm- Objectives of a firm and profit maximization			
IV	Market structure and competition			
	Market:			
	Market - Meaning, Features, Types			
	Perfect Competition - Meaning, features, Equilibrium of Industry and of Firm in short run (Price-			
	Output Determination in short run)			
	Imperfect Competition			
1				

• Monopoly- Meaning, features, types, Equilibrium of firm (Price-Output Determination in short

- run), Price Discrimination- meaning, types, conditions for price discrimination to be profitable
- Monopolistic Competition Meaning, features, Equilibrium of firm (Price- Output Determination in short run)
- Oligopoly Meaning, features, kinked demand curve, Nash Equilibrium in Prisoner's Dilemmaconcept

- 1. Introduction to Modern Economics, Hardwick, Khan & Langmead, An, Longman London & New York, Revised Edition.
- 2. Advanced Economic Theory (Micro Economic Analysis), H. L. Ahuja, S. Chand & Co Ltd, 11th Edition, 2004.
- 3. Modern Economics, H. L. Ahuja, S. Chand & Co Ltd, 11th Edition, 2004.
- **4.** Micro Economics, P. N. Chopra, , Kalyani Publishers.
- 5. Micro Economics, D. D. Chaturvedi, Galgotia Publishing Company.



#### Semester - III

MS-Office (BCABR 3.3.2)				
Teaching Hours: 60	Total Credits: 4	Total Marks: 70+30 = 100	Group: Minor	

### Objective:

- 1. To understand formatting features in Ms Word with Mail merge, Templates to maintain consistency to create professional looking documents.
- 2. To analyze large datasets through Excel sorting, filtering and different data analysis tools.
- 3. To explore data modelling and advanced functions to visualize data creatively and communicate insights effectively.
- 4. To evaluate organization and structure of PowerPoint presentations in order to ascertain their logical flow

### Learning Outcomes: After learning this course, students will be able to –

- 1. **Understand** and **recall** the functionalities, tools and commands available in MS Word.
- 2. **Analyze** financial data and perform functions to evaluate financial scenarios.
- 3. **Apply** statistical analysis tools and technique to interpret data for business insights and faster decision making.
- 4. **Evaluate** the effectiveness of the contents in PowerPoint presentation including visual themes for diverse audiences.

Unit	Content			
I	Microsoft Word :- Introduction to MS-Office 2019, Installation, Word:- Introduction to MS-Word,			
	Working with toolbars & ribbons, Components of MS-Word Window, Inserting Tables, Mail-merge,			
	Macros, Templates.			
II	MS-Excel:- Introduction to MS-Excel:- Introduction to MS-Excel, Elements of MS-Excel workbook,			
	Navigation, Entering & Editing, Formatting cells, Formula and Functions, V-lookup, H-lookup, Data			
	Sorting, Conditional Formatting, Filtering, Goal Seek, Tables, Views, Charts, Linking.			
Ш	Advanced Excel - INDEX and MATCH, IF with AND, OR, OFFSET combined with other functions,			
	CHOOSE for creating scenarios, INDIRECT combined with other functions, XNPV and XIRR			
	CELL, COUNTA, and MID functions combined together, PMT, IPMT, and principal payment calculations,			
	Subtotal and Data Consolidation, Pivot Table, Protection.			
IV	Microsoft PowerPoint: - Introduction to MS-PowerPoint, Insertion, deletion, Copying Slides, Slide			
	numbering, Header & Footer, Different Layouts, Master Slide, Inserting Tables, Sounds, Charts,			
	Different Objects, Animation, Slide Transition.			

- 1. A First Course In Computers, Sanjay Saxena, Vikash Publishing House Pvt. Ltd. New Delhi
- 2. Mastering MS-Office, Bittu Kumar
- 3. Mastering Advanced Excel, Ritu Arora

#### Semester - III

Marketing Management (BCABR 3.3.3)				
Teaching Hours: 60	Total Credits: 4	Total Marks: 70+30 = 100	Group: Minor	

#### Objective:

- 1. To introduce students to the fundamental concepts and principles of marketing.
- 2. To enable students to understand the importance of market segmentation, targeting, and positioning strategies in marketing management.
- 3. To provide students with a comprehensive understanding of product management processes and strategies.
- 4. To familiarize students with the various elements of the promotion mix and their role in marketing communications.

### **Learning Outcomes:** After learning this course, students will be able to –

- 1. **Analyze** the various philosophies of marketing and their significance in contemporary business environments.
- 2. **Formulate** effective positioning strategies for products or services based on market analysis and differentiation.
- 3. **Evaluate** the role of branding and packaging in product differentiation and consumer perception.
- 4. **Develop** integrated marketing communication plans for specific products or services considering diverse promotional channels and target markets.

Unit	Content			
ı	Introduction to Marketing - Market Definition, Types of Markets, Importance & Objectives of			
	Marketing, Core concepts of Marketing, Different philosophies of marketing, Role of Marketing,			
	Relationship of Marketing with other functional areas, concept of marketing mix, The marketing			
	environment, Relationship marketing, Database marketing, Online marketing.			
II	Market segmentation, Targeting & Positioning - Concept, Need for segmentation, Bases for			
	segmenting markets, Benefits of segmentation. Targeting-Introduction, selection of target market,			
	evaluating market segments, selecting market segments. Positioning-Definition, Selecting the			
	positioning platform, differentiating market offering, Case Study.			
Ш	Product Management – Meaning of product, Product Classifications, Difference between Consumer			
	goods and Industrial goods, New Product Development process, Product life Cycle – Introduction,			
	Importance of PLC, Phases of PLC. Branding: Meaning of Branding, types of branding, benefits of			
	branding. Packaging: Meaning, Types of Packaging, advantages of Packaging			
IV	<b>Promotion Decisions</b> – Meaning, Objectives & Importance, Promotion mix -Objectives & advantages,			
	Advertising, Publicity, Public Relations, personal selling, Sales promotion & Digital marketing, New			
	issues in marketing – Globalization, Consumerism, need for consumer protection, Social aspects of			
	marketing, Green Marketing.			

- 1. Marketing Management: Philip Kotler, Prentice Hall India, New Delhi
- 2. Marketing Management: Sherlekar, Himalaya Publishing House
- 3. Marketing Management: Text & Cases, By Rajagopal, Vikas Publishing House
- **4. Modern Marketing:** Bhagwati, Pillai- S. Chand Publications.

#### Semester - III

Direct Taxes (BCABR 3.4.1)				
Toaching Hours: 20	0 Total Credits: 2	Total Marks:	Group: Generic/Open	
Teaching Hours: 30	Total Credits. 2	35+15 = 50	Elective	

#### Objective:

- 1. To develop a comprehensive understanding of the fundamental concepts and legal provisions of the Income Tax Act 1961, including the distinction between exemptions and deductions, and the rules for determining residential status of taxpayers.
- 2. To acquire practical skills in computing taxable income from various sources including salary, house property, and other sources, by applying relevant deductions and understanding tax computation principles as per the applicable tax slabs and rates.

**Learning Outcomes:** After learning this course, students will be able to –

- 1. **Demonstrate** proficiency in understanding concepts of income tax by exhibiting a thorough understanding of fundamental tax concepts such as agricultural income, assessee classification, assessment year determination, and the distinction between gross total income, exemptions, and deductions within the framework of the Income Tax Act 1961. **(Understand)**
- 2. **Apply** taxation principles to Income Sources: Students will demonstrate the ability to analyze and compute taxable income from salary, house property, and other sources, including the valuation of perquisites and the application of relevant deductions, thereby gaining practical skills essential for tax computation and compliance. **(Apply)**

## Unit Content ı Introduction of Income Tax Act 1961 and basic concepts a) Basic concepts - Introduction of Income Tax Act 1961; Finance Act; Concepts of - Agricultural income, Assessee, Assessment year, Previous year, Person, Income, Gross total income, Charge of income Tax; Difference between Exemptions and Deductions; Introduction to Heads of Income. b) Residential Status - Rules for determining residential status of Individual, HUF, Firm and Company, need to determine residential status, Incidence of tax; Problems on determining residential status. **Income from Salary** a) Income from Salary - Scope of Chargeability (Section 15); Salary, Allowances, perquisites, exemptions and deductions. b) Allowances - House Rent Allowance, Transport Allowance, Children Education Allowance, Medical allowance. c) Perquisite – Valuation of Rent- free Accommodation; Motor Car; Valuation of medical facility. **d)** Practical problems on computation of income from salary (excluding retirement benefits). Ш Theory: **Income from House Property** a) Income from House Property – Scope of Chargeability (Section 22); Study of the concepts: Let-out property, Self-occupied properties, Gross Annual Value, Net Annual value – Deductions (Standard deduction and deduction in respect of payment of interest on borrowed capital) **Income from Other Sources**

a) Scope of Chargeability [Section 56]; Admissible Deductions (Section 57), Disallowances (Section 58) **Problems:** 

### Computation of Taxable Income and Income tax of an Individual Assessee

- a) Computation of Gross Total Income, Deductions under Sections 80C, 80D, 80DD, 80DDB, 80E, 80GG, 80TTA, 80TTB and 80U.
- **b)** Income tax slabs and rates including Education cess, Higher education cess, surcharge (as applicable for relevant assessment year)

c) Problems on Computation of Gross Total Income, Taxable Income and Income Tax liability of an Individual assessee considering the income under the heads of Salary, House Property and Other Sources.

Note: Academic year will be considered as Assessment Year.

- 1. **Direct Tax,** ICAI Module for Intermediate
- **2. Students Guide to Income Tax,** Vinod K. Singhania Publisher, Taxmann Publications Pvt Ltd, New Delhi.
- 3. Systematic Approach to Taxation, Dr. Girish Gupta, Dr Ravi Ahuja, Bharat Publications
- 4. Students Handbook on Income Tax, T. N. Manoharan and G. R. Hari, Snow White Publications.
- 5. Direct Tax Laws, T. N. Manoharan and G. R. Hari, Snow White Publications.
- **6. Students Guide to Income Tax,** Dr Monica Singhania / Dr. Vinod K Singhania, Taxmann Publications Pvt Ltd, New Delhi.
- 7. STUDENTS GUIDE TO INCOME TAX WITH PROBLEMS AND SOLUTIONS (COMBO), Dr Monica Singhania / Dr. Vinod K Singhania, Taxmann Publications Pvt. Ltd, New Delhi.
- 8. Income Tax Law & Accounts, Mehrotra, Sahitya Bhavan, Agra.
- **9.** Law and Practice of Income-Tax in India, Bhagavati Prasad, New Age International Publishers, New Delhi.
- 10. Direct Tax Laws, Dr. Girish Ahuja & Ravi Gupta, Bharat Publications



#### Semester - III

International Trade & Business Administration (BCABR 3.4.2)			
Tooching Hours: 20	Total Crodits: 2	Total Marks:	Group: Generic/Open
Teaching Hours: 30	Total Credits: 2	35+15=50	Electives

### **Objectives:**

- 1. To understand the essentials of international trade and nature of protectionism.
- 2. To discover the internationalization process and gain knowledge of various factors that have an impact on the functions of the business.

### Learning Outcomes: After learning this course, students will be able to

- 1. **Understand** the various concepts involved in international trade & its importance and **Analyze** various factors affecting international trade and strategize.
- 2. **Perceive** approaches to international trade and **Evaluate** various modes of entry in to international business and should be able to **select** the best mode of entry given a situation.

Unit	Content
ı	Introduction to International Trade:
	Definition, scope, objectives, advantages, and disadvantages of international trade.
	Overview of theories of international trade – Classical theories & Modern theories
	Role of International Financial Institutions in international trade.
	World trade & protectionism - Tariffs and non-tariff barriers.
	Concept & significance of balance of payment and balance of trade.
II	International Market Entry & Expansion strategies:
	Internationalization process, modes of entry to international trade.
	International business approaches: Ethnocentric, Polycentric, Regio centric & Geo centric.
	Various micro & macro factors affecting international trade.
	Regional trade agreement (European union, SAARC, NAFTA, BRICS, ASEAN) & types of trade
	agreements.
	Case study based on modes of entry to international business/internationalization process.

- 1. International Business, Daniels John, D. Lee H. Radenbaugh, and David P. Sullivan Pearson Education.
- 2. International Business, Czinkota, Michael R, et. Al the Dryden Press, Fortworth.
- 3. International Business, K. Aswathappa, McGraw Hill Education.
- 4. International Business Environment, Francis Cherunilam Himalaya Publishing House.
- 5. International Business (Text and cases), P. Subba Rao Himalaya Publishing House.

#### Semester - III

Digital Marketing (BCABR 3.5)			
Tooching Hours: 20	Total Credits: 2	Total Marks:	Group: Vocational Skill
Teaching Hours: 30	Total Credits: 2	35+15=50	Course

### **Objectives:**

- 1. To provide students a foundational understanding of digital marketing concepts, tools, and techniques
- 2. To develop the students with the importance of digital marketing in today's business landscape and its role in achieving organizational goals.

### **Learning Outcomes:** After learning this course, students will be able to

- 1. **Understand** the fundamental concepts of digital marketing, including, social media marketing, email marketing, and content marketing.
- 2. **Apply** the basic skills of planning and implementation in digital marketing strategies which is suitable for different business objectives.

Unit	Content
Ī	Foundation of Digital Marketing:
	Digital Marketing, Definition, and scope of digital marketing, Core Concepts of Digital Marketing:
	Search Engine Optimization (SEO), Online consumer behaviour. Legal and Ethical Considerations in
	Digital Marketing.
	Digital Marketing Strategy: Setting SMART objectives, Developing a digital marketing plan, Integration
	with traditional marketing strategies.
Ш	Digital Marketing Channels and Strategies
	Social Media Marketing (SMM): Social Media Marketing process, Social media platforms overview:
	Facebook, Instagram, Twitter, LinkedIn.
	Content Marketing: Content types Blog posts, videos, infographics. Email Marketing: Email campaign
	planning and execution.

- 1. **Digital Marketing: Strategy, Implementation and Practice** by Rajiv Batra, Tapan Panda, and Amarjeet Singh, published by Pearson Education India.
- 2. **Digital Marketing: A Practical Approach** by Harpreet Kaur, published by Oxford University Press India.
- 3. **Digital Marketing: Concepts and Strategies** by Bidyut Bikash Dhar and Debalina Chattopadhyay, published by McGraw Hill Education India.
- 4. **Digital Marketing: Strategy, Implementation and Practice in India** by Sameer Mathur and Rajiv Mathur, published by McGraw Hill Education India.
- 5. **Digital Marketing: An Indian Perspective** by Kannan P.K and Chitra S, published by Pearson Education India.

#### Semester - III

Hindi (BCABR 3.6.1)			
Teaching Hours: 30	Total Credits: 2	Total Marks:	Group: Ability
		35+15 = 50	Enhancement Courses

### **Course Objectives:**

- 1. To understand and appreciate the literary works in prose by renowned Hindi authors, focusing on their themes and messages.
- 2. To explore and comprehend the poetic expressions of various Hindi poets, delving into the emotions and ideas conveyed through their poems and develop practical skills in translation, advertisement writing, and business vocabulary enhancement in Hindi.

# पाठ्यक्रम का उद्देश्य:

- 1. प्रमुख हिंदी लेखकों द्वारा गद्य में विभिन्न कृतियों को समझना और मूलभूत विषयों और संदेशों पर ध्यान केंद्रित करना।
- 2. विभिन्न हिंदी कवियों द्वारा की गई कविताओं की कविताओं की व्याख्या करना और उनके कविताओं के माध्यम से व्यक्त की गई भावनाओं और विचारों को समझना और हिंदी में अनुवाद, विज्ञापन लेखन, और व्यावसायिक शब्दावली में सुधार के प्रायोगिक कौशल विकसित करना।

### Learning Outcomes: After learning this course, students will be able to -

- 1. **Analyze** and **interpret** the prose works of Dr. Abdul Kalam, Dr. Krishna Kumar Mishra, and Narayan Murthy, identifying the central themes and moral values conveyed in their writings.
- 2. **Analyze** the poems of Santosh Kumar Badal, Sohan Lal Dwivedi, and Methili Sharan Gupta, discerning the emotions, philosophies, and societal concerns expressed in their verses and **demonstrate** proficiency in translating texts from English to Hindi, crafting effective advertisements in Hindi, and expanding their business vocabulary in Hindi, facilitating communication in professional contexts.

# शिक्षा परिणाम: इस पाठ्यक्रम के अध्ययन के बाद, छात्र निम्नलिखित कार्य कर सकेंगे:

- 1. डॉ. अब्दुल कलाम, डॉ. कृष्ण कुमार मिश्र, और नारायण मूर्ति की गद्य रचनाओं का विश्लेषण और व्याख्या करके उनकी लेखनी में प्रमुख विषयों और नैतिक मूल्यों को पहचान सकेंगे।
- 2. संतोष कुमार बादल, सोहन लाल द्विवेदी, और मेथिली शरण गुप्ता की कविताओं का विश्लेषण करके, उनकी पंक्तियों में व्यक्त भावनाओं, दार्शनिकताओं, और सामाजिक चिंताओं को पहचान सकेंगे और अंग्रेजी से हिंदी में पाठों का अनुवाद करके, हिंदी में प्रभावी विज्ञापन बनाने, और हिंदी में व्यावसायिक शब्दावली का विस्तार करने में प्रवीण होंगे, जो व्यावसायिक संदर्भों में संचार को सुगम बनाएगा।

Unit	Content
I	गद्य भाग
साहित्यिक	🗲 शाश्वत जीवन मूल्य- अदम्य साहस — डॉ. अब्दुल कलाम
हिंदी	<ul> <li>जलवायु परिवर्तन तय करेगा धरती पार सभ्यता का भविष्य (निबंध) डॉ. कृष्ण कुमार मिश्र</li> </ul>
	🗲 उद्यमशीलता- बेहतर भारत बेहतर दुनिया – नारायण मूर्ति
	पद्य भाग
	\succ अवकाश - संतोष कुमार बादल
	🕨 लहरो से डरकर नौका पार नाही होती – सोहन लाल दिवेदी
	\succ मनुष्यता- मेथिली शरण गुप्त
II	🗲 अनुवाद: - अर्थ - परिभाषा, स्वरूप, अनुवादक के गुण, सफल अनुवाद की विशेषताएँ , अनुवाद प्रक्रिया, प्रकार।
व्यावहारिक	🗲 विज्ञापन लेखन - अर्थ - परिभाषा, गुण, लाभ , सावधानी आदि।
हिंदी	<ul><li>पारिभाषिक शब्दावली (वाणिज्य विषयक)</li></ul>
Books Rec	ommended:

# संदर्भ ग्रंथ :-

- अदम्य साहस डॉ. अब्दुल कलाम
   बेहतर भारत बेहतर दुनिया नारायण मूर्ति
   विज्ञापन के मुल तत्व :- डॉ. जयश्री जोशी , केलाश पुस्तक सदन , भोपाल
   मीडिया लेखन और अनुवाद विज्ञान : डॉ जगदीश शर्मा . डॉ धनबहादूर पाठक , हरीश प्रकाशन मंदिर



#### Semester - III

Marathi (BCABR 3.6.2)			
Teaching Hours: 30	Total Credits: 2	Total Marks:	Group: Ability
		35+15 = 50	Enhancement Courses

### **Course Objectives:**

- 1. To understand and appreciate the literary works in prose by renowned Marathi authors, focusing on their themes and messages.
- 2. To develop practical skills in internet usage in Marathi language, news editing, and business vocabulary enhancement in Marathi.

# पाठ्यक्रमाचे उद्देश्य:

- 1. प्रसिद्ध मराठी लेखकांच्या गद्य रचनांचा समजून आणि मूल्यांकन करणे, त्यांच्या विषय आणि संदेशांवर लक्ष केंद्रित करणे.
- 2. मराठी भाषेत इंटरनेट वापराचे कौशले विकसित करणे, बातम्या संपादन, आणि मराठीत व्यावसायिक शब्दकोश वाढवणे.

### Learning Outcomes: After learning this course, students will be able to -

- 1. **Analyze** and **interpret** the prose works of Dr. Abdul Kalam, Narayan Murthy, Shrinivas Thakur, discerning the central themes and moral values conveyed in their writings.
- 2. **Demonstrate** proficiency in using the internet in Marathi language, editing news content effectively, and expanding their business vocabulary in Marathi, facilitating communication in professional contexts.

# शिक्षण परिणाम: या पाठ्यक्रमाच्या अभ्यासानंतर विद्यार्थी खालील कार्ये करू शकतील:

- 1. डॉ. अब्दुल कलाम, नारायण मूर्ती, श्रीनिवास ठाकूर यांच्या गद्य रचनांचा विश्लेषण आणि व्याख्या करून, त्यांच्या लेखनांमध्ये अडचणी आणि मूल्यांकन करून, मुख्य थीम्स आणि नै<mark>तिक मूल्ये ओळखून त्यांची सम</mark>ज करण्यात विद्यार्थी सक्षम होतील.
- 2. मराठी भाषेत इंटरनेट वापराचे <mark>कौशले, बातम्या संपादन योग्यतेत</mark> दक्षता, आणि मराठीत व्यावसायिक शब्दांचे विस्तार करणे, यात्रेत व्यावसायिक संदर्भात संवाद सुचारूप बनवण्यात विद्यार्थी सक्षम होतील.

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Unit	Content 3
I	गद्य विभाग
साहित्यिक	🕨 शाश्वत जीवन मूल्य % एa पी <mark>जे अब्दुल कलाम</mark>
हिंदी	🕨 उद्योजकतेविषयी : नारायण मूर्ती
	🕨 नक्षत्रांचे देणे : श्रीनिवास ठाणेदार
	पद्य विभाग
	≻ पसायदान : संत ज्ञानेश्वर
	\succ दोन पर्याय दिलीप कुलकर्णी
	🕨 विश्वशांती दिनेश काळे
II	🗲 इंटरनेट आणि मराठी भाषा : डॉ.नंदिकशोर मोरे
व्यावहारिक	≻ वृत्त संपादन : प्रभाकर कोंडबत्तुनवार
हिंदी	<ul><li>पारिभाषिक शब्दावली (वाणिज्य विषयक)</li></ul>

### Books Recommended (संदर्भ ग्रंथ):

- १. शब्द साधना भाग -२
- २. अदम्य जिद्द : ए- पी- जे- अब्दुल कलाम
- ३. अ बेटर इंडिया अ बेटर वर्ल्ड : नारायण मूर्ती
- ४. सुगम मराठी व्याकरण व लेखन मो. रा. वाळम्बे
- ५. जाहिरातींचे जग : यशोदा भागवत , मौज प्रकाशन गृह , मुंबई

#### Semester - III

Physical Education – III (BCABR 3.8)			
Toaching Hours: 2	Total Credits: 2	Total Marks:	Group: Co-Curricular
Teaching Hours: 2	Total Credits: 2	35+15 = 50	Courses

### **Objectives:**

- 1) To understand and distinguish between skill-related and health-related physical fitness components.
- 2) To develop knowledge and practical skills in athletics, specifically in throwing events such as Shot Put, Discus Throw, and Javelin Throw.

### **Learning outcome:** After learning this course, students will be able to:

- 1) **Explain** the meaning and types of yogasanas, analyze their benefits, and evaluate their role in promoting physical and mental health. (Applying, Analyzing, Evaluating)
- 2) **Demonstrate** and practice specific asanas (such as Tadasana, Vrukshasana, Padmasana, Vajrasana, etc.) and relaxing asanas (Shavasana, Makarasana), and assess their impact on personal health and well-being. (Applying, Creating, Evaluating)

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Unit	Content
	Yogasana – Meaning, Types of Asanas, Benefits of Yogasana
Ξ	Asanas (Postures): Tadasana, Vrukshasana, Padmasana, Vajrasana, Adho Mukh Virasana, Bhadrasana,
	Uttanpadan, Naukasana (Supine), Paschimottanasana, Ardha Matsendrasana
	Relaxing Asanas: Shavasana, Makarasana

- 1. Iyengar, B.K.S. (2001). Light on Yoga. HarperCollins Publishers.
- 2. Saraswati, Swami Satyananda (2008). Asana Pranayama Mudra Bandha. Yoga Publications Trust.
- 3. **Desikachar, T.K.V. (1999).** *The Heart of Yoga: Developing a Personal Practice*. Inner Traditions.
- 4. Hatha Yoga Pradipika by Swami Muktibodhananda (2012). Yoga Publications Trust.
- 5. **Sivananda, Swami (2004).** The Complete Illustrated Book of Yoga. Three Rivers Press.

#### Semester - IV

Business Law (BCABR 4.1)			
Teaching Hours: 60	Total Credits: 4	Total Marks: 70 + 30 = 100	Group: Major Core

### **Objectives:**

- 1. To enable students to understand the basic mercantile law that governs contracts in India
- 2. To equip students with the knowledge of limited liability partnership as a way of business
- 3. To familiarize students with the concept of consumerism and the relevant consumer law
- 4. To provide students with an overview of the banking law in India.

### Learning Outcomes: After learning this course, students will be able to

- 1. **Remember** key provisions of Indian Contract Act and special contracts.
- 2. **Demonstrate** an understanding of Limited liability partnership and apply legal provisions for incorporating an LLP.
- 3. **Understand** and use the legal provisions available to consumers in India.
- 4. **Analyse** the banking structure and comment on the role of Banks

Unit	Content
ı	INDIAN CONTRACT ACT, 1872
	Essential elements of a valid contract, Capacity to contract, Performance of a contract, Discharge of
	contract, Remedies for breach of contract
	Contract of Indemnity – Definition, Rights of indemnity holder
	Contract of Guarantee – Definition, Rights of surety, Extent of Surety's liability
	Contract of Bailment – Definition, Kinds, Duties of Bailer and Bailee,
	Contract of Pledge – Definition, Rights and duties of Pawnor and Pawnee
II	Limited Liability Partnership Act, 2008 – Meaning and Nature of LLP, features of LLP, small LLP and
	its advantages, Key Highlights of LLP (Amendment) Act, 2021, Process of incorporation of LLP (with
	recent amendments), Registration of LLP and effect of registration, Provisions relating to name of LLP.
	Definition of partner, Qualification and disqualifications of becoming partner, designated partner,
	liability of partner. Conversion from Partnership firm into LLP – procedure for conversion.
III	Consumer Protection Act, 2019
	Definitions – Complaint, Complainant, Consumer, Person, Service, misleading advertisement,
	Deficiency in service, Unfair trade practices. Rights of consumers; Procedure to file complaint;
	Remedies available to consumers
	Consumer Protection Councils – Central, State and District Councils; Consumer Disputes
	Redressal machinery- District Forum, State Commission, National Commission- their jurisdiction.
	Relevant Case studies
IV	Banking Law
	Indian Banking Structure; Commercial banks, Functions of commercial banks; Effects of nationalization
	of commercial banks, RBI- Constitution, Management and Functions; Definition of banker and
	customer; Duties of a Banker; Relationship between banker and customer; rights of bankers, obligations of bankers
	Banking Regulation Act, 1949- Nature of the Act; Forms of business in which banking companies may
	engage; Reserve Fund; Cash reserve; Powers of RBI to give directions
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- 1. Business Laws, Kapoor N.D., Sultan Chand & Sons, New Delhi
- 2. **Business Laws,** Sushma Arora; Taxmann's (11<sup>th</sup> Edition)
- 3. A Manual of Business Laws, Dr S N Maheshwari; Himalaya Publishing House
- 4. Banking Law and Practice, E Gordon, K Natarajan

#### Semester - IV

Financial Accounting – II (BCABR 4.2)			
Teaching Hours: 60	Total Credits: 4	Total Marks: 70+30 =100	Group: Major Core

### Objective:

- 1. To understand the preparation of financial statements for joint stock companies in compliance with statutory provisions and analyze the impact of company law amendments on financial reporting.
- 2. To gain insight into the issuance, forfeiture, and re-issue of shares in companies, and develop proficiency in journalizing related transactions.
- 3. To comprehend the concept of profit prior to incorporation and its significance in financial reporting, and develop skills in allocating pre-incorporation and post-incorporation profits.
- 4. To understand the principles and practices of consignment accounting, including the roles of consignor and consignee, and develop the ability to prepare related journals and ledgers.

### **Learning Outcomes:** After learning this course, students will be able to –

by Consigner to Consignee.

- 1. **Interpret** and **apply** the provisions of the Companies Act, 2013, to prepare financial statements for joint stock companies and evaluate the implications of amendments on reporting practices.
- 2. **Demonstrate** the ability to analyze various methods of share issuance, record transactions related to share application, allotment, and calls, and journalize the forfeiture and re-issue of shares, considering different scenarios and effects on company capital.
- 3. **Differentiate** between pre-incorporation and post-incorporation profits, prepare trading and profit and loss accounts reflecting both types of profits, and apply appropriate allocation methods for expenses, analyzing the impact on financial statements.
- 4. **Demonstrate** proficiency in distinguishing consignment transactions from sales, preparing journals and ledgers for consignor and consignee, calculating various commissions, and valuing closing stock, considering factors such as damaged goods.

Unit	Content
ı	Final Accounts of Public and Private Limited Companies:
	Theory: Meaning of Joint Stock Company, Characteristics, Merits and Demerits, Statutory Provision
	regarding preparation of Companies Final Account as per Amended Companies Act, 2013, Provision
	for Interest on Debenture, Proposed Dividend, and Interim Dividend.
	Practical Problems: Preparation of Financial Statements as per Schedule III of the Companies Act,
	2013.
II	Issue and Forfeiture and Re-issue of Shares:
	<b>Theory:</b> Introduction of Company, Types of Company, types of share capital, Meaning and Methods
	of Issue of Shares, Meaning of Application, Allotment and Call on shares, Meaning of Forfeiture of
	shares and Re-issue of Forfeited shares
	Practical Problems: Preparation of Journal in the books of Company with the effect of Issuing shares
	at Par, Premium and Discount, Pro- rata method, Forfeiture of Shares and Re-issue of Forfeited Shares
Ш	Profit Prior to Incorporation:
	<b>Theory:</b> Meaning of Profit Prior to Incorporation, Need, Importance, Advantages and Disadvantages
	of Profit-Prior to Incorporation, Meaning of Standing Ratio and Sales Ratio, Meaning of Un-common
	Expenses. Basis of Allocation of Expenses.
	Practical Problems: Preparation of Trading and Profit and Loss Accounts Showing Pre-Incorporation
	and Post-Incorporation Profit.
IV	Consignment Account:
	<b>Theory:</b> Introduction and Meaning of Consignment, Objectives of Consignment, Advantages and

Disadvantages of Consignment, Difference between Consignment and Sale, Difference Between Consignment and Joint Venture, Role of Consigner and Consignee, Types of Various Commissions paid

**Practical Problems:** Preparation Journal and Ledgers in the books of Consigner and Consignee including invoice method, Calculation of loss on damaged goods and valuation of Closing Stock.

- 1. Financial Accounting, Paul, S. K, New Central Book Agency
- 2. Financial Accounting for Managers, Ghosh, T. P. Taxman Allied Service
- 3. Financial Accounting, Mohammed Hanif, Amitabh Mukherjee, S. Chand Publications
- 4. Financial Accounting, Dr. V. K. Goyal, Excel Books Publications
- 5. Financial Accounting, Jain S.P., Narang K.L., Kalyani Publishers, Delhi.
- 6. Financial Accounting, Grewal, Shukla, S. Chand (Sultan Chand Publications), Delhi



#### Semester - IV

Monetary Economics (BCABR 4.3.1)			
Teaching Hours: 60	Total Credits: 4	Total Marks: 70+30 =100	Group: Minor

### Objective:

- 1. To help students understand the basic concepts related to money and the importance of money in growth and welfare.
- 2. The core objective is to provide the students with an understanding of apex banking institution, commercial banks, modern digital banking systems and other financial institutions
- 3. To provide students with an understanding of the functioning of Development Banks, Cooperative societies, NBFCs, Payment Banks and Neo Banks
- 4. To enable the students to understand the working of macroeconomic fundamentals business cycles, inflation and deflation.

### **Learning Outcomes:** After learning this course, students will be able to –

income inequalities.

- 1. Understand the concepts of money, paper currency, methods of issue, Fisher's Quantity Theory, facilitating their ability to analyze their significance in economic contexts.
- 2. Correlate how changes in money supply can lead to changes in the dynamic economic system and analyze the measures taken by RBI to combat economic fluctuations
- 3. Classify the working of various banking institutions in the country and their functioning.
- 4. Evaluate parameters like National Income, Inflation, Deflation and Business Cycles to measure the

	efermence of conserve
	erformance of economy.
Unit	Content
ı	Money in Economics
	<ul> <li>Money - Meaning, Evolution of Money, Functions of Money</li> </ul>
	Paper Currency - Meaning, Merits, Demerits
	Methods of note issue - Fixed Fiduciary Method - Merits & Demerits, Proportionate Reserve
	Method - Merits & Demerits, Minimum Reserve Method - Merits & Demerits
	Fisher's Quantity Theory of Money and Criticism
Ш	Central Bank (Reserve Bank of India) and Commercial Banks
	<ul> <li>Reserve Bank of India - History, Meaning &amp; Functions,</li> </ul>
	Role of Central Bank in a Developing Economy
	Monetary Policy - Meaning, Objectives, Instruments of Monetary Policy in Credit Control by RBI,
	Recent Indian monetary policy trends
	<ul> <li>Indian Banking System - Introduction and Structure of Indian Banking System,</li> </ul>
	Commercial Banks - Meaning, Importance, Functions, Credit Creation by Commercial Banks,
	Banking schemes for Women.
	Non-Performing Assets - Concept, Causes, Consequences & Remedies
Ш	Various Banking Institutions
	Development Banks – NABARD, EXIM Bank: Meaning, Functions
	Cooperative Banks – Concept, functions
	NBFC – Concept, functions
	Payment Banks – Introduction, Concept, Functions
	Neo Banks – Introduction, Concept, Functions
IV	National Income
	National Income – Meaning and Concepts of GDP, NDP, GNP, NNP (at factor cost and market)
	price), Methods of Measurement of National Income, Limitations, National income is not a true
	indicator of welfare, Concept of Circular flow of national income, Impact of Growing global

Inflation – Meaning, Causes, Effects, Remedies, Recent trends in global inflation

- Deflation Meaning, Causes, Effects, Remedies.
- Business Cycle Meaning, Features, Phases, Financial crisis 2008

- 1. Financial Institutions and Markets, Agrawal & Gupta, Kalyani Publishers (2015).
- 2. Money, Banking, Trade & Public Finance, M. V. Vaish, New Age International Pvt. Ltd, Latest Edition.
- 3. Modern Banking, Vaish, M.C., Oxford & IBH Publishing Co., New Delhi.
- 4. Money, Banking and International Trade, K.P.M. Sundaram, Sultan Chand, New Delhi.
- **5. Money and Financial System,** P.K. Deshmukh, Phadke Prakashan.
- **6.** Modern Banking, Sayers, Oxford, Clarendon Press.



#### Semester - IV

Computer Fundamentals (BCABR 4.3.2)			
Teaching Hours: 60	Total Credits: 4	Total Marks: 70+30 = 100	Group: Minor

### Objective:

- 1. To understand the basic concepts of computer Organization and Architecture.
- 2. To analyze the interaction between hardware and software to optimize system performance
- 3. To explore on the operating system facilitates navigation through files and directories.
- 4. To apply the different protocols to transmit the data over the internet with the help of network.

### Learning Outcomes: After learning this course, students will be able to -

- 1. **Understand** the fundamentals of different components of computer with memory hierarchy.
- 2. **Analyze** the needs of hardware and software required for a computation task.
- 3. **Explore** different types of operating system with its functions.
- 4. **Apply** networking concept involves configuring Hardware and software to establish connections between devices.

Unit	Content
I	Computers: Basic Organization of Computer, Generation of Computer, Classification of Computer,
	Computer Organization and Architecture: Processor & Memory-Types of Processor, Memory Structure
	– Primary & Secondary, Input, Output Devices.
П	Computer Software and Hardware: Introduction, Types of Software & Hardware, Relationship
	between hardware, System Software & user, Computer languages:- Introduction, types, Translator,
	Linker, Loader, Assembler, Compiler, Interpreter.
Ш	Operating Systems: Introduction, History of operating systems, Functions of operating systems,
	Process management, Memory management, File management, Device management, Security
	management, Types of operating systems, Providing user interface, Popular operating systems.
IV	Network: Introduction, Data communication using modem, Computer network, Network topologies,
	Network protocol and software, Application of network.
	Internet:- Introduction, Evaluation & basic services of Internet, Uses of Internet, Search Engine,
	Introduction to Virus and its types.

- 1. Computer Fundamentals, P. K. Sinha, BPB Publication, New Delhi
- **2. Fundamentals of Computers,** E Balgurusamy

#### Semester - IV

Human Resource Management (BCABR 4.3.3)			
Teaching Hours: 60	Total Credits: 4	Total Marks: 70+30 = 100	Group: Minor

### Objective:

- 1. To acquaint students with the techniques and principles to manage human resource of an organization.
- 2. To learn the basic concepts and frameworks of human resource Management (HRM).
- 3. To understand the role of HR in an effective business administration.
- 4. To improves critical thinking skills of the students about HRM System as a tool for organizational success.

### Learning Outcomes: After learning this course, students will be able to -

- 1. **Understand** the Aspects of HRM in an organization.
- 2. **Analyze** the principles and theories underlying job design and Job Evaluation in enhancing employee motivation and performance.
- 3. **Examine** the impact of effective leadership perspectives on organizational performance.
- 4. **Understand** the purpose of Performance Appraisal and Identify Different Methods and Techniques of Performance Appraisal.

Unit	Content		
ı	Introduction to HRM: Meaning, Definition, Scope, Objectives, Functions and Importance of HRM, Role		
	of an HR Manager		
	Functions of Human Resource Planning: Introduction process of HRP; Recruitment - Definition,		
	sources & process; orientation; Selection- selection process, new tools & methods of selection,		
	interview, test & assessment of effectiveness of selecting tools; induction and placement.		
Ш	Job Design and Job Evaluation: Concept, objectives, limitations, importance; methods and		
	procedures. Competency approach to Job evaluation, Job design, job specification & role analysis,		
	factors affecting Job design, Techniques of Job Design. Cases & exercises to understand Job analysis		
Ш	Training & Development: Meaning, definition, importance, need, types (on-the-job and off-the-job		
	training), evaluation & effectiveness of training (with successful cases of training), TNA- Training Need		
	Analysis, task analysis, organizational analysis, Role of a Trainer.		
IV	Performance Appraisal: Nature, objectives and importance; Modern techniques of performance		
	appraisal; potential appraisal and employee counseling; job changes - transfers and promotions;		
	Compensation: concept and policies; job evaluation; methods of wage payments and incentive plans;		
	fringe benefits; performance linked compensation.		

- 1. Organizational Behavior: M. Parikh and R. Gupta, Tata McGraw Hill Education Pvt. Ltd.
- 2. Organizational Behavior: D. Nelson, J. C. Quick and P. Khandelwal, Cengage Publication.
- 3. Effective Leadership: Achua, Lussier, Cengage Publications
- 4. Leadership and Management: A. Chandramohan, Himalaya Publishing House
- 5. Leadership in Organization: Gary Yukl, Pearson Education
- 6. Team Building & Leadership: Bhargava & Bhargava, Himalaya Publishing House
- 7. Team Building & Leadership: Dr. D .K. Tripathi, Himalaya Publishing House
- **8. Leadership & Management Development; Developing Tomorrow's Manager:** Kevin Dalton, Pearson Education

#### Semester - IV

Indirect Taxes (BCABR 4.4.1)			
Tooching Hours: 20	Total Credits: 2	Total Marks:	Group: Generic/Open
Teaching Hours: 30	Total Credits: 2	35+15 = 50	Elective

### Objective:

- 1. To develop an understanding of the indirect tax structure in India, the need for introduction of GST and conceptual understanding about the provisions of GST law.
- 2. To acquire the ability to apply such provisions in practical scenario and familiarize the students with calculation of GST.

### Learning Outcomes: After learning this course, students will be able to -

- 1. **Understand** the dynamic nature of indirect taxation, under the scope and applicability of GST.
- 2. **Analyze** the taxable event under GST, compute the value of taxable supply and critically analyze the availment and utilization of ITC.

Unit	Content		
I	Introduction to Indirect Taxes:		
	Salient features of Indirect Taxes, need, importance and advantages (GST, Customs, Excise, VAT),		
	Concept of aggregate turnover. Persons liable for registration, persons not liable for registration,		
	procedure for registration & compulsory registration in certain cases.		
	Registration of GST: Determination of aggregate turnover and eligibility of a dealer for registration		
	under GST (Numerical Problems).		
Ш	Concept of Supply & ITC under GST:		
	Supply, Forms of supply & Consideration. (Theory)		
	ITC – Eligibility and conditions for taking ITC, Utilization of ITC, blocked credits.		
	Charge of GST-Inter-State & Intra-State supply, extent and commencement of GST Law.		
	Levy and collection of CGST & IGST (Sec.5 of IGGST and Sec.9 of CGST)		
	Computation of value of taxable supply and calculation of admissible ITC and utilization of ITC.		
	(Numerical Problems)		

- 1. Indirect Taxes Law & Practice, V. S. Datey, Taxmann Publications Pvt. Ltd. New Delhi
- 2. Students Guide to Indirect Taxes, CA Vineet Sodhani, Taxmann Publications
- 3. Taxation (Indirect Taxes), ICAI CA- Intermediate Study Module
- 4. Comprehensive Guide to Indirect Tax Laws, Yogendra Bangar
- 5. Systematic Approach to GST, Girish Ahuja & Ravi Gupta

#### Semester - IV

ESG Investing India (BCABR 4.4.2)			
Toaching Hours: 20	Total Credits: 2	Total Marks:	Group: Generic/Open
Teaching Hours: 30	Total Credits. 2	35+15 = 50	Elective

### Objective:

- 1. To make students aware about the concept of ESG Investing in India and its importance in the present-day world.
- 2. To make the students understand about the factors affecting ESG investing in India.

### **Learning Outcomes:** After learning this course, students will be able to –

- 1. Understand the concept of ESG Investing in India and its importance in the present-day world.
- 2. **Understand** the impact of ESG factors and apply them for investment considerations.

Unit	Content
1	Overview of ESG Investing in India:
•	Key concepts -ESG, definition of ESG investment and different approaches to ESG investing, responsible investment, socially responsible investment, sustainable investment, best-in-class investment, ethical/values-driven investment, thematic investment, green investment, social investment, shareholder engagement, corporate social responsibility and triple bottom line (TBL) accounting.  The key drivers and challenges for ESG integration among key stakeholders: asset owners, asset managers, fund promoters, financial services, policymakers and regulators, investees, government, civil society and academia.
П	Factors to ESG and their relationships:
"	Environment Factors: Relationships between business activities and environmental issues, impact of environmental factors on business strategies and policies.
	Social Factors: The relationships between business activities and social issues, including globalization;
	automation and artificial intelligence (AI); inequality and wealth creation; digital disruption, social
	media, and access education; changing demographics; urbanization; and religion. Impact of social
	factors on business strategies and policies.
	Governance Factors: Key characteristics of effective corporate governance, reporting and
	transparency; financial integrity and capital allocation; business ethics. Impact of governance factors
	on business strategies and policies.

- 1. **ESG Principles and Practice, ICSI Module**
- 2. Demystifying ESG Garima Dadhich, Ravi Raj Atrey; Taxmann (1st Edition 2024)
- 3. ESG matters How to Save the Planet, Empower People, and Outperform the Competition David Brown, Debra Brown (2021)

#### Semester - IV

Academic and Business Writing Skills (BCABR 4.5.1)			
Teaching Hours: 30	Total Credits: 2	Total Marks:	Group: Skills Enhancement
		35+15 = 50	Course

### Objective:

- 1. Develop essential skills in written communication for academic and business purposes, covering report writing, e-mail etiquette, and drafting official notices and agendas.
- 2. To enhance proficiency in written communication through the creation of press releases, news reports, summaries, and idea expansions.

### Learning Outcomes: After learning this course, students will be able to -

- 1. **Compose** various types of reports and e-mails following professional standards effectively and **Draft** clear and concise notices and agendas for official meetings.
- 2. Write engaging press releases and news reports adhering to journalistic standards, summarize information effectively within specified word limits and expand upon given ideas coherently and concisely.

Unit	Content
I	i) Report Writing- Sales Report, Progress Report, Market Survey Report, Feasibility Report
	ii) E-mail writing.
	iii) Drafting of notice and Ag <mark>enda of</mark> a meeting
Ш	i) Press Release (About the launch of a new product, service or thing)
	ii) News Report (About an event/happening)
	iii) Summarizing-Preci <mark>s wri</mark> ting (word limit 50-60 words)
	iv) Expansion of an Idea on the basis of given points (word limit 50-60 words)

- 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. Business Communication V. K. Jain & Omprakash Biyani (S. Chand)
- 5. Business Correspondence and Report Writing R.C. Sharma & Krishna Mohan (Tata McGraw-Hill)
- 6. **Developing Communication Skills Krishna Mohan & Meera Banerji (Macmillan)**

#### Semester - IV

Soft Skills (BCABR 4.5.2)			
Toaching Hours: 20	Total Credits: 2	Total Marks:	Group: Skills Enhancement
Teaching Hours: 30		35+15 = 50	Course

### Objective:

- 1. To develop essential skills in written communication for academic and business purposes, covering report writing, e-mail etiquette, and drafting official notices and agendas.
- 2. To enhance proficiency in written communication through the creation of press releases, news reports, summaries, and idea expansions.

### Learning Outcomes: After learning this course, students will be able to -

- 1. Effectively **compose** various types of reports and e-mails following professional standards and **Draft** clear and concise notices and agendas for official meetings.
- 2. Write engaging press releases and news reports adhering to journalistic standards, **Summarize** information effectively within specified word limits, **Expand** upon given ideas coherently and concisely.

Unit	Content
ı	i) Definition and types of Soft Skills.
	ii) Importance of Soft Skills for the job market.
	iii) Important Soft Skills for success.
II	i) Interpersonal Skills- Communication skills, team-work, motivation, dependability and problem-solving,
	confidence.
	ii) Emotional Intelligence Skills- Stress Management, task delegation, planning, problem solving, empathy,
	patience.
	iii) Leadership Skills-Accepting responsibility, Planning, delegation of work, crisis management, decision
	making, coordination, risk taking ability.

- 1. Soft Skills Personality Development for Life Success by Prashant Sharma; BPB Publications
- 2. Personality Development and Soft Skills by Shikha Kapoor; IK International

#### Semester - IV

Turning Point – A Journey through Challenges (BCABR 4.6)			
Tooching Hours: 20	Total Credits: 2	Total Marks:	Group: Ability
Teaching Hours: 30	Total Credits. 2	35+15 = 50	Enhancement Course

### Objective:

- 1. To facilitate students in understanding the significance of personal growth through self-reflection and learning from pivotal life experiences.
- 2. To cultivate leadership qualities and a sense of service towards the nation among students by studying exemplary leadership traits and contributions to society.

### **Learning Outcomes:** After learning this course, students will be able to –

- 1. Internalize the importance of self-reflection and introspection in personal development and identify and analyze significant turning points in Dr. A.P.J. Abdul Kalam's life, drawing lessons applicable to their own journeys.
- 2. Recognize and appreciate the qualities of interactive leadership demonstrated by Dr. A.P.J. Abdul Kalam and reflect on their own potential contributions to the nation and society, inspired by Dr. Kalam's dedication and service.

Unit		Content		
I	i)	When Can I Sing a Song of India?		
	ii)	My Ninth Lecture at Anna University		
	iii)	Seven Turning Points of my Life		
II	i)	The Interactive President		
	ii)	What Can I give to the Nation?		
	iii)	Learning from Others E		
Rooks	Poco	mmondod:		

1. Turning Points – A Journey through Challenges by Dr. A. P. J. Abdul Kalam

#### Semester - IV

Physical Education – IV (BCABR 4.8)			
Teaching Hours: 2	Total Credits: 2	Total Marks:	Group: Co-Curricular
reaching hours. 2		35+15 = 50	Courses

### **Objectives:**

- 1) To provide students with an understanding of the concept and benefits of yogasana, pranayama, meditation, and Suryanamaskar.
- 2) To enable students to learn and practice various pranayama techniques, meditation practices, and the sequence of Suryanamaskar.

**Learning outcome:** After learning this course, students will be able to:

- 1) Explain the meaning and benefits of pranayama, meditation, and Suryanamaskar, and integrate these practices into their daily routine for overall well-being. (Understanding, Applying)
- 2) Demonstrate and practice different types of pranayama (Anulom Vilom, Shitkari, Shitli, Bhramari), perform Om chanting, and execute the 12 poses of Suryanamaskar accurately, while evaluating their effects on respiratory health, mental focus, relaxation, physical fitness, and flexibility. (Applying, Analyzing, Evaluating)

Unit	Content
I	Yogasana - Meaning and Benefits of Pranayama, Meditation and Suryanamaskar (12 poses)
Ш	Pranayama: Types of Pranayama (Anulom Vilom, Shitkari, Shitli, Bhramari)
	Meditation: Om Chanting
	Suryanamaskar: 12 Poses of Suryanamaskar

- 1. **Iyengar, B.K.S. (2001).** *Light on Yoga*. HarperCollins Publishers.
- 2. Saraswati, Swami Satyananda (2008). Asana Pranayama Mudra Bandha. Yoga Publications Trust.
- 3. Sivananda, Swami (2004). The Complete Illustrated Book of Yoga. Three Rivers Press.
- 4. Vasudevan, M. (2015). Yoga for Health and Peace. Khel Sahitya Kendra.
- 5. **Desai, R.S. (2010).** Yoga and Meditation: A Holistic Approach to Perfect Homeostasis. Sports Publication.