

MAA MANIKESHWARI UNIVERSITY
ମା ମାଣିକେଶ୍ଵରୀ ବିଶ୍ଵବିଦ୍ୟାଳୟ
माँ माणिकेश्वरी विश्वविद्यालय
(Erstwhile : Kalahandi University)
Manikya Vihar, Bhawanipatna, Kalahandi, Odisha



MODEL CURRICULUM FOR UG DEGREE IN BACHELOR OF
BUSINESS ADMINISTRATION (BBA)

BASED ON NEP-2020

2024-25 to 2026-

27

Subans Mishra
6/08/2026

Srinibash Dash

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06/08/2026

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06/08/2026
(Dr. Rohita K. Mishra)

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Program Objectives

1. To exhibit factual and theoretical knowledge of management in general and business in particular to critically evaluate and analyse Indian and global business environments with ability to apply learning in different contexts.
2. Learner to imagine their role as a manager, entrepreneur and a leader in a business management context and ability to integrate with their positive contribution for the national interest first and also to be a responsible global citizen.
3. To be an effective communicator to present opinions, ideas based on critical thinking, analysis and logical reasoning.
4. To nurture an ability to articulate a business environment with clarity and mindfulness.
5. Exhibit ability to own roles and responsibilities with commitment, as members of multi-cultural team and communities in cross-cultural contexts and diversity management.
6. To conduct and demonstrate professional and ethical behaviour.
7. To develop as an effective and emotionally intelligent leader and a decision maker who has an acumen to influence and motivate teams.
8. To develop an ability to solve problems and provide solutions and facilitate informed decision making.
9. To build research skills to cultivate an in-depth understanding of Indian and Global Business Environment.

Program Outcomes

At the end of First Year: Under Graduate Certificate in Business Administration

1. To conceptualize and appreciate theoretical knowledge of management domain.
2. To appreciate the importance of effective communication skills in presenting opinions and ideas.
3. To nurture an ability to articulate a business environment
4. To identify a problem with the help of data and logical thinking

At the end of Second Year: Under Graduate Diploma in Business Administration

1. To describe the theoretical domain knowledge along with the managerial skills
2. To develop effective communication skills and logical thinking.
3. To learn and demonstrate professional conduct.
4. To appreciate the importance of group work culture.
5. To develop an ability to innovate and creative thinking.

At the end of Third Year: Bachelor in Business Administration (BBA)

1. To exhibit factual and theoretical knowledge of management in general and business in particular.
2. To critically evaluate and analyze Indian and global business environments in different contexts.
3. To recognize their role as a manager, entrepreneur and a leader in a business management
4. To be an effective communicator to present opinions, ideas based on critical thinking, analysis and logical reasoning.
5. To conduct and demonstrate professional and ethical behaviour.

At the fourth Year: Bachelor in Business Administration with Honours: BBA (Honours) and Bachelor in Business Administration Honours with Research: BBA (Honours with Research)

1. To exhibit factual and theoretical knowledge of management in general and business in particular to critically evaluate and analyse Indian and global business environments with ability to apply learning in different contexts.
2. To nurture an ability to articulate a business environment with clarity and mindfulness.
3. To exhibit ability to own roles and responsibilities with commitment, as members of multi-cultural team and communities in cross-cultural contexts and diversity

management.

4. To be an effective and emotionally intelligent leader and a decision maker who has

- an acumen to influence and motivate teams.
- To develop an ability to solve problems and provide solutions and facilitate informed decision making.
 - To promote research skills to conduct in-depth study of the understanding of Indian and Global Business Environment.

GENERAL COURSE STRUCTURE & THEME

A. Definition of Credit:

1 Hr. Lecture (L) per week	1 Credit
1 Hr. Tutorial (T) per week	1 Credit
1 Hr. Practical (P) per week	0.5 Credit
2 Hours Practical (P) per week	1 Credit

B. Course code and definition:

Course code	Definitions
L	Lecture
T	Tutorial
P	Practical
CC	Core Courses
AEC	Ability Enhancement Courses
MDE	Multi-Disciplinary Elective course
VAC	Value added Courses
SEC	Skill Enhancement courses
DSE	Discipline Specific Elective
OE	Open Elective

Course Name: Bachelor in Business Administration, Bachelor in Business Administration (Honours) and Bachelor in Business Administration (Honours with Research)

Course Level/Duration/System:

Undergraduate / Three or Four years/6 or 8 Semesters with multiple entry and exit. The following option will be made available to the students joining BBA Research Program:

- One year:** Under Graduate Certificate in Business Administration
- Two years:** Under Graduate Diploma in Business Administration
- Three years:** Bachelor in Business Administration (BBA)
- Four years:** Bachelor in Business Administration with Honours: BBA (Honours) and Bachelor in Business Administration Honours with Research: BBA (Honours with Research)

Minimum Eligibility Criteria :

Minimum eligibility criteria for opting the course in the fourth year will be as follows:

1. **BBA (Honours with Research):** Minimum 75% marks or equivalent CGPA in BBA Degree up to Sixth Semester.

2. For BBA (Honours): BBA Degree

Note : The students who are eligible for BBA (Honours with Research) shall have choice to pursue either BBA (Honours) or BBA (Honours with Research).

SEMESTER WISE CREDIT DISTRIBUTION :

SEMESTER WISE CREDIT DISTRIBUTION OF PROPOSED BBA [BBA (HONOURS) AND BBA (HONOURS WITH RESEARCH)] PROGRAM:

Semester	Core Courses	Ability Enhancement Courses	Multi-Disciplinary Elective course	Value added Courses	Skill Enhancement courses	Discipline Specific Elective	Total
I	12	4	2	2	-	-	20
II	12	2	2	2	2	-	20
III	12	-	2	2	4	-	20
IV	16	-	-	2	2	-	20
V	8	-	-	-	4	8	20
VI	6	-	-	-	6	8	20
BBA (Honours)							
VII	4		4		4	8	20
VIII					8	12	20
BBA (Honours with Research)							
VII	12					8	20
VIII	20						20

Category- wise distribution*

Description	Core Courses	Ability Enhancement Courses	Multi-Disciplinary Elective course	Value added Courses	Skill Enhancement courses	Discipline Specific Elective	Total
BBA	66	6	6	8	18	16	120
BBA (Honours)	70	6	10	8	30	36	160
BBA (Honours with Research)	98	6	6	8	18	24	160

3 Years BBA Program	Total Credits = 120
4 Years BBA (Honours) and BBA (Honours with Research)	Total Credits = 160

Note: Students can take extra credit course from their own department or from other department as per the Admitting Body / University norms

Mapping of Marks to Grades

Each course (Theory/Practical) is to be assigned 100 marks, irrespective of the number of credits, and the mapping of marks to grades may be done as per the following table:

Range of Marks	Assigned Grade
91-100	AA/A ⁺
81-90	AB/A
71-80	BB/B ⁺
61-70	BC/B
51-60	CC/C ⁺
46-50	CD/C
40-45	DD/D
< 40	FF/F (Fail due to less marks)
-	F ^R (Fail due to shortage of attendance and therefore, to repeat the course)

**16.2 Distribution of Marks in Semester End and Continuous Evaluation:
(Irrespective of credit in a course/Paper)**

Course Type	Maximum Marks	Semester-End theory Mark	Continues Evaluation Marks /Sessional	Mid Semester theory Mark	Semester-End and Practical mark	Mid Semester Practical Mark
Without Practical	100	60	20	20	---	--
With Practical	100	50	10	10	20	10

16.3 Distribution of Sessional Marks:

College shall preserve all records of Sessional Examination.

Course Type	Maximum Mark	Mid Semester	Attendance	Surprise Test/Quiz	Assignment/Presentation
Without Practical	40	20	Above 95%- 5 Marks	10	05
With Practical	30	(Theory 10 + Practical 10)=20	85%-94%- 4 Marks 75%-84%- 3 Marks	05	Nil

17 Examination Question Pattern of Term End Examination:

The term end theory examination shall be for 100 marks of three hour's duration, the weightage shall be 50 with practical and 60 without practical.

Question Pattern		With Practical	Without Practical
Part-I –Objective	Answer in MCQ /One word /Sentence. (All are Compulsory)	1x10=10	1x10=10
Part-II- Very Short Type	Answer maximum 50 words (All are Compulsory)	2x9=18	2x9=18
Part-III- Short Type	Answer maximum 250 words Answer any 8 out of 10 questions	5x8=40	5x8=40
Part-IV- Long Type	Answer maximum 800 words Answer any 4 out of 5 questions	8x4=32	8x4=32
Total		100	100
For Practical Paper		One Major Experiment-10 Record- 05 Viva voce-05	-----

Semester wise Structure and Curriculum for UG Course in BBA

SEMESTER - I

SEMESTER – I						
S. No.	Course Code	Course Title	L	T	P	Credit
3 WEEKS COMPULSORY INDUCTION PROGRAM (UHV-I)						
1	CC101	Principles and Practices of Management	3	1	0	4
2	AEC101	Business Communication-I	1	1	0	2
3	CC102	Financial accounting	3	1	0	4
4	CC103	Business Statistics and Logic	3	1	0	4
5	AEC102	General English	1	1	0	2
6	MDE101	Indian Knowledge System (Indian Culture and Civilization)	2	0	0	2
7	VAC101	Environmental Science and sustainability	2	0	0	2
8	AEC103	Hindi (1-1-0) [Optional course]*	1	1	0	0*
TOTAL						20

Note: ^Indian Knowledge System: Indian Culture and Civilization Indian Vision for Human Society Indian Science Indian Town Planning and Architecture Indian Mathematics and Astronomy Indian Aesthetics Indian Health, Wellness

*Indian Languages: Sanskrit/Hindi/All Regional languages Foreign Languages: Spanish/German/French/Korean/Mandarin

SEMESTER II

S. No.	Course Code	Course Title	L	T	P	Credit
1	CC201	Human Behaviour and Organization	3	1	0	4
2	CC202	Marketing Management	3	1	0	4
3	CC203	Business Economics	3	1	0	4
4	SEC201	Emerging Technologies and application	1	0	2	2
5	MDE201	Media Literacy and Critical Thinking	1	1	0	2
6	VAC201	Indian Constitution	2	0	0	2
7	AEC201	Business Communication-II	1	1	0	2

8	AEC202	Sanskrit (1-1-0) [optional course]*	1	1	0	0*
TOTAL						20

Note: *Indian Languages: Sanskrit/Hindi/All Regional languages

Foreign Languages: Spanish/German/French/Korean/Mandarin

After Year 1, Students are advised to take Social Responsibility & Community Engagement - encompassing Community Engagement with an NGO in the vacation time.

An UNDER GRADUATE CERTIFICATE IN BUSINESS ADMINISTRATION will be awarded, if a student wishes to exit at the end of First year. [Exit](#)

Criteria after First Year of BBA Programme

The students shall have an option to exit after 1st year of Business Administration Program and will be awarded with a **UG Certificate in Business Administration**. Students on exit have to compulsorily complete additional 04 Credits either in a Skill based subject or work based Vocational Course offered during summer term or Internship/Apprentice- ship / Social Responsibility & Community Engagement – encompassing community engagement with an NGO after the second semester of minimum 08 weeks of duration as decided by the respective University / Admitting Body.

The exiting students will clear the subject / submit the Internship Report as per the University schedule.

Re-entry Criteria in to Second Year (Third Semester)

The student who takes an exit after one year with an award of certificate may be allowed to re-enter in to Third Semester for completion of the BBA Program as per the respective University /Admitting Body schedule after earning requisite credits in the First year.

SEMESTER III

S. No.	Course Code	Course Title	L	T	P	Credit
1	CC301	Cost and Management Accounting	3	1	0	4
2	CC302	Legal and Ethical issues in business	3	1	0	4
3	CC303	Human Resource Management	3	1	0	4
4	MDE301	Indian Systems of Health and Wellness	1	1	0	2
5	SEC301	Management Information System (MIS)	2	0	4	4
6	VAC301	Yoga/Sports/NSS/NCC	0	0	4	2
TOTAL						20

SEMESTER IV

S. No.	Course Code	Course Title	L	T	P	Credit
1	CC401	Entrepreneurship and Startup Ecosystem	1	1	0	2
2	CC402	Operations Management	3	1	0	4
3	CC403	Financial Management	3	1	0	4
4	CC404	Business Research methodology	3	1	0	4
5	VAC401	Business environment and public policy	2	0	0	2
6	CC405	International Business	2	0	0	2
7	SEC401	Design Thinking and Innovation	1	1	0	2
TOTAL						20

Note:

1. At the end of the Fourth Semester every student shall undergo Summer Training / Internship / Capstone for Eight Weeks in the industry/Research or Academic Institute. This component will be evaluated during the fifth semester.
2. An **UNDER GRADUATE DIPLOMA IN BUSINESS ADMINISTRATION** will be awarded, if a student wishes to exit at the end of Second year.

Exit Criteria after Second Year of BBA Programme

The students shall have an option to exit after 2nd year of Business Administration Program and will be awarded with a **UG Diploma in Business Administration**. Students on exit have to compulsorily complete additional 04 Credits either in a Skill based subject or work based Vocational Course offered during summer term or Internship/Apprenticeship / Social Responsibility & Community Engagement – encompassing community engagement with an NGO / Capstone Project after the fourth semester of minimum 8 weeks of duration as decided by the respective University / Admitting Body.

The exiting students will clear the subject / submit the Internship Report as per the University / Admitting Body schedule.

Re-entry Criteria in to Third Year (Fifth Semester)

The student who takes an exit after second year with an award of Diploma may be allowed to re-enter in to fifth Semester for completion of the BBA Program as per the respective University / Admitting Body schedule after earning requisite credits in the Second year.

SEMESTER V

S. No.	Course Code	Course Title	L	T	P	Credit
1	CC501	Strategic Management	3	1	0	4
2	CC502	Logistics and Supply Chain Management	3	1	0	4
3	DSE501	Investment Analysis & Portfolio Management	3	1	0	4
4	DSE502	Retail Marketing	3	1	0	4
5	SEC501	Internship/capstone Project (refer Appendix -4)	-	-	-	4
6	SEC502	Major Project [evaluation in sixth semester (refer Appendix -5)	-	-	-	0
7	DSE-AUD-01	Environment, Social and Government (ESG)	3	1	0	0
8	VAC501	Artificial Intelligence	3	0	0	3
TOTAL						23

Note: Discipline Elective in Finance/ Marketing/ HR/Business Analytics/Family Business/Entrepreneurship/S s / Tourism and Travel Management

L-T-P for Discipline Electives depends on the subject that the University offers

*** Additional DSE as an Audit Course (Non Credit but compulsory) can be opted by the student.**

SEMESTER VI

S. No.	Course Code	Course Title	L	T	P	Credit
1	CC601	Project Management	3	1	0	4
2	CC602	Business Taxation	2	0	0	2
3	DSE601	Training & Development	3	1	0	4
4	DSE602	International Trade Policy & Strategy	3	1	0	4
5	SEC601	Corporate Governance	2	0	0	2

6	SEC602	Major Project [Initiated in 5 th Semester] (refer Appendix -5)	-	-	-	4
7	DSE-AUD-02	Disaster Management	3	1	0	0
TOTAL						20

Note: 1) Discipline Elective in Finance/ Marketing/ HR/Business Analytics/

Family Business/Entrepreneurship/ Sports /Tourism and Travel Management

2) L-T-P for Discipline Electives depends on the subject that the University offers

***Additional DSE as an Audit Course (Non Credit but compulsory) can be opted by the student.**

Note:

1. BACHELOR IN BUSINESS ADMINISTRATION Degree will be awarded, if a student wishes to exit at the end of Third year.

Exit Criteria after Third Year of BBA Programme

The students shall have an option to exit after 3rd year of Business Administration Program and will be awarded with a Bachelor's in Business Administration.

Re-entry Criteria in to Fourth Year (Seventh Semester)

The student who takes an exit after third year with an award of BBA may be allowed to re-enter in to Seventh Semester for completion of the BBA (Honours) or BA (Honours with Research) Program as per the respective University / Admitting Body schedule after earning requisite credits in the Third year.

Minimum eligibility criteria for opting the course in the fourth year will be as follows:

1. **BBA (Honours with Research):** Minimum 75% marks or equivalent CGPA in BBA Degree up to Sixth Semester.
2. **For BBA (Honours):** BBA Degree

List of Discipline Specific Elective [It's indicative, University / Institute can add as per the requirements]

S.No	Finance	Marketing	Human Resource Management	Business Analytics	International Business	Supply chain Management
1	International Financial Management	Consumer Behaviour	HRD –Systems & Strategies	Data Analytics using R /Python	International Trade Policy & Strategy	Operations Strategy
2	Banking and Insurance	Sales Marketing	Change Management and Organizational Development	Data Visualization using tableau / Powerbi	Global Business Environment	Management Decision Models
3	Financial Markets Products and Services	Retail Marketing	Training & Development	Marketing Analytics	Transnational & Cross cultural Marketing	Quality Management and Business Process Improvement
4	Investment Analysis & Portfolio Management	Marketing of Services	Performance & Compensation Management	Finance Analytics	International Supply Chain Mgmt	International Supply Chain
5	Business Analysis & Valuation	Digital Marketing	Negotiation Skills	HR Analytics	International Accounting & Reporting Sys- tem	Project Management
6	Financial Planning	Supply- Chain Management	Cross Culture HRM	Social Media & Web Analytics	International Ventures, Mergers & Acquisitions	Supply Chain Analytics
7	Behavioral Finance (Neuro Finance)	International Marketing	HR Analytics		EXIM Policy and documentation	Inventory Management
8	Financial Derivatives	Rural Marketing	Team Building in the organizations			Logistics & Distribution Management
9	Strategic Corporate Finance	Neuro- Marketing	Behavioral testing and training for employee retention.			
10	Financial Modelling	B2B Marketing	Talent acqui- sition and management			
11	Financial Analytics	Integrated Marketing Communication	Compensation management			
12	Direct Tax		Employee Life Cycle Management			
13	Sustainable Finance		Coaching & Mentoring			

SEMESTER –I

Principles and Practices of Management

CC101	Principles and Practices of Management	4L:0T:0P	4Credits
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Course Description:

This course introduces the student to the key aspects of management -planning, organizing, leading, and controlling by integrating both classical and contemporary management practices. Through case studies, interactive sessions, and practical exercises, students will learn to apply these principles to real-world scenarios that will prepare them for leadership roles in diverse organizational settings. The goal is to equip students with the tools and insights necessary to manage effectively and drive organizational success.

Course Objectives:

1. To understand the basic concepts, principles, and theories of management.
2. To examine the essential functions of managers.
3. To analyze the impact of globalization, diversity, and ethics on management.
4. To develop skills in strategic planning, decision-making, and leadership.

Course Content:

Unit 1: Introduction to Management

Definition, nature, and significance of management, principles of management, management and administration, levels of management, role of managers and managerial skills; Evolution of management thought: Classical, Behavioral, Quantitative, Systems, Contingency and Modern approaches; Management as a science and an art; Functions of management: Planning, organizing, leading, and controlling

Unit 2: Planning, Organizing and Staffing

Nature, Importance and Purpose of planning in management; Types of plans: Strategic, tactical, operational ; Planning process and techniques ; Decision- making- Importance and steps, decision making models and tools; Organizational structure and design; types of organizational structures: Functional, divisional, matrix; Authority, responsibility, and delegation, Centralization Vs Decentralization of authority and

responsibility – Span of Control; Coordination and integration, MBO and MBE; Nature and Importance of staffing – Process of selection and recruitment

Unit 3: Leading, Directing and Controlling

Meaning and nature of directing, Leadership theories (trait, behavioral, contingency, participative, charismatic, transformational, level-5 leader), Motivation theories and practices (Maslow, Herzberg two factor, McGregor's theory x & theory y), Hawthorne effect, Communication (meaning and importance) in management, Team building and group dynamics; Controlling-meaning and steps in controlling, control process and systems, essentials of sound control system, methods of establishing control, types of control; Performance measurement and management.

Unit 4: Strategic Management, Ethics and Social Responsibility

Overview of strategic management, SWOT analysis and strategic formulation, Implementing and evaluating strategies. Ethical issues in management, Corporate social responsibility (CSR), Sustainable management practices.

Text Books (Latest Editions):

1. Rao, V. S. P. Management Principles and Applications. Taxmann Publications.
2. Bright, D. et al. Principles of Management. OpenStax Textbooks, Houston
3. Kapoor, Premvir, Principles of Management, Khanna Book Publishing.
4. Jones, G. R., and George, J. M. Essentials of contemporary management. New York, NY: McGraw-Hill Education.
5. Robbins, S. P. & Coulter, M. A. Management. Pearson.

References:

1. Indian Business Rising: The Contemporary Indian Way of Conducting Business-And How It Can Help You Improve Your Business | Harvard Business Review Press | 5813BC-PDF-ENG | <https://hbsp.harvard.edu/product/5813BC-PDF-ENG>

Reflective Exercises and Cases:

1. *Entrepreneurial Leadership in Forming High Tech Enclaves: Lessons from the Government of Andhra* | F. Warren McFarlan, Espen Andersen, Ramiro Montealegre | Harvard Business School | 308079-PDF-ENG | <https://hbsp.harvard.edu/product/308079-PDF-ENG?>
2. *ATH Technologies* by Robert Simons and Jennifer Packard <https://www.hbs.edu/faculty/Pages/item.aspx?num=52711>

3. Article review and discussion:

Application of Ancient Indian Philosophy in Modern Management

(http://www.irdindia.in/journal/ijrdmr/pdf/vol5_iss4/8.pdf)

4. *Review of Lincoln Electric Co. by Norman Berg.*
5. *Review of Hawthorne case.*
6. Leadership Lessons from India | Peter Cappelli, Harbir Singh, Jitendra V. Singh, Michael Useem | Harvard Business Review | R1003G-PDF-ENG | <https://hbsp.harvard.edu/product/R1003G-PDF-ENG?>
7. *Traditional Way of Learning Ayurveda and Practising It: A Dialogue with Vaidya Bhaskarbhai Hardikar | Mukund Dixit, Sanjay Verma | IIM Ahmedabad | A00135-PDF-ENG | <https://hbsp.harvard.edu/product/A00135-PDF-ENG?>*
8. *Forest Essentials: Demystifying India's Luxury Ayurveda Brand | Veena Vohra, Seema Khanvilkar | Ivey Publishing | W28410-PDF-ENG | <https://hbsp.harvard.edu/product/W28410-PDF-ENG?>*
9. Atijeevan Foundation: Transforming Scars into Strength | Shubham Sharma, Satyendra C Pandey | Ivey Publishing | W36939-PDF-ENG | <https://hbsp.harvard.edu/product/W36939-PDF-ENG?>
10. *How Do Great Leaders Overcome Adversity? By Mayo (2024) <https://hbswk.hbs.edu/item/cold-call-how-do-great-leaders-overcome-adversity>*
11. *Leadership principles from Hindu scriptures (<https://blog.hua.edu/blog/leadership-principles-from-hindu-scriptures>)*
12. 5 Principles of Purposeful Leadership | Hubert Joly | Harvard Business Review | H06YSB-PDF-ENG | <https://hbsp.harvard.edu/product/H06YSB-PDF-ENG?>
13. Bharti Airtel (A) | C.K. Prahalad, M.S. Krishnan, Sheel Mohnot | WDI Publishing | W88C34-PDF-ENG | <https://hbsp.harvard.edu/product/W88C34-PDF-ENG?>
http://www.ibscdc.org/Case_Studies/Leadership/Leadership%2C_Organizational_Change_and_CEOs/LDS0028.htm

Course Outcomes:

1. Demonstrate how management principles are used to solve practical business problems
2. Compare and contrast different management theories and their effectiveness in various organizational contexts
3. Design a management strategy for a hypothetical or real organization using a mix of management theories and practices
4. Propose innovative management solutions to enhance efficiency and effectiveness in given business scenarios.

AEC101	Business Communication-I	1L:1T:0P	2 Credits
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Course Description:

This course focuses on bringing in perspective the importance of Business Communication for organizations and individual employees in the context of multicultural workforce in a digital world. The course will focus on instilling effective communication skills in students for organizational set up. The course will be taught using texts, cases and classroom exercises for improving both written and oral communication in students.

Course Objectives:

1. To understand the concept, process, and importance of Business Communication.
2. To help students in understanding the basic principles and techniques of business communication.
3. To train students to acquire and master written communication for the corporate world.
4. To sensitize students to understand Business Communication in Global and Cross-Cultural context.

Course Content:

Unit 1: Introduction to Communication in Organizations

Introduction to Business Environment and Communication, Models of communication, Basics of Communication (types, channels and barriers), 7Cs of communication, Formal and informal communication, Listening Skills, communication on social media platforms.

Unit 2: Written Communication

Planning and executing different types of messages, emails, formal letters (Planning & Layout of Business Letter) and informal messages on e-platforms, negative messages: indirect & direct negative messages; Persuasive messages, request letters to various stakeholders, Sales Letters, Complaint & Follow up Letters, Promotion Letters, Job application Letters, cover letters, resume, Resignation Letters.

Unit 3 - Interpersonal Communication

Team communication, managing communication during online meeting, communication with virtual team, communication in gig economy; Presentation skills (Verbal and non-verbal); Powerpoint presentation skills; Infographics, introduction to contemporary alternatives (such as- Prezi, Visme, Microsoft Sway, Zoho)

Unit 4 - Digital Communication

Social media and individual, social media & organizations, Media Literacy; Strong

Digital communication skills – email, instant messaging, video conferencing, e-meetings, Digital collaboration, digital citizenship –digital etiquettes & responsibilities; introduction to personal and organizational websites.

Text Books (Latest Editions):

1. AICTE's Prescribed – Communication Skills in English, Khanna Book Publishing.
2. Lesikar, R.V. & M.E. Flatley, "Business Communication: Connecting in a Digital World", McGraw-Hill Education.
3. Murphy, H. A., Hildebrandt, H. & Thomas, J.P., Effective Business Communication. McGraw Hill.
4. Mukerjee H. S., Business Communication: Connecting at Work. Oxford Publication
5. Boove, C.L., Thill, J. V. & Raina, R. L, Business Communication Today, Pearson.

References:

1. Rao, M. T. (2023) Minor Hints: Lectures Delivered to H.H. the Maharaja Gaekwar, Sayaji Rao III. Gyan Publishing
2. Getting Ready for the Real World: HBR, 2020: The Science of Strong Business Writing.
<https://hbr.org/2021/07/the-science-of-strong-business-writing>

Reflective Exercises and Cases:

1. Review of Bharat Muni's Natya Shastra (Rasa, Sahridayata & Sadharanikaran)
2. Preparing on curriculum vitae/resume and cover letter
3. Reading of annual reports
4. The Future of Internal Communication | Rita Linjuan Men, Shannon A. Bowen | Business Expert Press | BEP336-PDF-ENG |
<https://hbsp.harvard.edu/product/BEP336-PDF-ENG>
5. Change Management and Internal Communication | Rita Linjuan Men, Shannon A. Bowen | Business Expert Press | BEP334-PDF-ENG |
<https://hbsp.harvard.edu/product/BEP334-PDF-ENG>
6. Lighting the Fire: Crafting and Delivering Broadly Inspiring Messages | Tsedal Neeley, Tom Ryder | Harvard Business School | 416046-PDF-ENG |
<https://hbsp.harvard.edu/product/416046-PDF-ENG?>
7. Bad Writing Is Destroying Your Company's Productivity (2016) by Josh Bernoff
<https://hbr.org/2016/09/bad-writing-is-destroying-your-companys-productivity>
8. Students are expected to display proficiency in writing the following Business Communication (and be evaluated for internal assessment): Persuasive Letters, Promotion letters and cover Letters; Prepare Elevator Pitch

Course Outcomes:

1. Apply the skills of effective letter writing and be able to create various kinds of Business letters.

2. Understand various barriers to communication and apply pre-emptive

measures, including feedback, to minimize the same.

3. Students shall be able to effectively analyze and evaluate various kinds of business correspondence and e-correspondence.
4. Able to present in front of audience with confidence and expertise.

CC102	Financial Accounting	4L:0T:0P	4 Credits
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Course Description:

This course intends to introduce basic accounting principles and practices. The students will have knowledge about the fundamental accounting processes such as journalizing, ledger posting, preparation of trial balance and final accounts in sole trading and company form of business. It also deals with providing an overview of accounting standards on sustainability accounting as value creation for business.

Course Objectives:

1. To provide an understanding of application of various principles and practice of Accounting.
2. To demonstrate the knowledge on the process of accounting cycle and basic steps involved in Accounting.
3. To apply the knowledge of systematic maintenance of books of accounts to real life business.
4. To estimate Annual Financial statements of Sole proprietorship and Company form of business.

Course Content:

Unit- I: Introduction to Accounting, Accounting system and process

Meaning, Need for accounting and accounting information system, Stakeholder using accounting information, Qualitative aspects of financial accounting, Accounting standards in India and International (outline), Branches of Accounting, Types of Business Organisations, Accounting taxonomy, Accounting concepts and conventions, Accounting concept of income and expenditure, Classification of capital and revenue-expenditure and income, accounting equation of assets equals capital and liabilities, accounting process, contingent assets and liabilities, Fictitious assets.

Unit - II: Recording transactions and Trial balance

Transactions -nature, Entry in Journal, Purchases, sales, Returns, Receivables, and payables, Inventory, Depreciation and amortizations, reserves, Intangible assets

accounting, GST transactions, Entry in Ledger, Accounting accuracy through Trial balance, correction of errors.

Unit – III: Final Accounts

Preparation of Trading and Profit and Loss account, cash books, and Balance Sheet of sole trading concerns, importance of disclosures in final accounts

Unit - IV: Company Final Accounts

Introduction to company – kinds, share capital, issue of shares, schedules to accounts, Financial statements as per Companies Act- 2013, Provisions as to Preparation of Financial Statements, Preparation of Income statement and Balance sheet (horizontal and Vertical).

Green Accounting and Sustainable Reporting- Need and objectives, Sustainability reporting need and methods, data collection, analysis for sustainable reporting to improve value of business, IFRS Financial sustainability disclosure standards.

Text Books (Latest Editions):

1. Jain S.P., & Narang K L. . Basic Financial Accounting I, New Dehli, Kalyani publishers.
2. Kimmel, Financial accounting, Wiley Publications
3. Gupta, A.. Financial Accounting for Management: An Analytical Perspective, Noida, Pearson Education.
4. S.N. Maheshwari, and. S. K. Maheshwari. Financial Accounting. Vikas Publishing House, New Delhi.
5. Ashish k Battacharya, Essentials of financial accounting for Business Managers, Six, PHL learning.
6. Accounting for sustainability: www.ifac.org
7. Peter Bartelmus, E K Seifert, Green Accounting, London, Routledge Publications
8. IFRS sustainability standards: www.ifrs.org

Suggested Cases

1. Smokey Valley Café
2. Irrigation Equipment's Limited
3. Monarch Trading Company

Course Outcomes:

On having completed this course student should be able to:

1. Identify the application of various principles and practice of Accounting in preparation of accounting statements.
2. Demonstrate the knowledge on the process of accounting cycle.
3. Apply the knowledge of systematic maintenance of books of accounts to real life business.
4. Estimate Annual Financial statements of Sole proprietorship and Company form of business.

CC103	Business Statistics and Logic	3L:1T:0P	4 Credits
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Course Description:

Quantitative Aptitude tests have been one of the key components in all competitive exams across the globe in recent years. All tests include such aptitude problems to assess a candidate's arithmetic precision, conceptual numerical ability, analytical ability and rational thinking applicability. Hence this course on Business Statistics and Logic has been introduced as part of BBA programs.

Business Statistics helps us to make business decisions under uncertainties. Such decisions must be objective and unbiased and based on quantitative data. This necessitates an analysis of data using appropriate statistical tools and hence understanding of these techniques and models. With the business entities keen on making data-driven decisions it is essential for individuals working in this uncertain environment to possess such skills to make better decisions backed by data.

Course Objectives:

1. To establish importance of logical reasoning in human inquiry.
2. To demonstrate data handling skills and summarize data with clarity.
3. To extend an understanding of application of relevant concepts of Statistics to a given business scenario.
4. To understand business problems and make decisions using appropriate statistical models and explain trends
5. To demonstrate the knowledge on the process of organizing a data and conduct statistical treatment.

Pedagogy: This course could be dealt using multiple pedagogies like interactive lecture, students' discussions, case studies and experiential learning.

Unit – I: Measures of Central Tendency, Dispersion, Measures of Skewness and Kurtosis

Classification and tabulation of data, frequency distribution, diagrams and graphs, measure of central tendency- arithmetic mean, weighted arithmetic mean, median, mode, geometric mean and harmonic mean (theory only) and meaning of partition values- quartiles, deciles, percentiles, measures of dispersion - range, quartile deviation, mean deviation from mean and median, standard deviation and coefficient of variation.

Skewness - meaning, difference between dispersion and skewness, Karl Pearson's and Bowley's measures of skewness, concept of kurtosis, types of kurtoses and importance.

Unit – II: Correlation and Regression

Meaning, definition and use of correlation, covariance, scatter diagram, types of correlation, Karl Pearson's correlation coefficient, Spearman's Rank correlation coefficient, probable error. regression- meaning and utility of regression analysis, comparison between correlation and regression, regression lines –x on y, y on x, regression equations and regression coefficients. meaning,

Unit – III: Probability and Probability distributions

Introduction to probability, basic concepts of probability- classical definition, addition and multiplication rules, probability distributions – binomial, poisson and normal distributions, expected value.

Unit-IV: Introduction to Logic

Number series, coding decoding and odd man out series, direction sense test, seating arrangements – linear and circular, blood relations, arithmetic and geometric progressions, Inductive and deductive reasoning.

Practical Component:

Understanding basic concepts of statistics is possible by incorporating data sets from real life situations. In every unit one hour could be set aside to handle realistic data such as number of steps taken on a day, daily expenditures of students, air

quality index in various months in various cities, stock prices etc. using EXCEL and make their interpretations. Students may make short presentations of their analysis to add to the learning experience.

Readings:

Textbooks (Latest Editions):

1. Levin R. I.& Rubin D. S. *Statistics for Management*. Delhi: Pearson.
2. Pillai & Bagavathi. *Statistics, Theory and Practice*, S Chand Publishing
3. SP Gupta. *Statistical Methods*, Sultan Chand and Sons
4. SC Gupta. *Fundamentals of Statistics*, Himalaya Publishing House
5. Sharma, Gupta, *The Practice of Business Statistics*, Khanna Publishing House.
6. Sharma J.K. *Business Statistics*, Vikas Publishing House

Reference Research Paper:

- Fildes, R., & Goodwin, P. (2007). Against your better judgment? How organizations can improve their use of management judgment in forecasting. *Interfaces*, 37(6), 570-576.
- Stanovich, K. E., & West, R. F. (2000). Individual differences in reasoning: Implications for the rationality debate? *Behavioral and Brain Sciences*, 23(5), 645-665.

Course Learning Outcomes:

On having completed this course student should be able to:

1. Demonstrate data handling skills with clarity and logical reasoning.
2. Outline the relevant concepts of Statistics to a given context/business scenario
3. Organize business data and conduct statistical treatment.
4. Evaluate and interpret data using appropriate statistical techniques.
5. Explain data trends using appropriate statistical models.

AEC 102	General English – I	1L:1T:0P	2 Credits
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Course Objective:

1. To provide learning environment to practice listening, speaking, reading and writing skills.
2. To assist the students to carry on the tasks and activities through guided instructions and materials.
3. To effectively integrate English language learning with employability skills and training.
4. To provide hands-on experience through case-studies, mini-projects, group and individual presentations.

Course Content:

Unit- I: Vocabulary Building

The concept of Word Formation, Root words from foreign languages and their use in English, Acquaintance with prefixes and suffixes from foreign languages in English to form derivatives, Synonyms, antonyms, and standard abbreviations.

Unit-II: Basic Writing Skills

Sentence Structures, Use of phrases and clauses in sentences, Importance of proper punctuation, Creating coherence, Organizing principles of paragraphs in documents, Techniques for writing precisely

Unit- III: Identifying Common Errors in Writing

Subject-verb agreement, Noun-pronoun agreement, Misplaced modifiers, Articles,

Prepositions, Redundancies

Unit- IV: Nature and Style of sensible Writing

Describing, Defining, Classifying, providing examples or evidence, writing introduction and conclusion, Module V: Writing Practices, Comprehension, Précis Writing, Essay Writing

Unit-V: Oral Communication (This Module involves interactive practice sessions in Language Lab)

Listening Comprehension, Pronunciation, Intonation, Stress and Rhythm, Common Everyday Situations: Conversations and Dialogues, Communication at Workplace, Interviews, Formal Presentations

Unit- VI: Oral Communication (This Module involves interactive practice sessions in Language Lab)

Listening Comprehension, Pronunciation, Intonation, Stress and Rhythm, Common Everyday Situations: Conversations and Dialogues, Communication at Workplace, Interviews, Formal Presentations

Text/Reference Books (Latest Editions):

1. AICTE's Prescribed Textbook: Communication Skills in English (with Lab Manual), Anjana Tiwari, Khanna Book Publishing Co.,
2. Effective Communication Skills. Kul Bhushan Kumar, Khanna Book Publishing,
3. Practical English Usage. Michael Swan. OUP.
4. Remedial English Grammar. F.T. Wood. Macmillan.
5. On Writing Well. William Zinsser. Harper Resource Book.
6. Study Writing. Liz Hamp-Lyons and Ben Heasley. Cambridge University Press.
7. Communication Skills. Sanjay Kumar and PushpLata. Oxford University Press.
8. Exercises in Spoken English. Parts. I-III. CIEFL, Hyderabad. Oxford University Press.

Alternative NPTEL/SWAYAM Course:

S.No.	NPTEL/SWAYAM Course Name	Instructor	Host Institute
1	English language for competitive exams	Prof. Aysha iqbal	IIT MADRAS
2	Technical English for engineers	Prof. Aysha iqbal	IITM

Course Outcomes: The student will acquire basic proficiency in English including reading and listening comprehension, writing and speaking skills

MDE 101	Indian Knowledge System (IKS-II)	2L:0T:0P	2 Credits
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IKS-II: Indian Culture and Civilization

Course Objectives

- To introduce fundamentals of Ancient Indian Educations to understand the pattern and purpose of studying vedas, vedangas, upangas, upveda, purana & Itihasa
- To help students to trace, identify and develop the ancient knowledge systems.
- To help to understand the apparently rational, verifiable and universal solution from ancient Indian knowledge system for the holistic development of physical, mental and spiritual wellbeing
- To build in the learners a deep-rooted pride in Indian knowledge, committed to universal human right, well-being and sustainable development.

Detailed contents:

Module 1: Introduction to IKS

Caturdaśa Vidyāsthānam, 64 Kalas, Shilpa Śāstra, Four Vedas, Vedāṅga, Indian Philosophical Systems, Vedic Schools of Philosophy (Sāṃkhya and Yoga, Nyaya and Vaiśeṣika, Pūrva-Mīmāṃsā and Vedānta), Non-Vedic schools of Philosophical Systems (Cārvāka, Buddhist, Jain), Puranas (Maha-puranas, Upa-Puranas and Sthala-Puranas), Itihasa (Ramayana, Mahabharata), Niti Sastras, Subhasitas

Module 2: Foundation concept for Science & Technology

Linguistics & Phonetics in Sanskrit (panini's), Computational concepts in Astadhyayi Importance of Verbs, Role of Sanskrit in Natural Language Processing, Number System and Units of Measurement, concept of zero and its importance, Large numbers & their representation, Place Value of Numerals, Decimal System, Measurements for time, distance and weight, Unique approaches to represent numbers (Bhūta Saṃkhya System, Kaṭapayādi System), Pingala and the Binary system, Knowledge Pyramid, Prameya – A Vaiśeṣikan approach to physical reality, constituents of the physical reality, Pramāṇa, Saṃśaya

Module 3: Indian Mathematics & Astronomy in IKS

Indian Mathematics, Great Mathematicians and their contributions, Arithmetic Operations, Geometry (Sulba Sutras, Aryabhatiya-bhasya), value of π , Trigonometry, Algebra, Chandah Sastra of Pingala, Indian Astronomy, celestial coordinate system, Elements of the Indian Calendar Aryabhatiya and the Siddhantic Tradition Pancanga – The Indian Calendar System Astronomical Instruments (Yantras) Jantar Mantar or Raja Jai Singh Sawal.

Module 4: Indian Science & Technology in IKS

Indian S & T Heritage ,sixty-four art forms and occupational skills (64 Kalas) Metals and Metalworking technology (Copper, Gold, Zinc, Mercury, Lead and Silver), Iron & Steel, Dyes and Painting Technology), Town & Planning Architecture in India, Temple Architecture, Vastu Sastra,

Module 5: Humanities & Social Sciences in IKS

Health, Wellness & Psychology, Ayurveda Sleep and Food, Role of water in wellbeing Yoga way of life Indian approach to Psychology, the Triguna System Body-Mind-Intellect- Consciousness Complex. Governance, Public Administration & Management reference to ramayana, Artha Sastra, Kauṭilyan State

References:

1. Textbook on IKS by Prof. B Mahadevan, IIM Bengaluru.
2. Kapur K and Singh A. K (Eds) 2005). Indian Knowledge Systems, Vol. 1. Indian Institute of Advanced Study, Shimla. Tatvabodh of sankaracharya, Central chinmay mission trust, Bombay, 1995.
3. Nair, Shantha N. Echoes of Ancient Indian Wisdom. New Delhi: Hindology Books, 2008.
4. SK Das, The education system of Ancient hindus, Gyan publication house, India
5. BL Gupta, Value and distribution system in india, Gyan publication house, India
6. Reshmi ramdhoni, Ancient Indian Culture and Civilisation, star publication ,2018
7. Supriya Lakshmi Mishra, Culture and History of Ancient India (With Special Reference of Sudras), 2020.
8. Gambirananda, Swami, Tr. Upanishads with the Commentary of Sankarachrya. Kolkata: Advaita Ashrama publication Department, 2002.
9. Ranganathananda, Swami. The Massage of the Upanishads. Bombay: Bharathya Vidya Bhaven, 1985.
10. Om Prakash, Religion and Society in Ancient India, Bhariya Vidhya Prakashan, 1985
11. J Auboyer, Daily Life in Ancient India from Approximately 200 BC to AD 700, Munshi ram Manoharlal publication, 1994.
12. DK Chakkrabarty, Makkhan Lal, History of Ancient India (Set of 5 Volumes), Aryan book Internation publication, 2014
13. Dr. Girish Nath Jha, Dr. Umesh Kumar Singh and Diwakar Mishra, Science and Technology in Ancient Indian Texts, DK Print World limited,
14. Swami BB Vishnu, Vedic Science and History - Ancient Indian's Contribution to the Modern World, gosai publication, 2015
15. Chatterjee, S.C. The Nyaya Theory of Knowledge. Calcutta: University of Calcutta Press, 1950.
16. Dasgupta, Surendra. A History of Indian Philosophy. Delhi: Motilal Banarsidass, 1991. Vols. III & IV.
17. Mercier, Jean L. From the Upanishads to Aurobindo. Bangalore: Asian Trading Corporation, 2001.
18. M. Hiriyanna. Essentials of Indian Philosophy. London: Diane Publications, 1985.
19. Hume, Robert Ernest, Tr. The Thirteen Principal Upanishads. Virginia: Oxford University Press, 1931.
20. Radhakrishnan, S. Principal Upanishads. New York: Harper Collins, 1963.

21. Satprakashananda. The Methods of Knowledge according to Advaita Vedanta. Calcutta: Advaita Ashram, 2005.

VAC 101	Environmental Science and Sustainability	2L:0T:0P	2 Credits
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Course description:

This course aims to familiarize students with fundamental environmental concepts and their relevance to business operations, preparing them to address forthcoming sustainability challenges. It is designed to equip students with the knowledge and skills needed to make decisions that account for environmental consequences, fostering environmentally sensitive and responsible future managers. The course content is divided into four comprehensive units. Unit 1 introduces basic environmental principles, the man-environment relationship, and sustainability issues. Unit 2 focuses on ecosystems, biodiversity, and sustainable practices. Unit 3 addresses environmental pollution, waste management, and sustainable development strategies. Finally, Unit 4 explores social issues, environmental legislation, and practical applications through hands-on fieldwork. Through this holistic approach, students will gain a deep understanding of environmental processes, the importance of sustainable practices, and their role in promoting sustainability within business contexts.

Course Objective(s):

1. This course aims to familiarize students with basic environmental concepts, their relevance to business operations, and forthcoming sustainability challenges.
2. This course will equip students to make decisions that consider environmental consequences.
3. This course will enable future business graduates to become environmentally sensitive and responsible managers.

Course Content:

Unit 1: Understanding Environment, Natural Resources, and Sustainability

Fundamental environmental concepts and their relevance to business operations; Components and segments of the environment, the man-environment relationship, and historical environmental movements. Concept of sustainability; Classification of natural resources, issues related to their overutilization, and strategies for their conservation. Sustainable practices in managing resources, including deforestation, water conservation, energy security, and food security issues. The conservation and equitable use of resources, considering both intergenerational and intergenerational equity, and the importance of public awareness and education.

Unit 2: Ecosystems, Biodiversity, and Sustainable Practices

Various natural ecosystems, learning about their structure, functions, and ecological characteristics. The importance of biodiversity, the threats it faces, and the methods used for its conservation. Ecosystem resilience, homeostasis, and carrying capacity, emphasizing the need for sustainable ecosystem management. Strategies for in situ and ex situ conservation, nature reserves, and the significance of India as a mega diverse nation.

Unit 3: Environmental Pollution, Waste Management, and Sustainable Development

Various types of environmental pollution, including air, water, noise, soil, and marine pollution, and their impacts on businesses and communities. Causes of pollution, such as global climate change, ozone layer depletion, the greenhouse effect, and acid rain, with a particular focus on pollution episodes in India. Importance of adopting cleaner technologies; Solid waste management; Natural and man-made disasters, their management, and the role of businesses in mitigating disaster impacts.

Unit 4: Social Issues, Legislation, and Practical Applications

Dynamic interactions between society and the environment, with a focus on sustainable development and environmental ethics. Role of businesses in achieving sustainable development goals and promoting responsible consumption. Overview of key environmental legislation and the judiciary's role in environmental protection, including the Water (Prevention and Control of Pollution) Act of 1974, the Environment (Protection) Act of 1986, and the Air (Prevention and Control of Pollution) Act of 1981. Environmental justice, environmental refugees, and the resettlement and rehabilitation of affected populations; Ecological economics, human population growth, and demographic changes in India.

Readings:

Text Books (Latest Editions):

- Poonia, M.P. *Environmental Studies*, Khanna Book Publishing Co.
- Bharucha, E. *Textbook of Environmental Studies*, Orient Blackswan Private Ltd.
- Dave, D., & Katewa, S. S. *Text Book of Environmental Studies*. Cengage Learning India Pvt Ltd.
- Rajagopalan, R. *Environmental studies: from crisis to cure*, Oxford University Press.
- Miller, G.T. & Spoolman S. *Living in the Environment*. Cengage.
- Basu, M., & Xavier Savarimuthu, S. J. *Fundamentals of environmental studies*. Cambridge University Press.
- Roy, M. G. *Sustainable Development: Environment, Energy and Water Resources*. Ane Books.
- Pritwani, K. *Sustainability of business in the context of environmental*

management. CRC Press.

- Wright, R.T. & Boorse, D.F. *Environmental Science: Toward A Sustainable Future*

(13th ed,). Pearson.

References Web links:

- <https://www.ourplanet.com>
- <https://www.undp.org/content/undp/en/home/sustainable-development-goals.html>
- www.myfootprint.org
- <https://www.globalchange.umich.edu/globalchange1/current/lectures/kling/ecosystem/ecosystem.html>

Course Outcome(s):

1. Explore the basic environmental concepts and issues relevant to the business and management field.
 2. Recognize the interdependence between environmental processes and socio- economic dynamics.
 3. Determine the role of business decisions, policies, and actions in minimizing environmental degradation.
 4. Identify possible solutions to curb environmental problems caused by managerial actions.
 5. Develop skills to address immediate environmental concerns through changes in business operations, policies, and decisions.
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AEC 103	HINDI (1-1-0) [Optional Course)	1L:1T:0P	0 Credits
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Hindi [AEC102]
Ability Enhancement Course (AEC)

Course Outcomes:

1. Understand the official language Hindi.
2. Understand the noting and drafting.
3. Understand the drafting, summarizing and letter writing.
4. Understand the application of Hindi in computers and administrative terminology.

Learning Outcomes:

C01: To know about the of official language Hindi and will be able to use it in life.

C02: To understand about Rajbhasha Hindi, Rule & Regulation, amendments.

C03: Learn about administrative work like noting, drafting, summarizing and letter writing and will use it in life.

C04: Learn about modern inventions like computers and use them in life.

C05: Know about administrative terminology and use it in life.

C06: To know about various forms of Hindi.

C07: To know about Glossary of Terms

UNIT-I

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SEMESTER –II

CC201	Human Behaviour and Organization	4L:0T:0P	4 Credits
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Course Description:

This course will cover principles and concepts to understand how individuals interact with each other and their environment in organizational contexts. Students will explore topics such as motivation, perception, personality, leadership, group decision-making, culture, and conflict resolution through a blend of theoretical frameworks and real-world applications

Course Objectives:

1. To develop basic understanding of the concept of human behavior and organization.
2. To highlight the importance of OB in modern organizations.
3. To understand individual and group behavior in the workplace to improve the effectiveness of an organization.
4. To critically evaluate leadership styles and strategies.

Course Content:

Unit 1: Introduction to Human Behavior and Organization

Meaning, importance, and historical development of organizational behavior; Factors influencing organizational behavior; Contributing disciplines of OB; OB models

Unit 2: Individual Behavior

Foundations of Individual Behavior; Personality- Determinants of personality, Type A and B, Big Five personality types, stages of personality development;

Attitude - components, job-related attitudes; Learning- concept, theories, and reinforcement; Perception - concept, perceptual process, factors influencing perception; Values - concept and types: terminal values and instrumental values.

Motivation – Concept, importance, and theories of motivation- Early Theories of motivation (Need Hierarchy, Theory X and Theory Y, Two Factors Theory); Contemporary Theories of motivation (Self-Determination Theory, Goal-setting Theory, Reinforcement Theory, Self-efficacy Theory).

Unit 3: Group & Team Behaviour

Groups and Work Teams: Concept: Five Stage model of group development; Groupthink and shift; Indian perspective on group norms, Group, and teams; Types of teams; Creating team players from individual building. Individual & Group conflict; e-teams.

Unit 4: Leadership & Power

Leadership: Concept; Trait theories; Behavioral theories (Ohio and Michigan studies);

Contingency theories, Authentic leadership; Mentoring, self-leadership; Inspirational Approaches (transformational, charismatic): Comparison of Indian leadership styles with other countries.

Bases of Power.

Organizational Culture : Concept of culture; Impact (functions and liability); Creating and sustaining culture: Employees and culture; Creating positive and ethical cultures; Need and importance of Cross-Cultural management, Stress, and its Management.

Readings:

Text Books (Latest Editions):

1. Robbins, Stephen - Organizational Behavior Prentice Hall of India Ltd., New Delhi.
2. Luthans Fred - Organizational Behavior: An Evidence-Based Approach - McGraw Hil Publishers Co. Ltd., New Delhi.
3. Prasad, L.M-Organizational Theory Behavior-Sultan Chand & Sons, New Delhi.
4. Rao, VS P-Organization Behavior –Himalaya Publishing House.
5. Aswathappa.K.-Organizational Behavior–Himalaya Publishing House, Mumbai, 18th Edition.

Reflective Exercises and supplementary readings:

Unit 1

1. Personality assessment through a questionnaire (MBTI/16PF etc.)
2. Personality assessment through Indian scriptures.
3. Review Literature of the book “Personality Development” by Swami Vivekananda by Exotic India Art.
4. Translating Swami Vivekananda into Management Practice

https://link.springer.com/chapter/10.1007/978-981-19-1158-3_17

Unit 2

1. Assess the ways of self-directed Learning.

Unit 3

1. Watch the movie “Ruka hua Faisla”/12 Angry Men on group decision- making.
2. Reflective essay on group behaviour on “Draupadi Cheer Haran”
3. Identify a firm and analyze how business decisions are made in a particular situation as Individuals versus a team. Also, state which form is better and why.
4. Understanding Belbin Individual Team Roles

<https://belbin.scot/wp-content/uploads/2022/08/Belbin-8-SPI-Report-Sample.pdf>

Unit 4

1. Reflective exercise on the concept of leadership in Mahabharata versus Ramayana.
2. HBR, 2022: *How Great Leaders Communicate*.
3. (<https://hbr.org/2022/11/how-great-leaders-communicate>)
[https://www.researchgate.net/publication/340607402 LEADERSHIP AND INNOVATION AT APPLE INC](https://www.researchgate.net/publication/340607402_LEADERSHIP_AND_INNOVATION_AT_APPLE_INC)

Unit 5

1. Practice stress management techniques
2. *Leading strategic and organizational change at Tata Steel: the role of culture*
<https://www.cambridge.org/core/books/abs/leading-strategic-change/leading-strategic-and-organizational-change-at-tata-steel-the-role-of-culture/AEBA5AF709A6E343>

Learning Outcomes:

After completing this Course Students will be able to:

1. Describe individual and group behavior in organizational settings.
2. Demonstrate theoretical knowledge of human behavior in human life setting in management.
3. Judge the lacunae in the system to be able to improve the organization health and other OB outcomes.
4. Formulate a more productive system and high-performance work culture operating on the principles of OB.

CC202	Marketing Management	4L:0T:0P	4 Credits
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Course Description:

Marketing management course is designed to help undergraduate students gain a broad, foundational understanding of the basic components of modern marketing. This course aims to familiarize students with the marketing function in organizations. It will equip the students with understanding of the Marketing Mix elements and sensitize them to certain emerging issues in Marketing. The course is intended to bring in key principles and activities crucial for the role that marketing has in an organization.

Course Objective(s):

1. Develop understanding about marketing management concepts and frameworks, and apply these to a new or existing business.

2. Develop skills to analyze and synthesize information and derive insights related to marketing management, from several perspectives
3. It also explores best practices in managing marketing activities within an organization and how to measure the impact on demand and attempt to forecast and influence its future levels, magnitude and timing.

Course Content:

Unit 1:

Introduction: Nature, Scope and Importance of Marketing, Evolution of Marketing; Core marketing concepts; Company orientation - Production concept, Product concept, selling concept, Marketing concept, Holistic marketing concept; Marketing Environment: Demographic, Economic, Political, Legal, Socio cultural, Technological environment (Indian context); Market and competition analysis, Market Analysis and Creating and Delivering Customer Value. types of marketing (B2C, B2G, B2B, C2C)

Unit 2:

Segmentation, Targeting and Positioning: Concept; Levels of Market Segmentation, Basis for Segmenting Consumer Markets; Consumer Behavior, The Rise of Consumer Democracy, Stimulus Response Model of Consumer Behavior, Buyer's Cultural, Social, Personal, and Psychological Characteristics particularly in Indian context, Consumer Buying Decision Process, Business Customer's Buying Decision Process, and Traditional vs. Experiential Marketing's View of Customer

Unit 3:

Product decisions: Concept of Product Life Cycle (PLC), PLC marketing strategies, Product Classification, Product Line Decision, Product Mix Decision, Branding Decisions, Packaging & Labelling. Portfolio approach – Boston Consulting Group (BCG) matrix. Introduction to Brand Management and Innovation and New Product Development.

Pricing Decisions: Determinants of Price, Pricing Methods (Non-mathematical treatment), and Adapting Price.

Promotion Decisions: Factors determining promotion mix, Promotional Tools – Fundamentals of advertisement, Sales Promotion, Public Relations & Publicity and Personal Selling. Marketing Channel Decision: Channel functions, Channel Levels, Types of Intermediaries: Wholesalers and Retailers, Introduction to Retail Management.

Unit 4:

Marketing of Services: unique characteristics of services, marketing strategies for service firms – 7Ps. Contemporary issues in Marketing, E-commerce, Digital Marketing, Ethics and social responsibility in Marketing, Integrated Marketing, Online Payments, Rural Marketing, Social Marketing, Green Marketing (Introductory aspects only).

Readings:

Text Books (Latest Editions):

1. Kotler P., Keller K., et al. *Marketing Management* (16th edition). Pearson Education Pvt. Ltd.
2. Aaker, D. A. and Moorman Christine., *Strategic Market Management: Global Perspectives*. John Wiley & Sons.
3. Shainesh G. Kotler Philip, Keller Kevin, Alexander Chernev, Jagdish N. Sheth | *Marketing Management*. Pearson Higher Education
4. Kotler, P., Armstrong, G., and Agnihotri, P. Y. *Principles of Marketing* (17th edition). Pearson Education.
5. Ramaswamy, V.S. & Namakumari, S. *Marketing Management: Indian Context Global Perspective* (6th edition). Sage Publications India Pvt. Ltd.
6. Sheth, J. N., & Sisodia, R. S. (Eds). *Does Marketing Need Reform?: Fresh Perspectives on the Future*. Routledge.
7. Percy, L. *Strategic Integrated Marketing Communications*. Routledge.
8. Chaffey, D., & Ellis-Chadwick, F. *Digital Marketing* (7th edition). Pearson Higher Education.
9. Biswas A. K. *Strategic Market Management: Managing Markets for profit and growth* Notion Press.
10. Schmitt, B. *Experiential marketing*. Bilbao: Deusto.
11. Kumar, N. *Marketing as Strategy: Understanding the CEO's Agenda for driving Growth and Innovation*. Harvard Business Review Press.
12. Treacy, M., and Wiersema, F. *The discipline of market leaders: Choose your customers, narrow your focus, and dominate your market*. Basic Books.
13. Treacy, M. *Double-digit Growth: How Great Companies Achieve It--No Matter what?* Penguin.
14. Capon, N. *The marketing mavens*. Crown Business.
15. Levitt T. *Marketing Myopia*.
16. Hamel & Prahalad *Competing for the Future*
17. Peter Doyle : *Value-Based Marketing*
18. Forsyth, Gupta, Haldar : *A Segmentation You Can Act on*.
19. Daniel Yankelovich and David Meer (HBS) : *Rediscovering Market Segmentation*

20.C. K. Prahalad : The Fortune at the Bottom of the Pyramid

21. Al Ries & Jack Trout : Positioning: The battle for your mind

Course Outcome(s):

1. Understand fundamental marketing concepts, theories and principles; the role of marketing in the organization context.
2. Recognize various elements marketing mix for effective functioning of an organization.
3. Critically analyze an organization's marketing strategies.
4. Learn appropriate tools and techniques of marketing with focus on Indian experiences, approaches and cases.
5. Evaluate marketing implementation strategies and formulate and assess strategic, operational and tactical marketing decisions.

Business Economics

CC203	Business Economics	4L:0T:0P	4 Credits
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Course Objective:

Business economics uses economic concepts and principles by emphasizing on demand and supply analysis, production & cost analysis and different market structures which are fundamental for further study. This course also introduces important macroeconomic concepts which are indispensable for understanding the functioning of an economy that might affect business performance.

- It equips students with fundamental concepts of microeconomics.
- Business economics delves into the complexities of market structures, helping students navigate
- challenges such as competition, regulatory environments, and technological disruptions.
- It fosters critical thinking by analyzing real-world case studies, enabling students to propose
- innovative solutions to business problems.
- A grasp of business economics is essential for aspiring entrepreneurs, managers, and analysts
- seeking to thrive in today's dynamic and interconnected business landscape.

Course Content:

Unit-1: Fundamentals and Basic elements of Microeconomics

- The Economic Problem: Scarcity and Choice, Nature and Scope-Positive and Normative Economics.
- Scope of Study and Central Problems of Micro and Macroeconomics
- Demand Schedule: Individual and Market Demand Curve, Determinants of Demand, Law of Demand, Movement and Shift among Demand Curve, Elasticity of Demand.
- Supply Schedule: individual and market supply, determinants of supply, law of supply, Elasticity of supply. Determination of demand and supply, effect of a shift in demand and supply.

Unit-2: Producer And Consumer Behavior

- Theory of Production-Factors of Production, Production Function, Law of Variable Proportions, Returns to Scale, Producers' Equilibrium.
- Theory of Cost- Short Run and Long Run Average, Marginal and Total Cost Curves.
- Cardinal Utility Approach-Law of Diminishing Marginal Utility, Law of Equi-Marginal Utility, Indifference Curves, Budget Lines and Consumer Equilibrium.

Unit-3: Analysis of Market

- Concept of Market and Main Forms of Market.
- Price and Output Determination Under Perfect Competition, Monopoly, Monopolistic Competition, and oligopoly.

Unit-4: National Income and Various Indian Economy Challenges

- Circular Flow of Income. Concept of GDP, GNP, NDP, NNP (At Market Price and Factor Cost), Methods of Calculating National Income.
- A Brief Introduction of Indian Economy - Pre-and Post-Independence.
- Current Challenges Facing by Indian Economy- Human Capital Formation, Poverty, Dynamic
- Business Environment, Trade with Various Nations, Sustainable Economic Development.

Readings:

Text Books (Latest Editions):

1. Varian. H.R: Micro Economics A modern Approach
2. Mc Connell & Brue: Micro Economics Principal, problems & policies. McGraw Hills

Professional Publication.

3. Ahuja, H.L. Advanced Economic theory
4. Jain K.P. Advanced Economic theory
5. Jhingan M.L. Modern Micro Economics
6. J. Shapiro: Macro Economic Theory and Policy
7. W.H. Bransin: Macro-Economic Analysis
8. M.L. Jhingan: Macro-Economic Theory and Policy
9. M.C. Vaishya: Macro-Economic Theory
10. Sunil Bhaduri: Macro Economic Analysis
11. H.L. Ahuja: Micro Economic Theory; Modern Publisher, Gulab Bhawan, 6, Bahadurshah Zafar Marg, New Delhi.
12. Samuelson & William D. Nordhaus: Economics; McGraw Hills.
13. A.N. Agarwal: Indian Economy.
14. M. Maria John Kennedy: Advanced Micro Economic Theory; Himalaya Publishing House, Delhi.
15. I.C. Dhingra & V.K. Garg: Economic Development & Planning in India.
16. D.M. Mithani: Macro Economics; Himalaya Publishing House.

Macroeconomics" by N. Gregory Mankiw

17. Macroeconomics: Principles, Applications, and Tools" by Arthur O'Sullivan, Steven Shiffrin, and Stephen Perez
18. Macroeconomics" by Olivier Blanchard

References

Pedagogy and Teachings Method (Teacher should use the following strategies to achieve various outcomes of the course):

- Different methods of teaching and media to be used to attain classroom attention.
- Massive open online courses (MOOCs) may be used to teach various topics/sub topics.
- 15-20% of the topics which are relatively simpler or descriptive in nature should be given to the students for self-learning and assess the development of competency through classroom presentations.
- Micro-projects may be given to group of students for hand-on experiences.
- Encouraging students to visit to sites such as local or seasonal markets and research establishment around the institution.

Course outcomes:

At the end of the course students will be able to:

1. Understand basic concepts of microeconomics and solve the problem of reallocation and
2. distribution of the scarce resources.

3. To analyze the form and nature of the market and their pricing strategies.
4. Understand the calculation of national income and true measure for increasing

economic welfare.

5. Understand various challenges associated with the Indian economy and help to balance the economy

SEC201	Emerging Technologies and Applications	1L:0T:2P	2 Credits
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Course Objective:

- To provide a comprehensive understanding of emerging technologies such as block chain, IoT, cloud computing, robotics, AR/VR, etc.
- To explore the applications, implications, and strategic advantages of emerging technologies in business for competitive advantage.

Contents:

Unit-1: Cloud Computing

Cloud service models (IaaS, PaaS, SaaS) – Deployment models (public, private, hybrid) – Cloud-based -enterprise solutions – Cost-benefit analysis and scalability – Security and Governance – Data security and compliance in the cloud – Cloud governance frameworks

Unit-2: Internet of Things (IoT) & Industry 4.0

Sensor technologies and connectivity - IoT Applications in Smart cities and infrastructure – Industrial IoT and manufacturing – IoT data processing and storage – Real-time analytics and decision-making – Concept of Industry 4.0 – Automation and smart manufacturing – Cyber-physical systems and digital twins – Robotics and advanced manufacturing technologies – Impact on Business Models – Transformation of production and supply chains – Business process optimization

Unit-3: Block chain Technology

Fundamentals of Block chain – Decentralization and distributed ledger – Cryptography and consensus mechanisms – Smart contracts – Financial services and digital identity – Challenges and Opportunities – Security and privacy issues – Regulatory and compliance considerations

Unit-4: Augmented Reality (AR) and Virtual Reality (VR)

Introduction to AR/VR – Key concepts and differences between AR and VR – Historical development and current state - AR/VR applications in marketing and customer experience – Training and development through immersive technologies – Challenges and Opportunities – Technological limitations and advancements – Integration with existing business processes.

Practical (Suggestive List):

- Hands on sessions on utilizing popular cloud platforms for development and deployment, offering hands-on experience with free tiers and trial accounts.
- Hands on sessions on block chain technologies, focusing on the basics development and deployment of decentralized applications.

Readings:

Text Books (Latest Editions):

1. Emerging Technologies by Errol S. van Engelen
2. Internet of Things by Jeeva Jose, Khanna Book Publishing.
3. Digital Transformation: A Strategic Approach to Leveraging Emerging Technologies, Anup Maheshwari
4. Virtual & Augmented Reality by Rajiv Chopra, Khanna Book Publishing.
5. Emerging Technologies for Effective Management by Rahul Dubey, Cengage Publications.
6. IoT Fundamentals: Networking Technologies, Protocols, and Use Cases for the Internet of Things by David Hanes, Jerome Henry, Rob Barton, Gonzalo Salgueiro and Patrick Grossetete.
7. Blockchain for Business by Jai Singh Arun, Jerry Cuomo and Nitin Gaur.
8. Block Chain & Crypto Currencies by Anshul Kausik, Khanna Book Publishing.
9. Industry 4.0 Technologies for Business Excellence: Frameworks, Practices, and Applications by Edited By Shivani Bali, Sugandha Aggarwal, Sunil Sharma.
10. Blockchain, Artificial Intelligence, and the Internet of Things: Possibilities and Opportunities" by Pethuru Raj, Ashutosh Kumar Dubey, Abhishek Kumar, Pramod Singh Rathore.

Readings:

- Abdi, S., Kitsara, I., Hawley, M. S., & de Witte, L. P. (2021). Emerging technologies and their potential for generating new assistive technologies. *Assistive Technology*, 33(sup1), 17–26. <https://doi.org/10.1080/10400435.2021.1945704>
- Seokbeom Kwon, Xiaoyu Liu, Alan L. Porter, Jan Youtie, Research addressing emerging technological ideas has greater scientific impact, *Research Policy*, Volume 48, Issue 9, 2019, 103834, <https://doi.org/10.1016/j.respol.2019.103834>.

- Philip, J. (2022), "A perspective on embracing emerging technologies research for

organizational behavior", Organization Management Journal , Vol. 19 No. 3, pp. 88-98. <https://doi.org/10.1108/OMJ-10-2020-1063>

Case Studies

1. Software and/or Data: Dilemmas in an AI Research Lab of an Indian IT Organization, Rajalaxmi Kamath; Vinay V Reddy, <https://hbsp.harvard.edu/product/IMB889-PDF-ENG?Ntt=emerging%20technologies>
2. Volkswagen Group: Driving Big Business With Big Data, Ning Su; Naqaash Pirani, <https://hbsp.harvard.edu/product/W14007-PDF-ENG?Ntt=emerging%20technologies>

Course Outcomes:

1. Students will **understand** foundational knowledge of emerging technologies such as blockchain, IoT, cloud computing, AR/VR, etc., comprehending their principles, components, and functionalities.
2. Students will **analyze** the practical applications of these technologies in various business contexts, evaluating how they can optimize operations, enhance decision-making, and drive innovation.
3. Students will **evaluate** the strategic implications of adopting emerging technologies, including potential challenges, risks, and opportunities, to formulate informed strategies for competitive advantage.
4. Students will develop skills to plan and manage the integration of emerging technologies into business processes, ensuring alignment with organizational goals and effective change management.

MDE201	Media Literacy and Critical Thinking	1L:1T:0P	2 Credits
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This course equips students with essential media literacy and critical thinking skills to analyze and navigate various media forms. It covers the dynamics of media production and ownership in India, ethical and regulatory considerations, and enhances digital literacy for responsible online engagement. Through comprehensive study and practical exercises, students will learn to critically engage with media content, uncover biases, and make informed decisions in media consumption and production.

Course Objective(s):

1. Develop critical thinking skills to analyse various media forms effectively and identify underlying biases.

2. Foster media literacy principles for navigating digital media landscapes and evaluating credibility.

3. Explore media production dynamics and ownership structures in the Indian context.
4. Address ethical and regulatory considerations in media practices.
5. Enhance digital media literacy for responsible online engagement and combating misinformation.

Course Content:

Unit 1: Foundations of Media Literacy and Critical Thinking

Core principles of media literacy and critical thinking; Definition and significance of media literacy, its historical evolution within the Indian context; Understanding media as a powerful communication tool and its role in shaping societal perceptions and behaviors.

Unit 2: Deconstructing Media Texts

Forms of media texts, including print, broadcast, digital, and social media; Textual analysis and the deconstruction of visual media using semiotics; The impact of media representations on individual perceptions and societal attitudes, from relevant case studies in the Indian context.

Unit 3: Media Consumption and Production Dynamics

Dynamics of media production, distribution, and consumption in India: Influence of ownership and control structures on media content; Techniques for critically evaluating media content and analysing audience consumption patterns

Unit 4: Ethics, Regulation, and Digital Media Literacy

Ethical and regulatory considerations inherent in media practices and the evolving landscape of digital media literacy. Ethical principles in media, the regulatory framework governing media content, and the role of self-regulatory bodies in upholding ethical standards; Digital media's impact on contemporary media literacy practices, strategies for navigating online information, and promoting digital citizenship.

Text Books (Latest Editions):

1. Potter, W. J. Media literacy (8th ed.). SAGE Publications.
2. Hobbs, R. Media literacy in the digital age. Routledge.
3. Halpern, D. F. Thought & knowledge: An introduction to critical thinking (5th ed.). Psychology Press.

4. Kahneman, D. Thinking, fast and slow. Farrar, Straus and Giroux.
5. Baran, S. J., & Davis, D. K. Mass communication theory: Foundations,

ferment, and future (8th ed.). Cengage Learning.

6. Kahne, J., & Bowyer, B. Media literacy education in action: Theoretical and pedagogical perspectives. Routledge.
7. Barbour, K., & Marshall, J. The media literacy handbook. ASCD.
8. Bhaskar, N. K. Media laws and ethics in India. Lexis Nexis.
9. West, R., & Turner, L. H. Understanding intercultural communication: Negotiating a grammar of culture (2nd ed.). Routledge.
10. Aufderheide, P., & Jaszi, P. Reclaiming fair use: How to put balance back in copyright (2nd ed.). University of Chicago Press.
11. Hammond, J. S., Keeney, R. L., & Raiffa, H. Smart choices: A practical guide to making better decisions. Harvard Business Review Press.
12. Covey, S. R. The 7 habits of highly effective people: Powerful lessons in personal change (30th anniversary ed.) Simon & Schuster.

Course Outcome(s):

1. Demonstrate proficiency in analysing media texts and identifying implicit messages and ideologies.
2. Apply media literacy principles to make informed decisions about media consumption and production.
3. Understand the complexities of media production, distribution, and audience behavior.
4. Adhere to ethical standards in media content creation and consumption.
5. Promote responsible digital citizenship by navigating online information critically and combating misinformation.

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VAC201	Indian Constitution	2L:0T:0P	2 Credits
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Course Description:

This course offers a unique perspective on the Constitution of India, focusing on its economic dimensions and impact on business. It delves into the historical and ideological underpinnings of the Constitution as an economic document, tracing its evolution from

post-colonial economic governance to contemporary debates. Students explore constitutional battles over land reforms, economic liberalization, and fiscal federalism,

gaining insights into competing economic ideologies and interests. Through case studies and legal analysis, they examine fundamental rights related to business, fiscal federalism, and constitutional issues shaping India's economic landscape.

By the end of the course, students will develop a nuanced understanding of the Constitution's role in shaping economic policies and its implications for business practices, equipping them with valuable insights for careers in business management and policy advocacy.

Course Objective(s):

1. Develop an understanding of the Indian Constitution beyond legal and political lenses, emphasizing its significance for business students.
2. Recognize the importance of comprehending constitutional basics and their impact on trade, economy, and business practices.
3. Analyze the inclusion of economic justice in the preamble and its implications for post-colonial economic policies.
4. Explore the legal history of competing claims between economic development and principles of equity and justice in India.
5. Examine the transition from state-led industrialization to liberalization, highlighting the constitutional underpinnings of these economic shifts.
6. Investigate the constitutional provisions relevant to business, such as the fundamental right to practice any profession, occupation, trade, or business as enshrined in Article 19.

Course Content:

Unit 1: An Economic History of the Constitution of India

Historical understanding of the constitution as an economic document. Understanding the Preamble, Starting from the land reform cases in the 1950s to the validity of the bitcoin ban imposed by the RBI, this module signpost all of the important economic moments in the constitutional history of post-colonial India; Constitutional design, Legal Regulation and economic justice

Unit 2: Fundamental Rights and Business in India

Article 19(1)(g), grants every citizen the right, to practise any profession, or to carry on any profession, occupation, trade, or business. Like other fundamental rights, this right is subject to reasonable restrictions impose by the state. This particular provision of the Constitution has been one of the most severely litigated freedoms. Fundamental Duties.

Unit 3: Fiscal Federalism

Article articles 301 to 307 of the Constitution pertains to Trade, Commerce and Intercourse within the Territory of India; Challenges associated with fiscal federalism in

India including the vertical fiscal imbalance; Article 280 of the Constitution.

Unit 4: Constitutional battles that shaped the economy

This module will be taught through key case studies that demonstrate the complex and fascinating overlap between the constitution and business and shall use Saurabh Kirpal's book *Fifteen Judgments: Cases that Shaped India's Financial Landscape* as our guide through this landscape. The case studies include the banning of diesel engine cars, Telecom regulation and ownership of broadcast media, Demonetisation, Aadhaar, the lifting of restrictions on dealing in cryptocurrencies

Readings:

References:

- The Oxford Handbook of the Indian Constitution, Oxford university press.

Cases

- Rustom Cavasjee Cooper v. Union of India, (1970) 1 SCC 248
- State of Rajasthan v. Mohan Lal Vyas, AIR 1971 SC 2068 (confirmation of a private monopoly, not a violation of fundamental right)
- Mithilesh Garg v. Union of India, (1992) 1 SCC 168 : AIR 1992 SC 221 (Right to carry on business, not breached when it is liberalised)
- Chintamanrao v. The State of Madhya Pradesh, AIR 1951 SC 118 (scope of reasonable restrictions in relation to trade and occupation)
- Cooverjee B. Bharucha v. Excise Commissioner, Ajmer, AIR 1954 SC 220 (the reasonableness of the restriction imposed may depend upon the nature of the business and prevailing conditions including public health and morality)
- T. B. Ibrahim v. Regional Transport Authority. Tanjore, AIR 1953 SC 79
- Harman Singh v. RTA, Calcutta, AIR 1954 SC 190
- Dwarka Prasad Laxmi Narain v. State of U.P., AIR 1954 SC 224
- State of Bombay v. R.M.D. Chamarbaugwala, AIR 1957 SC 699
- Parbhani Transport Coop. Society Ltd. v. Regional Transport Authority, Aurangabad, AIR 1960 SC 801
- State of Bombay v. R. M. D. Chamarbaugwala, (1957) S.C.R. 874,
- G.K.Krishnan vs State of Tamil Nadu, 1975 SCC (1) 375
- Automobile Transport (Rajasthan) Ltd. Vs State of Rajasthan, AIR 1962 SC 1406

Course Outcome(s):

1. Students of the BBA programme get equipped with a knowledge of the Indian Constitution, particularly from the perspective of economic governance and business
2. They begin to develop a nuanced analytical framework about ongoing constitutional debates and battles which affect the domain of business
3. Developing a sense of how questions of economic growth have to be balanced with other constitutional commitments, including social and economic justice.

AEC 201	Business Communication-II	1L:1T:0P	2 Credits
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Course Description:

This course focuses on bringing in perspective the importance of Business Communication for organizations and individual employees in the context of multicultural workforce in a digital world. The course will focus on instilling effective written and oral communication skills in students. The course will be taught using texts, cases and classroom exercises for improving both written and oral communication in students.

Course Objectives:

1. To understand the concept, process, and importance of business communication with a strategic imperative.
2. To help students in understanding the basic principles and techniques of various workplace communication including digital communication skills
3. To train students to acquire and master intra and interorganizational communication
4. To train students for communicating effectively for the purpose of gaining employment.

Course Content:

Unit 1: Written communication: intra organizational/ departmental/ workplace communication

Need and Types, Basics of Writing Office Circulars, Agenda, Notice, Office Memoranda, Office Orders, News Letters; Positive and Negative Messages, Use of Technology for Communication, Effective IT communication tools- Electronic mail: advantages, safety and smartness in writing email, E-mail etiquettes; Use of online social media for communication and Public Relations; Ethical dilemmas in use of social media for communication. Report Writing: Types of Business Reports, responding to request for proposals (RFP), response to RFP, Formal Report- Components and Purpose, Organizing Information- Outlining & Numbering Sections, Section Headings, Sub-Headings, & Presentation; Reporting in Digital Age, Writing Reports on Field Work/Visits to Industries, Business Proposals; Summarizing Annual Reports of Companies- Purpose, Structure and Principles; Drafting Minutes of a Meeting;

Corporate Communication- channels of corporate communication, target segments of corporate communication, types of corporate communication; Managing Crisis-Communication; Managing communication during change; Culture as

communication.

Unit 2: Oral Communication, Professionalism and team work

Meaning, Nature, and Scope of Effective Oral Communication; Techniques of Effective Speech, Media for Oral Communication- Face-to-Face Conversation, Teleconferences, Press Conference, Telephonic Conversations, Radio Presentation, Public address and Podcast.

Constructing Oral Report; Group Discussion, Teams communication; Communication during online meeting; Online and offline professional etiquettes; Conducting appraisals, conducting interviews.

Unit 3: Negotiation Skills and Cross-Cultural Communication

Negotiation communication with vendors, suppliers, employees and other stakeholders; BATNA & communication during negotiations; Body language and negotiation;

Impact of globalization on organizational communication; Cross-Cultural frameworks (ex. Geert Hofstede); Culture & appropriate communication; Etic and Emic approaches to Culture; Communication to a diverse workforce; Overcoming barriers and biases in Cross-Cultural Communication; Building Inter-Cultural Workplace Skills; Cross-cultural etiquettes across clusters/countries.

Unit 4: Contemporary Communication

Digital communication- individual communicating via social media, organizations communicating via social media, Media Literacy; Strong Digital communication skills – email, instant messaging, video conferencing, e-meetings, digital collaboration, digital citizenship –digital etiquettes & responsibilities; Introduction to personal and organizational websites; communication through podcasts.

Job Searching in Digital Age; Creating Resume (CV, cover letter), Creating Customized Cover Messages for Job Applications, Purposes and Types of Employment Interviews, Performing Optimally in a Job Interview- Do's and Don'ts Before, During and After the Interview.

Readings:

Text Books (Latest Edition):

1. AICTE's Prescribed Textbook: Communication Skills in English (with Lab Manual), Anjana Tiwari, Khanna Book Publishing Co.
2. Lesikar, R.V. & M.E. Flatley, "Business Communication: Connecting in a Digital World", McGraw-Hill Education.
3. Murphy, H. A., Hildebrandt, H. & Thomas, J.P. Effective Business Communication. McGraw Hill.
4. Mukerjee H. S., Business Communication: Connecting at Work. Oxford Publication
5. Boove, C.L. et al., Business Communication Today, Pearson.

References:

1. Culture as Communication (2001) by Stever Robbins

<https://hbsp.harvard.edu/product/C0108A-HCB-ENG>

2. The Future of Internal Communication | Rita Linjuan Men, Shannon A. Bowen

Suggested Exercise and cases:

1. Negotiation exercise as vendor/seller
2. Analyzing verbal and non-verbal aspects of speeches of great leaders and orators.
3. Delivering Effective Presentations using presentation tools/software and use of infographics.
4. Cases on business communication
5. Summarizing Annual Report of a Company.
6. Preparing elevator pitch
7. Preparing curriculum vitae/resume/letter
8. Communicating Effectively in Group Discussion and personal interviews
9. How to Communicate Organizational Change (2020) by Angela Fisher Ricks
 - a. <https://online.hbs.edu/blog/post/how-to-communicate-organizational-change>
10. Change Management and Internal Communication | Rita Linjuan Men, Shannon A. Bowen | Business Expert Press |BEP334-PDF-ENG|
<https://hbsp.harvard.edu/product/BEP334-PDF-ENG>
11. Lighting the Fire: Crafting and Delivering Broadly Inspiring Messages | Tsedal Neeley, Tom Ryder | Harvard Business School | 416046-PDF-ENG |
<https://hbsp.harvard.edu/product/416046-PDF-ENG?>
12. Bad Writing Is Destroying Your Company's Productivity (2016) by Josh Bernoff
 - a. <https://hbr.org/2016/09/bad-writing-is-destroying-your-companys-productivity>
13. Group Communication and Decision-Making Simulation: Wildfire Mitigation | Matthew Koschmann| FO0001-
HTM- ENG|<https://hbsp.harvard.edu/product/FO0001-HTM-ENG>
14. Three Rules for Communicating During a Crisis | Nancy Koehn| 5238AV-AVO-
ENG | <https://hbsp.harvard.edu/product/5238AV-AVO-ENG>
[https://hbsp.harvard.edu/product/5238AV-AVO-ENG?tt=BUSINESS COMMUNICATION](https://hbsp.harvard.edu/product/5238AV-AVO-ENG?tt=BUSINESS%20COMMUNICATION)

Course Outcomes:

1. Apply the skills for writing various workplace written communications.
2. Effectively analyze and evaluate Business Reports.
3. Demonstrate competence in delivering impressive power- point presentations.
4. Create objective and succinct Resumes and be prepared to perform optimally in Job Interviews.

AEC 202	Sanskrit (1-1-0) [Optional Course]	1L:1T:0P	0 Credits
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AEC (SANSKRIT)

ABILITY ENHANCEMENT COURSE (AEC)

Functional Sanskrit

Unit-I Sanskrit Alphabets, General Idea about Sanskrit Karaka, Vibhakti, Vacana, Purusa, Pada, Linga, Vacya, Lakara, Upasarga.

Unit-II Useful Sanskrit words, Sentence Formation in Sanskrit, Simple Sanskrit Sentences for conversation, Preparation of News in Sanskrit.

Unit-III Letter writing in Sanskrit, Notice Writing in Sanskrit, Invitation writing in Sanskrit, Description of Festivals in Sanskrit.

Unit-IV Sloka Recitations, Numerical Counting in Sanskrit, Sanskrit Story telling, Self introduction in Sanskrit (Practical).

Core Readings:

1. Samskrta Vyakarana Darpana,
2. Samskrta Vyakarana manjusa, Kamalesh Bhatia, Chaukhamba Sanskrit Pratisthan, Delhi, 2022

Suggested Readings:

1. Samskrta jnananidhi, Dr. Ram Vilash Choudhuri and Dr. Dhruva Kumari Choudhuri, MLBD, Delhi, Reprint, 2016
2. A Higher Sanskrit Grammar, M.R. Kale, MLBD, Delhi, 2005

SEMESTER –III

SEMESTER -III

CC 301	Cost and Management Accounting	4L:0T:0P	4 Credits
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Course Description:

This course covers the fundamental concepts and various aspects in Cost as well as Management accounting. This course discusses how to prepare a cost sheet, costing for materials, labour cost and overheads. This course also talks about financial statement analysis using various tools like comparative and common size Income Statements and Balance Sheet, Trend Analysis, Ratio Analysis, Cash Flow Statement, Budgets and Budgetary Control. It also throws some light on Management Reporting in general. And thus this course as a part of the Business administration programme provides fundamental knowledge and basic understanding on various methods, tools and techniques of cost and management accounting helpful for financial decision making required for a budding professional in the domain of accounting and finance.

Course Objectives:

1. To familiarize the learners with the basic concepts and processes used to determine product costs and ascertain Material, Labour and Overhead cost.
2. To enrich the knowledge of the learners in knowing and applying various tools like ratio analysis, cash flow statement, marginal costing for analysing the financial statements for managerial information
3. To provide with the basic understanding of budgetary control
4. To develop the knowledge of the learners to understand and prepare a management report.

Course Content:

Unit-I: Introduction to Cost and management accounting:

Definitions, features, objectives, functions, scope, advantages and limitations. Relationship and differences between Cost accounting, Management accounting and Financial Accounting. Cost Concepts-Cost classification – Elements of cost - Preparation of cost sheet and quotation. Material cost- direct and indirect material cost, Inventory control techniques-stock levels, EOQ, ABC analysis. Issue of materials to production- pricing methods-FIFO, LIFO and Average methods. Labor cost: direct and indirect labour cost-methods of payment of wages including incentive plans -Halsey and Rowan plans, Tailors Piece Rate method. Overheads: features, classification, methods of allocation and apportionment of overheads, primary and secondary distributions.

Unit II: Marginal Costing and Budgetary control

Marginal Costing-Meaning - Importance - Marginal Cost Equation - Difference between Marginal costing and Absorption costing - Break Even Analysis-Meaning and

Importance - Break even chart- P/V ratio - Cost Volume Profit Analysis- Margin of Safety-Angle of Incidence- Problems in Marginal costing. Budgets - Meaning and importance - Budgetary Control- Meaning and Importance-Types of Budgets, practical problems - Flexible Budget and cash Budget,

Unit-III: Financial Statement Analysis:

Comparative Income Statements and Balance Sheets- Common Size Income Statements and Balance Sheet analysis- Trend Analysis. Ratio Analysis – Introduction, Classification & Interpretation of Ratios-Liquidity ratios, Solvency ratios, Proprietary ratios, Profitability ratios, Leverage ratios and Turnover ratios.

Unit-IV: Cash flow statement and Management Reporting:

Introduction- Concept of Cash- Sources of cash flow Cash from operation- cash from Financing and cash from investment- Inflow and outflow of cash- Preparation of cash flow statements with adjustments. Management Reporting – Meaning and Definitions of reports- Objectives and Purpose- Reports to top level management – Reports to lower level management- Sample Reports

Readings:

Text Books (Latest Edition):

- Arora, M. N. Cost and Management Accounting, New Delhi: Himalaya Publishing House.
- Jain, S.P., & Narang, K.L. Cost Accounting. Principles and Practice, New Delhi: Kalyani Publishers.
- Kishor, R.M. Cost and Management Accounting. New Delhi: Taxman Allied Services.
- Pillai, R.S.N, Bagavathi, V., Cost Accounting. New Delhi: Sultan Chand.
- Arora, M.N. Management Accounting, New Delhi: Himalaya Publishing House
- Lal, J. Srivastav, Seema., Singh, Manisha. Cost Accounting: Test, Problems and Cases, New Delhi: Tata McGraw Hill Education

Course Outcomes:

On having completed this course student should be able to:

1. Interpret the relevant theories of cost and management accounting and prepare Cost sheet and quotations.
2. Ascertain Material and Labor cost, allocation and apportionment of overheads.
3. Interpret the financial statements for managerial decision making and preparation of management reports

CC 302	Legal and Ethical issues in business	4L:0T:0P	4 Credits
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Course Description:

This course provides a comprehensive exploration of the key legal concepts, regulations, and ethical dilemmas that businesses face across various sectors. Through lectures, case studies, and interactive discussions, students will develop the ability to critically analyze legal scenarios and ethical issues, and make informed decisions that align with both legal requirements and ethical business practices.

Course Objectives:

1. The course aims to provide students with the understanding of key legal and ethical issues in the business context of India
2. The course will help students analyze ethical dilemmas in business decisions
3. The course will help the students understand the legal and regulatory aspects of business ethics that concern the financial, competitive and charitable responsibilities of organisations.
4. The course will help the students gain knowledge about the ways in which organizational and individual factors impact business ethics

Course Content:

Unit 1: Introduction to Business Law

Business law – definition, scope, importance of understanding the role of law in business; Elements of a contract – offer and acceptance, consideration, contractual capacity; Essentials of a valid contract; Types of contracts; Performance obligations; Types of contract breaches and remedies; Product liability and consumer protection laws; Business torts; Employment law

Unit 2: Sales and Leases

Formation of Sales Contract: Contracts for Leasing Goods, Title and Risk of loss, Performance and remedies, Warranties and Product liability;

Introduction to Negotiable Instruments, Negotiability, Negotiation and Holders in due course; Liability and discharge, Bank customer Relations/Electronic Fund Transfers.

Unit 3: Introduction to Business Ethics

The definition and importance of business ethics, business ethics in the Indian context; Institutionalization of Business Ethics in the organization, benefits of Ethical Conduct in Business, Ethical Issues and Stakeholder Concerns; Social Responsibility and Regulatory Framework: Corporate social responsibility; Environment & business;

Issues related to Business Ethics in marketing, finance & human resource functions. Ethical responsibilities of multinational corporations; Ethical dilemmas facing businesses globally including issues related to discrimination, human rights, environmental impact, and intellectual property.

Unit 4: The Ethical Decision-making process

Philosophical approaches to ethical decision making; Ethics & Religious approaches; Moral & Legal aspects of ethical decision making: Ethical aspects in Bhagvat Gita; Kautilya's Arthshastra; Swami Vivekanand on Ethics; Swami Vivekanand's message to the youth of India; Ethical Decision Making in Organizations: Individual and Organizational Factors Influencing Ethical Decisions; Karma, Indian philosophy of work ethics; Kautilya's Arthshastra; Introduction to Integral Humanism; Ethical Decision-Making Frameworks to Improve Decision-Making Outcomes; Corporate Governance and its Impact on Ethical Decision-Making; Whistleblowing; Conflict Resolution.

Readings:

Text Books (Latest Edition):

1. Tulsian, P. C. Business and Corporate Laws. S. Chand Publishing.
2. Fernando, A.C. Business Ethics and Corporate Governance. Pearson
3. Bayern, S. Business Law Beyond Business. J. Corp. L., 46, 521.
4. Vivekanand, S. To the Youth of India. Advaita Ashrama.

References:

1. Ratan Tata: Ethical Leadership| By: Ashok K. Dua, Sumita Rai| Ivey Publishing| <https://hbsp.harvard.edu/product/W17258-PDF-ENG>
2. [www.https://scroll.in/tag/competition-commission-of-India](https://scroll.in/tag/competition-commission-of-India)
3. Mascarenhas, A. J. O. et al. (2019). J.R.D. Tata: Orations on Business Ethics. Rupa Publications India
4. Holloway, J. E. (2023). The Foundation of the Theory of Law and Business. Am. U. Bus. L. Rev., 12, 51.
5. Vivekanand, S. (2022) Karam Yoga: The Yoga of action. Sanage Publishing House LLP
6. Vivekanand, S. (2015): Lectures on Bhagavad Gita. CreateSpace Independent Publishing Platform
7. Laasch, O. (2022). Principles of Management. Sage Textbook

Suggested Exercises and Cases Unit 1

Cases:

1. *Salomon Vs. Salomon & Co. Ltd*
2. *Balfour Vs. Balfour*
3. *Durga Prasad Vs. Baldeo*

Unit 2

Cases:

1. *Mool Chand Ram Bhagat v. Harish Chandra*
2. *Coop. Cane Unions Federations v. West U.P. Sugar Mills Assn. (2004).*
3. *State of Maharashtra v. Champalal (1971).*
4. *Union of India v. Martin Lottery Agencies Ltd. (2009).*
5. *Camera House, Bombay v. State of Maharashtra (1969)*

Unit 3

1. Reflective exercise on ethics and morality in the context of Mahabharata.
2. Reflective exercise on integral humanism as given by Indian thought leaders.

Cases:

1. *Corporate America and Sarbanes-Oxley Act: Costs Vs. Benefits*
2. Apple: Privacy vs. Safety (A)| By: Henry W. McGee, Nien-he Hsieh, Sarah McAra, Christian Godwin| Harvard Business School| 321004-PDF-ENG
<https://hbsp.harvard.edu/product/321004-PDF-ENG>
3. Quick Case: Is Legal Compliance Good Enough? By: Bonnie Peter| Harvard Business Publishing| <https://hbsp.harvard.edu/product/8268-HTML-ENG>

Unit 4

Reflective and review Exercise: Karam Yog (Bhagvad Gita): lessons in ethics and self-leadership

Cases:

1. *CEO Compensation and Corporate Governance at NYSE*
2. *ICICI Bank: Restoring Faith in Corporate Governance*
<https://hbsp.harvard.edu/product/W19323-PDF-ENG>
3. *The Dance of Dharma: On the Difficulty of Being Good*
<https://hbsp.harvard.edu/product/821058-PDF-ENG>
4. *Blind Spots: The Roots of Unethical Behaviour in Life and Work | Max H. Bazerman, Ann E. Tenbrunsel | Rotman Management | ROT140-PDF-ENG*
| <https://hbsp.harvard.edu/product/ROT140-PDF-ENG>
5. *Leadership Simulation: Patient Zero* <https://hbsp.harvard.edu/product/7215-HTML-ENG>
6. *Eliot Spitzer: A Crusader of Corporate Reform*
7. *Sterlite copper plant shutdown*
8. *Facebook–Cambridge Analytica data scandal*

Course Outcomes:

1. Recall major laws and regulations and ethical principles that guide business conduct.
2. Analyse case studies to identify legal and ethical challenges within business operations.
3. Evaluate the effectiveness of existing legal frameworks in governing business practices
4. Propose solutions to ethical dilemmas based on ethical theories and principles that align with corporate social responsibility

CC 303	Human Resource Management	4L:0T:0P	4 Credits
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Course Description: Human Resource Management course will deal with HR policy, and HR Function in detail. HR planning, HRD, HR career Management, Performance, compensation and global HRM will be integral part of this course. Industrial relations, compliance and employment relations, HR analytics and Use of AI in HRM to reimagine HR Processes are the content of the course.

Course Objective(s):

1. The course will enable students to understand how HR plays a functional role, needed for organizational effectiveness and management.
2. Understand the difference between functional and strategic role of HR
3. Students will analyse the need for HR planning, Innovation, use of technology, and sector specific HR needs
4. Understand the innovation in HRM and best practices

Course Content:

Unit 1: The Nature of HRM

Human Resource Management—An Introduction; Human Resource Business Partnership HRM; HRM policies, HRM in globally competitive environment; Functional HRM; strategic human resource management

Unit 2: Plan, Acquire, Develop, Career Management

Employee life cycle approach, Human Resource Planning; Recruitment and Selection; Training and Development; Competency Management; Career Management Talent Management, Managing the GIG employees and Virtual employees and team

Unit 3: Engagement, Performance, compensation management, Industrial Relations, Compliance, Employment relations

Changing nature of Employee Engagement; Performance Management; Compensation and Benefits; Compensation for Special Groups, Industrial Relations; Workplace Laws and Regulations; Employment Relations

Unit 4: Technology, HR Analytics, Innovation

Human Resource Information and Analytics; Human Resource Management Innovations; Human Resource Management in Small and Medium Enterprises; Human Resource Management in the Service Sector, Organization Transformation and the Human Resource Leadership; Diversity, Equity and Inclusion; Workplace Wellness, sustainability goals and HRM , Green HRM and challenges.

Readings:

Text Books (Latest Editions):

1. DeNisi, A.S. ,Griffin,R.W and Sarkar,Anita Human Resource Management, Cengage Learning
2. Sengupta Amitabha, Human Resource Management: Concepts, Practices, and New Paradigms
3. Cascio, Wayne F., Managing Human Resources, Tata McGraw Hill, New Delhi
4. DeCenzo, David A, and Stephan P. Robbins, Fundamentals of Human Resource Management, Wiley India, New Delhi
5. Bhattacharyya, Dipak Kumar, Human Resource Management, Excel Books, New Delhi

Reference Books:

1. Innovations in People Management, Bhatnagar, J, Bajaj, Ghosh Somanth, Lakshmi Publications, New Delhi (book of cases)
2. relevant cases-*1. Prabhjot, Kaur and Bhatnagar, Jyotsna (2022) The Happy Turtle: Womanpreneur and Talent in a Circular Economy, published, Richard Ivey School Case collection, Product Number Product# W25373
3. Bohra, Rakesh and Bhatnagar, Jyotsna, (2022) One Employee Went Freelance. Now Everyone Wants the Same Deal, Harvard Business Review, March, 2022, (ABDC/A / FT 50)
4. Mukherjee A, and Bhatnagar J(2022) - Conceptualizing and theorizing green human resource management: a narrative review--International Journal of Manpower, Jul 2022;(ABDC/A)

Practical Exercises resources:

1. Innovations In People Management, Bhatnagar, J, Bajaj, Ghosh Somanth, Lakshmi Publications, New Delhi (book of cases)
2. Mukherjee A, and Bhatnagar J(2022) - Conceptualizing and theorizing green human resource management: a narrative review--International Journal of Manpower, Jul 2022;(ABDC/A)

Course Outcome(s):

This course will equip a student to:

1. Explain how Functional HRM contributes in organizational management.
2. Analyze all HR Functions like recruitment selection, performance management, compensation benefit, Training and Development and Career Management/Talent Management
3. Apply HR analytics, HR with innovation
4. Create sustainable goals with diversity, Inclusion and wellness

MDE 301	Indian Systems of Health and Wellness	1L:1T:0P	2 Credits
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Course Objective(s):

1. To understand the importance of a healthy lifestyle
2. To familiarize students about physical and mental health
3. To create an awareness of various lifestyle related diseases
4. To provide understanding of stress management

Course Content:

Unit 1: Introduction to Health & Wellness

- Definition of Health
- Importance of health in everyday life
- Components of health – physical, social, mental, spiritual and its relevance
- Concept of wellness
- Mental health and wellness
- Determinants of health behaviour

Unit 2: Mind Body and Well-Being

- Mind body connection in health – concept and relation
- Implications of mind-body connection
- Wellbeing – why it matters?
- Digital wellbeing

Unit 3: Deficiency & Diseases

- Malnutrition, under nutrition and over nutrition
- Body system and common diseases
- Sedentary lifestyle and risk of disease
- Modern lifestyle and associated health risks

Unit 4 : Indian system of well being

- Health beliefs of India
- Health systems in India – AYUSH.
- Perspective of indigenous people towards health
- Happiness and well-being in India

Exercises: - Visit to nearby Vipassana centre Text Books /

References:

- Carr, A. Positive Psychology: The science of happiness and human strength. UK: Routledge
- C. Nyambichu & Jeff Lumiri, , Lifestyle Disease: Lifestyle Disease management

Course Outcome(s):

After completion of this course the learner will be able to -

- Explain the concept and nature of health, wellness and its various implications
- Demonstrate adequate knowledge on well-being and promotion of healthy behavior.

SEC 301	Management Information System (MIS)	4L:0T:0P	4 Credits
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Course Objective

The course aims to provide students with comprehensive knowledge and practical skills in managing information systems (MIS), database management, information system applications, and project management using modern tools and methodologies. Students will learn to analyze, design, and implement effective MIS solutions in various business contexts.

Course Outcomes:

1. Understand the basic concepts, types, dimensions, and components of MIS, and evaluate the benefits and evolution of IT infrastructure in the digital firm era.
2. Apply database management principles by setting up and managing DBMS packages, creating Entity-Relationship diagrams, and understanding data models, data warehouses, and administration techniques.
3. Analyze various MIS applications, including DSS, GDSS, and knowledge management systems, and develop e-commerce solutions by leveraging enterprise models, business process reengineering, and digital communication strategies.

4. Evaluate project management objectives and methodologies, including agile practices such as SCRUM, and manage projects effectively to control risk factors and understand ethical, social, and political issues in the information era.

Course Content :

Unit 1: Fundamentals concepts of MIS

Basics concepts of MIS/ Types of MIS, Dimension and components of IS, Benefits of MIS, IT infrastructure, and IT infrastructure evolution, Components of IT infrastructure, New approaches for system building in the digital firm era

Unit 2: Data base management system:

Objectives of data base approach- Characters of database Management systems- Data processing system- Components of DBMS packages - Data base administration- Entity – Relationship (conceptual)

Unit 3 : Information system applications:

MIS applications, DSS – GDSS - DSS applications in E enterprise - Knowledge Management System and Knowledge Based Expert System - Enterprise Model System and E-Business, E- Commerce, E-communication, Business Process Reengineering.

Unit 4: Managing Projects

Objectives of project management, Fundamentals of project management information systems with agile methodologies -Introduction of SCRUM, Roles and meetings, User stories, Project risk, Controlling risk factors, Ethical, social, and political issues in the information era.

Practical Work List (Suggestive)

- Analyze a real-world Management Information System (MIS) implementation case, identifying the types of MIS used, benefits realized, and challenges faced. Present findings using written and visual formats.
- Set up and manage a Database Management System (DBMS), perform basic operations, and create an Entity-Relationship diagram for a business scenario to demonstrate database conceptual design.
- Design and build an e-commerce website, incorporating features of digital markets, digital goods, and e-commerce business models.
- Manage a mock project using agile methodologies, including roles, meetings, user stories, and risk management.

Text Book –(Latest Edition):

1. Laudon, K. C., & Laudon, J. P.. Management information systems: managing the digital firm. Fifteenth Edition. Pearson.
2. Coronel, C., & Morris, S.. Database systems: design, implementation, & management. Cengage Learning.
3. Olson, D. . Information systems project management (First;1; ed.). US: Business Expert Press.
4. Schiel, J. The ScrumMaster Study Guide. Auerbach Publications.
5. The Scrum Master Guidebook: A Reference for Obtaining Mastery" , CHANDAN LAL PATARY
6. Scrum: The Art of Doing Twice the Work in Half the Time", Jeff Sutherland, J.J. Sutherland
7. Stair, R., & Reynolds, G. Fundamentals of information systems. Cengage Learning.

Case Studies

1. Developing MIS for National Innovation Foundation: Choosing Process, Product and Vendor, Sanjay Verma; Priyanka Sharma, <https://hbsp.harvard.edu/product/A00137-PDF-ENG?Ntt=MIS>
2. Enterprise-Wide Business-IT Engagement In An Empowered Business Environment: The Case Of FedEx Express EMEA, Stijn Viaene; Steven De Hertogh, <https://hbsp.harvard.edu/product/IIT025-PDF-ENG?Ntt=MIS>
3. From Products to Product-Service Systems: IT-Driven Transformation of a Medical Equipment Manufacturer, Jens Fahling; Felix Kobler; Jan Marco Leimeister; Helmut Krcmar, <https://hbsp.harvard.edu/product/IIT062-PDF-ENG?Ntt=MIS>

VAC301	Yoga/Sports/NCC/NSS	0L:0T:4P	2 Credits
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Note: All the theoretical contents shall be delivered through the practical workshop mode only. No class room teaching is encouraged in this course.

YOGA

Yoga course is designed to provide students with a comprehensive understanding of physical fitness, wellness, and nutrition. This course explores the meaning and importance of yoga in the modern era, the role of sports in maintaining physical fitness, and the various components of physical wellness. Students will also learn about the significance of nutrition and weight management, equipping them with the knowledge to promote a healthy and balanced lifestyle. Through this course, students will gain insights into the holistic approach to health and well-being.

Course Objective(s):

- Understand yoga's significance and its practical applications for holistic well-being.
- Explore subtle energy systems and their role in enhancing health through yogic practices.
- Examine various paths of yoga to foster self-realization and spiritual growth.
- Master the Eight Limbs of Yoga for physical, mental, and spiritual harmony.
- Apply yogic principles to manage psycho-somatic ailments and promote resilience.

Course Content:

Unit-I

- Yoga: Meaning and definition
- Importance of yoga in 21st century
- Introduction to Yogic Anatomy and Physiology
- Yoga & sports, Yoga for healthy lifestyle
- Types of Yoga: - Hatha yaga, laya yoga, mantra yoga,
- bhakti yoga, karma yoga, jnana yoga, raj yoga
- Study of Chakras, Koshas, Pranas, Nadis, Gunas, Vayus and its application in Yogic practices.
- Ashtang Yoga: - Yama, niyama, asana, pranayama, Pratyahar, dharna, dhyan, Samadhi : Benefits, Utilities & their psychological impact on body and mind. According to yoga concept of normality in modern psychology, concept of personality & its development, yogic management of psycho-somatic ailments: frustration, anxiety, depression

Unit- 2

- Sports for Physical Fitness: Meaning and definition
- Physical Activity – Concept, Benefits of Participation in Physical Activities
- Components and Significance of Physical Fitness -Health, Skill and Cosmetic

Fitness

- Types of Physical Activities – Walking, Jogging, Running, Calisthenics, Rope Skipping, Cycling, Swimming, Circuit Training, Weight training, Adventure Sports
- Principles of Physical Fitness, Warming Up, Conditioning, Cooling Down, Methods to Develop and Measure Health and Skill related components of Physical Fitness
- Measurement of Health Related Physical Fitness (HRPF)

Unit -3

- Physical Wellness: Concept, Components
- Types of wellness: psychological, social, emotional, and spiritual.
- Significance with reference to Positive Lifestyle 2.2
- Concepts of Quality of Life and Body Image
- Factors affecting Wellness
- Wellness Programmes

Unit-4: Nutrition and Weight Management

- Concept of Nutrients, Nutrition, Balanced Diet, Dietary Aids and Gimmicks
- Energy and Activity- Calorie Intake, Energy Balance Equation
- Obesity - Concept, Causes, Obesity Related Health Problems

Weight Management through Behavioural Modifications

Text Books / References (Latest Edition):

- Anand O P. Yog Dawra Kaya Kalp. Sewasth Sahitya Perakashan. Kanpur.
- Brown, J.E. Nutrition Now Thomson-Wadsworth.
- Corbin et.al.Fitness & Wellness-Concepts. McGraw Hill. Publishers. New York.U.S.A
- Corbin, C. B., G. J. Welk, W. R Corbin, K. A. Welk, Concepts of Physical Fitness: Active Lifestyle for Wellness. McGraw Hill, New York, USA.
- Hoeger, W W K and S.A. Hoeger. Principles and Labs for Fitness and Wellness, Thomson Wadsworth, California, USA.
- Hoeger, W.W. & S. Hoeger Fitness and Wellness. 7th Ed. Thomson Wadsworth, Boston, USA.
- Kamlesh, M. L. & Singh, M. K., Physical Education (Naveen Publications).
- Kansal, D.K. Text book of Applied Measurement, Evaluation & Sports Selection. Sports & Spiritual Science Publications, New Delhi.
- Kumari, Sheela, S., Rana, Amita, and Kaushik, Seema,, Fitness, Aerobics and Gym Operations, Khel Sahitya, New Delhi
- Lumpkin, A. Introduction to Physical Education, Exercise Science and Sports Studies, McGraw Hill, New York, U.S.A.
- Sarin N) Yoga Dawara Rogon Ka Upchhar.Khel Sahitya Kendra
- Savard, M. and C. Svec The Body Shape Solution to Weight Loss and Wellness: The Apples & Pears Approach to Losing Weight, Living Longer, and Feeling Healthier. Atria Books, Sydney, Australia.
- Siedentop, D. Introduction to Physical Education, Fitness and Sport, McGraw Hill Companies Inc., New York, USA.

- Sri Swami Ramas. Breathing. Sadhana Mandir Trust.Rishikesh.
- Swami Ram Yoga & Married Life Sadhana Mandir Trust. Rishikesh

Course Outcome(s):

- i. Gain a comprehensive understanding of yoga and its modern applications for holistic well-being.
- ii. Demonstrate proficiency in yogic anatomy and physiology, enhancing yoga practice and promoting physical and energetic balance.
- iii. Master the Eight Limbs of Yoga and comprehend their psychological impact, fostering personal growth and self-realization.
- iv. Integrate yoga principles into sports and physical fitness activities to enhance performance and prevent injuries.
- v. Develop skills in wellness management and nutrition

SPORTS

Sports course offers undergraduate students a comprehensive introduction to the field, covering key principles, organizational structures, and ethical considerations. It also includes marketing, sponsorship, financial management techniques, and the use of analytics and technology in sports to enhance strategic decision-making and fan engagement.

Course Objective(s):

- i. Understand the fundamental principles and concepts of sports management, including its scope, organizational structure, and ethical considerations.
- ii. Analyse the role of marketing and sponsorship in the sports industry, with a focus on branding, target audience segmentation, and event management.
- iii. Develop proficiency in financial management techniques specific to the sports industry, including revenue generation, cost management, and investment strategies.
- iv. Apply theoretical knowledge to practical scenarios through case studies and projects, fostering critical thinking and problem-solving skills in sports management contexts.
- v. Explore the application of analytics and technology in sports, including performance evaluation, strategic decision-making, and fan engagement.
- vi.

Course Title: Sports I

Course Content (Any Two out of 4 Units):

Unit -1: Introduction to Physical Education in The Contemporary Context (Any Two)

Learn and demonstrate the technique of Suryanamaskar

Develop Physical Fitness through Calisthenics / Aerobics / Circuit-Training / Weight-Training and demonstrate the chosen activity

Select any one game available in the college and learn different techniques involved in its play

Unit -2: Core Physical Education:- Fitness, Wellness and Nutrition (Any Two)

Measurement of Fitness Components – Leg-raise for Minimal Strength (Muscular Strength); Sit-ups (Muscular Endurance); Harvard Step Test, Run and Walk Test (Cardiovascular Endurance); Sit and Reach Test (Flexibility) Measuring height, weight, waist circumference and hip circumference

Calculation of BMI (Body Mass Index) and Waist-Hip Ratio
Engage in at least one wellness programme and write a report on it.

Unit-3:Core Physical Education:- Posture, Athletic Care and First Aid (Any Two)

Demonstrate Stretching and Strengthening Exercises for Kyphosis, Scoliosis, Lordosis, Knock Knees, Bow Legs, Flat Foot, Back Pain and Neck Pain

Illustration and Demonstration of Active and Passive Exercises

Asanas with Therapeutic Value (Any five asanas): Karnapeedhasana, Padmasana, Dhanurasana, Sarvangasana, Paschimottanasana, Chakrasana, Halasana, Matsyasana, Ardhamatsyendrasana, Ushtrasana, Mayurasana, Shirshasana, Vajrasana, Practice P.R.I.C.E. in First Aid.

Unit-4:Sports Administration & Management (Any Two)

- Demonstration of Supervision activities in Sports Management.
- Demonstration of skills of Management.
- Demonstration of fixtures of various kinds in sports competitions.
- Demonstration of technical and non-technical purchase procedure.

Text Books: (latest Edition)

1. Teaching Children Physical Education: Becoming a Master Teacher. Graham, G., Human Kinetics, Champaign, Illinois, USA.
2. Concepts of Physical Fitness: Active Lifestyle for Wellness, Corbin, C. B., G. J. Welk, W. R. Corbin, K. A. Welk, McGraw Hill, New York, USA.
3. Teaching Today Health, Anspaugh, D.J., G. Ezell and K.N. Goodman, Mosby Publishers.
4. Drug Education Handbook on Drug Abuse in Sports, Beotra, Alka, Applied Nutrition Sciences, Mumbai
5. Sports Facility Management, Ammon, R., Southall, R.M. and Blair, D.A., West Virginia, USA: Fitness Information Technology Publishers

Course Title: Sports II

Course Contents (Any Two out of 4 Units)

Unit 1:Sports for all (Any Two)

To participate in any intramural Tournaments (one team game and one Individual Game) of choice. To participate/ attend at least 15 hours in Fitness training at Field or at Gymnasium. Participate in at least one track and one field event on Annual Sports day. To participate in Inter College Tournament

Unit 2:Media and Careers in Physical Education (Any Two)

Organize an event / intramural / tournament in your college. Prepare a News Report of an observed Sports competition.

Create a presentation on any topic from Physical Education using an audio-visual aid.

Demonstrate Warming-up / Conditioning / Cooling-down exercises.

Unit -3:Management of Aerobics & Group Training (Any Two)

Measurement of Fitness Components – Leg-raise for Minimal Strength (Muscular Strength); Sit- ups (Muscular Endurance); Harvard Step Test or Run and Walk Test (Cardiovascular Endurance); Sit and Reach Test (Flexibility)

Measurement of Pulse Rate / Heart Rate at Radial Artery and Carotid Artery, Calculation of Target Heart Rate Developing a 5-10-minute routine of aerobics with appropriate music for each component of health related physical fitness

Unit -4:Sports Industry & Marketing (Any Two)

Identify an issue or a trend in the sports industry: Players in professional or college sports or Ownership

Marketing Plan: Environmental Factors and Product Plan Draft, Paper bibliography/ works cited, Sponsorship proposal, Developing a budget plan for an event Athlete branding

Text Books: (latest Edition)

1. 7 Habits of Highly Effective People, Covey, S., Covey Publications, USA
2. Motor Learning and Control: Concepts and Applications, Magill, R.A., McGraw Hill Publication.
3. Principles and Practices of Sport Management, Masteralexis, L.P., C. Barr and M. Humms, Jones and Bartlett Publisher
4. Fitness through Aerobics, Bishop, J.G., Benjamin Cummings USA.
5. Physical Activity and Health: An Interactive Approach, Brown K.M., Jones and Bartlett Publisher
6. Sponsorship in marketing: Effective communications through sports, arts and events, Cornwell. T.B, Routledge Publishers
Sports Marketing: A Practical Approach, DeGarris, L., Routledge Publishers, USA

National Cadet Corps (NCC)

This course develops essential skills in discipline, leadership, and tactical operations through structured curriculum and practical exercises. It emphasizes the role of drills in fostering discipline, leadership, and teamwork, and includes comprehensive weapon handling training with a focus on safety protocols. The course teaches map reading, understanding topographical features, and navigating diverse terrains. Practical units cover the history and objectives of the National Cadet Corps (NCC), various maneuvers, parade formations, saluting protocols, and field and battlecraft techniques. By the end, learners will master discipline, leadership, weapon handling, and tactical decision-making, effectively utilizing terrain features for strategic advantages.

Course Objective(s):

1. Understand the foundational role of drill in fostering discipline and leadership within a group, enabling effective command towards achieving common goals.
2. Appreciate the importance of grace and dignity in executing foot drill movements, recognizing their significance in enhancing performance and teamwork.
3. Comprehend the criticality of weapon handling and detailed safety measures, emphasizing the importance of accident prevention through strict adherence to safety protocols.
4. Develop an awareness of diverse terrain types and their strategic significance in battle craft, enabling informed decision-making and effective utilization of terrain features for tactical advantage.

Course Content (Practical):

Unit 1:

Overview of NCC, its history, aims, objectives, and organizational structure, Incentives

and duties associated with NCC cadetship; Maneuvers: Foot drill, Word of Command, Attention, and stand at ease, and Advanced maneuvers like turning and sizing; Parade

formations: Parade line, open line, and closed line; Saluting protocols, parade conclusion, and dismissal procedures. Marching styles: style march, double time march, and slow march

Unit 2:

Weapon Training, Handling firearms, Introduction and characteristics of the .22 rifle; Handling Firearm techniques, emphasizing safety protocols and Best practices.

Unit 3:

Map Reading (MR): Topographical forms and technical terms, including relief, contours, and gradients, crucial for understanding terrain features; Cardinal points, magnetic variation and grid convergence

Unit 4:

Field Craft & Battle Craft (FC & BC): Fundamental principles and techniques essential for effective field and battle craft operations; Methods of judging distance, including estimation, pacing, and visual cues

References: (Latest Editions)

- DGNCC Cadet's Hand Book - Common Subjects -All Wings
- Tiwari, R. NCC: Grooming Feeling of National Integration, Leadership and Discipline among Youth. Edwin Incorporation.
- Chhetri, R.S. Grooming Tomorrows Leaders, The National Cadet Corps.
- [Directorate General National Cadet Corps](#) . National Cadet Corps, Youth in Action.
- Vanshpal, Ravi, The NCC Days, Notion Press.

Course Outcome(s):

1. Mastery of Discipline and Leadership through Drill Learners would demonstrate the ability to effectively command a group, foster discipline, and work collaboratively towards achieving shared objectives.
2. Mastery of Grace and Dignity in Foot Drill Performance Learners would demonstrate an understanding of how these qualities enhance performance and foster teamwork within a group setting.
3. Proficient Weapon Handling and Safety Adherence Learners would showcase a thorough understanding of the criticality of safety measures, emphasizing accident prevention through strict adherence to safety protocols.
4. Enhanced Tactical Awareness and Strategic Decision-Making Learners would gain the ability to make informed decisions and effectively utilize terrain features to gain tactical advantage during operations.

National Service Scheme (NSS)

This course provides students with an in-depth understanding of the National Service Scheme (NSS), including its history, philosophy, aims, objectives, and organizational structure. It equips students with knowledge about various NSS programmes and activities, emphasizing their relevance and importance. The course also develops skills in community mobilization, teaching students effective techniques for engaging and mobilizing community stakeholders. Additionally, it cultivates an appreciation for volunteerism and shramdan (voluntary labor), highlighting their role in community development initiatives. By the end of the course, students will have a comprehensive understanding of NSS, enhanced leadership and team-building skills, and a strong sense of social awareness and patriotism.

Course Objective(s):

1. To provide students with an understanding of the history, philosophy, and basic concepts of the National Service Scheme (NSS).
2. To familiarize students with the aims, objectives, and organizational structure of NSS.
3. To equip students with knowledge about NSS programmes, activities, and their relevance.
4. To develop an understanding of community mobilization techniques and their importance in NSS activities.
5. To cultivate an appreciation for volunteerism, shramdan (voluntary labor), and their role in community development initiatives.

Course Content:

Unit 1: Introduction and Basic Concepts of NSS

National Service Scheme (NSS) - history, philosophy, and fundamental concepts, aims and objectives, providing clarity on the organization's overarching goals. Symbols of NSS - Emblem, flag, motto, song, and badge; Organizational structure of NSS

Unit 2: NSS Programmes and Activities

Diverse programmes and activities conducted under the aegis of the National Service Scheme (NSS); Significance of commemorating important days recognized by the United Nations, Centre, State Government, and University; Examination of the methodology for adopting villages/slums and conducting surveys; Financial patterns of the NSS scheme

Unit 3: Community Mobilization

Dynamics of community mobilization within the framework of the National Service Scheme (NSS); Functioning of community stakeholders; The conceptual lens of community development

Unit 4: Volunteerism and Shramdan in the Indian Context: Roles and Motivations

within the NSS Framework

Ethos of volunteerism and shramdan (voluntary labor) within the cultural context of India and the framework of the National Service Scheme (NSS); Motivations and constraints shaping volunteer engagement; Role of NSS volunteers in initiatives such as the Swatch Bharat Abhiyan and Digital India

References:

1. Ministry of Youth Affairs and Sports, Government of India. (2022). National Service Scheme (NSS) Manual.
2. Agarwalla, S. (2021). NSS and Youth Development. Mahaveer Publications
3. Bhattacharya, P. (2024). Stories Of NSS (English Version). Sahityasree.
4. Borah, R. and Borkakoty, B. (2022). NSS in Socioeconomic Development. Unika Prakashan.
5. Wondimu, H., & Admas, G. (2024). The motivation and engagement of student volunteers in volunteerism at the University of Gondar. *Discover Global Society*, 2(1), 1-16.
6. Saha, A. K. (2002). Extension Education–The Third Dimension Needs and Aspirations of Indian Youth. *Journal of Social Sciences*, 6(3), 209-214.
7. Mills, S. (2013). “An instruction in good citizenship”: scouting and the historical geographies of citizenship education. *Transactions of the Institute of British Geographers*, 38(1), 120–134. <http://www.jstor.org/stable/24582445>
8. Mishra, S. K., Sachdev, S., Marwaha, N., & Avasthi, A. (2016). Study of knowledge and attitude among college-going students toward voluntary blood donation from north India. *Journal of blood medicine*, 19-26.
9. Mukherji, B. (2007). Community Development in India. Orient Longmans.
10. History Background of NSS and its Philosophy, Aims and Objectives
11. <https://www.osmania.ac.in/NSS%20URL/9.%20%20Historical%20Background%20of%20NSS%20and%20its%20Philosophy,%20Aim.pdf>
12. In Defence of Nationalism <https://www.mkgandhi.org/indiadreams/chap03.htm>
13. Unlocking Youth Potential for Nation Building: Strengthening NYKS and NSS
14. <https://www.undp.org/india/projects/strengthening-nyks-and-nss>

Course Outcome(s):

1. Students will demonstrate an understanding of the history, philosophy, and objectives of the National Service Scheme (NSS), thereby fostering increased social awareness and patriotism among them.

2. Students will be able to organize and conduct various NSS programmes and

activities effectively and through it understand the importance of leadership and team building.

3. Students will develop skills in community mobilization and partnership building.
4. Students will appreciate the importance of volunteerism and shramdan in societal development and thus, be able to understand role of community participation.

SEMESTER –IV

SEMESTER -IV

CC 401	Entrepreneurship and Startup Ecosystem	1L:1T:0P	2 Credits
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Course Objective(s):

- To understand Entrepreneurship and its types
- To understand that not all ideas can be turned into viable business models and guestimate business potential of an idea
- To understand different type of finances available and financing methods
- To be able to draft business plans on an identified idea
- To understand the nuances of operating a startup – low budget marketing, stabilizing operations, build a team from scratch and scaling the business
- To know what is a Family Business and how is it different from Entrepreneurship

Course Content:

Unit 1: Introduction to Entrepreneurship & Family Business

- Definition and Concept of entrepreneurship
- Entrepreneur Characteristics
- Classification of Entrepreneurs
- Role of Entrepreneurship in Economic Development –Start-ups
- Knowing the characteristics of Family business with discussion on few Indian cases of Family Business like Murugappa, Dabur, Wadia, Godrej, Kirloskar etc.

Unit 2: Evaluating Business opportunity

- Sources of business ideas and opportunity recognition
- Guesstimating the market potential of a business idea
- Feasibility analysis of the idea
- Industry, competition and environment analysis

Unit 3: Building Blocks of starting ventures

- Low cost Marketing using digital technologies
- Team building from scratch
- Venture Funding
- Establishing the value-chain and managing operations
- Legal aspects like IPR and compliances

Unit 4: Start-up Ecosystem

- Know the components of the start-up ecosystem including Incubators, Accelerators, Venture Capital Funds, Angel Investors etc.
- Know various govt. schemes like Start-up India, Digital India, MSME etc.

- Sources of Venture Funding available in India
- Source of Technology, Intellectual Property management

Text Books (Latest Edition):

1. *Startup India Leaning Program* by Start Up India available at www.startupindia.gov.in
2. *Entrepreneurship*, Rajeev Roy, Oxford University Press
3. *Entrepreneurship: Successfully Launching New Ventures* by R. Duane Ireland Bruce R. Barringer, Pearson Publishing
4. *Family Business Management* by Rajiv Agarwal, Sage Publishing
5. Anish Tiwari , “Mapping the Startup Ecosystem in India”, *Economic & Political Weekly*
6. Ramachandran, K, *Indian Family Businesses: Their survival beyond three generations*, ISB Working Paper Series

References

Course Outcome(s):

At the end of the course, the student would be able to -

- Understand basic building blocks of creating a venture
- Be able to identify a business opportunity and translate it into a viable business model
- Identify the elements of the Indian entrepreneurship ecosystem and take relevant benefits from the constituents
- Know the legacy of family businesses and key differentiations from entrepreneurship

CC 402	Operations Management	3L:1T:0P	4 Credits
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Course Description:

Operations Management introduces students to the fundamental principles and practices essential for managing business operations efficiently. This course covers various production systems, process design, quality management, and emerging trends in operations management. Students will learn to optimize processes, implement quality management principles, and adapt to technological and sustainable advancements, preparing them to manage operations in a dynamic business environment.

Course Content:

Unit 1: Introduction to Operations Management

Operations management is the backbone of any organization, involving the planning, organizing, and supervision of processes. This unit covers the significance of operations management in achieving organizational success by enhancing efficiency, ensuring quality, and delivering customer satisfaction. Students will explore different production systems, the alignment of operations with business strategies, and the key functions of operations management, including planning, organizing, staffing, leading, and controlling.

Unit 2: Process Design and Analysis

This unit delves into the strategic decisions involved in selecting and designing processes and layouts. Students will learn to analyze processes using tools like flowcharts and process maps and explore various techniques for continuous improvement. The unit also covers capacity planning, providing strategies to balance capacity and demand effectively. Emphasis is placed on understanding process choices, layout decisions, and the importance of space utilization, flexibility, cost, safety, and comfort.

Unit 3: Quality Management

Quality management is crucial for delivering products and services that meet customer expectations and adhere to industry standards. This unit explores essential quality concepts, the principles of Total Quality Management (TQM), and the implementation of Six Sigma and Lean Manufacturing. Students will learn various tools and techniques to enhance quality, reduce defects, and improve operational efficiency, leading to higher customer satisfaction and competitive advantage.

Unit 4: Emerging Trends in Operations Management

The field of operations management is continuously evolving with new trends and technologies. This unit focuses on sustainable operations, the impact of technology, and the complexities of global operations. Students will understand the importance of integrating sustainable practices, leveraging advanced technologies like AI and IoT, and managing operations in a global context. These insights will prepare students to adapt to the dynamic business environment and drive operational excellence.

Textbooks (latest Edition):

1. Operations Management by William J. Stevenson
2. Operations Management: Processes and Supply Chains by Lee J. Krajewski, Manoj K. Malhotra, and Larry P. Ritzman
3. The Goal: A Process of Ongoing Improvement by Eliyahu M. Goldratt and Jeff Cox
4. Introduction to Operations and Supply Chain Management by Cecil C. Bozarth and Robert B. Handfield

Case Topics:

- Case study on Toyota's Production System: Exploring Lean Manufacturing.
- Analysis of Amazon's supply chain operations for customer satisfaction and efficiency.
- Case on Zara's fast fashion operations strategy and its global supply chain management.

Reference Paper

Jaboob, A. S., Awain, A. M. B., & Ali, K. A. M. (2024). Introduction to Operation and Supply Chain Management for Entrepreneurship. In Applying Business Intelligence and Innovation to Entrepreneurship (pp. 52-80). IGI Global.

References *Course*

Outcomes:

1. Understand the core principles of operations management and their significance in enhancing efficiency, quality, and customer satisfaction.
2. Analyze different production systems and develop strategies aligned with business objectives.

3. Optimize operational processes through effective process design, layout decisions, and capacity planning.
4. Implement quality management principles to enhance product/service quality and reduce defects.
5. Evaluate emerging trends in operations management, such as sustainable operations and technological advancements.

Pedagogy

This course uses multiple pedagogies like interactive lectures, student discussions and PPTs, research articles, case studies, and simulation exercises.

CC 403	Financial Management	3L:1T:0P	4 Credits
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Course Description:

Financial Management is offered with intent to equip the students with the basic knowledge of finance theory and its application to develop relevant financial strategies pertinent to profit-seeking organizations. The theme of financial management is structured around three decision making financial areas: Investment- long and short term, Financing and Dividend policy. This imbibes students with analytical and decision-making skills in managing finance through application of theoretical questions and practical problems.

Course Objectives:

1. To apply the knowledge in taking finance decisions
2. To develop analytical skills to identify financial management problems and solve them.
3. To analyse the relationship among capital structure, cost of capital, dividend decisions, and value of the business.
4. To assess a firm's requirement for long-term assets by applying capital budgeting techniques.

Course Content:

Unit I: Introduction to Financial Management

Meaning of finance and financial management, Types of finance, Objective and Scope of financial management– profit maximization and wealth maximization - merits and criticisms- Financial decisions, Internal relation of financial decisions, Factors influencing financial decisions, Functional areas of financial management, Functions of a finance manager, Agency Cost, Definition of ethics and the importance of ethics in

Finance, Sources of Finance: Ownership securities – Equity shares, Preference shares, Deferred shares, No par stock/shares, Shares with differential rights, Sweat Equity
Creditorship securities – Debentures – Zero coupon bonds, Zero interest bonds, Callable bonds, Deep discount bonds Internal financing or ploughing back of profit – short term and long term sources. Startup finance-Bootstrapping, Series Funding.

Unit II: Capital Structure & Capitalization

Meaning of capitalization – Theories of capitalization – cost theory and earnings theory. Over capitalization and under capitalization (Theory) – causes – effects and remedies, Watered stock, Over trading and under trading. Meaning of capital structure and financial structure, principles of capital structure, Optimum Capital Structure, Determinants of capital structure, capital gearing-Theories of Capital structure, Effect of capital structure on EPS, EBIT-EPS Analysis, Point of indifference-Practical Problems

Unit III: Cost of Capital, Leverages and Managing Working Capital

Meaning of cost of capital, significance of cost of capital, components of cost of capital – Computation of Cost of capital and Weighted Average Cost of Capital, CAPM-Practical Problems. Meaning of Leverage, Types of Leverages – operating, financial and combined leverage, risk and leverage – practical problems.

Managing working Capital - Meaning of working capital, types of working capital, working capital cycle, adequate working capital, determinants of working capital, estimation of working capital-Practice problems. Management of cash. Management of inventory and debtors.

Unit IV: Capital Budgeting and Dividend policy

Meaning of Capital Budgeting, Importance, Need, Time value of money-Present and Future Value (Simple Problems), Capital budgeting process, project appraisal by using traditional methods and modern methods, Practical problems on Payback Period, Net Present Value, Profitability Index, IRR and MIRR methods, Dividend policy-Meaning, Kinds, Theories of dividend decisions, determinants of dividend policy decisions, Companies Act, 2013 and SEBI Guidelines on Dividend Distribution.

Readings:

Textbooks (Latest Editions):

1. Khan, M, Y, & Jain, P, K . Financial Management. Tata Mc Graw Hill.
2. Chandra, P. Financial Management. New Delhi, India. Tata McGraw Hill Book Co.
3. Pandey, I.M. Financial Management. New Delhi, India. Vikas Publishing House.
4. Kumar, A. Financial Management, Khanna Publishing House.
5. Gupta, S, K., Sharma, R.K. & Gupta, N . Financial Management. Kalyani Publishers.
6. Khan, M, Y, & Jain, P, K . Financial Management. Tata Mc Graw Hill.
7. Brigham and Houston. Fundamentals of Financial Management, Cengage Learning.

Course Outcomes:

On having completed this course, student should be able to:

1. Summarize the motives behind financial decision making.
2. Interpret the relevant theories and concepts of various practices of financial management and ethics in Finance.
3. Analyze the relationship among capital structure, cost of capital, dividend decisions, and value of the business.
4. Evaluate projects for profitability

CC 404	Business Research Methodology	3L:1T:0P	4 Credits
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Course Description: Business Research Methodology provides an in-depth understanding of the fundamental concepts and applications of research methods in business. This course covers various research designs, data collection methods, statistical techniques, and the process of writing research reports. Through this curriculum, students will develop the skills required to design sound research, effectively collect and analyze data, and communicate research findings comprehensively.

Course Objectives:

1. To grasp the fundamentals of research methodology and apply them in various research or project works.
2. To identify and utilize appropriate research methods aligned with research objectives.
3. To master the techniques of data collection, editing, and analysis to prepare for advanced studies and professional requirements.
4. To learn the intricacies of interpreting data and writing comprehensive research reports.

Course Contents:

Unit 1: Introduction to Research

This unit explores the definition, history, evolution, and types of scientific inquiry and research. It addresses the ethical considerations in research, the process of research, and the characteristics and components of good research work.

Unit 2: Formulating the Research Problem

Students will learn how to identify and formulate research problems, conduct literature reviews, and develop research questions and objectives. This unit also covers the process of creating effective research designs.

Unit 3: Measurement and Data Collection

This unit focuses on measurement and scaling, discussing different types of data, sources of measurement error, and scale construction techniques. It also covers various data collection methods, including questionnaires, interviews, and observations.

Unit 4: Data Analysis and Interpretation

Topics include sampling methods, data preparation (editing and coding), and hypothesis testing using parametric and non-parametric tests. This unit also discusses the tools and techniques for data visualization like charts, tables, and box plots.

Suggested Case Topics:

- Using Market Research to Assess Willingness to Pay for Pricing Decisions by: Kamel Jedidi, Robert J. Morais (2023) - <https://hbsp.harvard.edu/product/CU378-PDF-ENG>

Textbooks and (Latest Edition):

1. *Malhotra, N. K., Nunan, D., & Birks, D. F. , Marketing research. Pearson UK.*
2. *Research Methodology* by Ranjit Kumar.
3. *Research Methods for Business* by Uma Sekaran.
4. *Methodology of Research* by C.R. Kothari.

Suggested Pedagogy:

The course utilizes a combination of lectures, hands-on projects, case studies, and practical assignments to provide a comprehensive learning experience. Students are encouraged to engage with statistical software for data analysis and participate in group discussions to enhance their understanding and application of research methodologies.

References

Course

Outcomes:

1. Prepare a detailed research plan covering all essential aspects of a research project.

2. Construct and administer effective research instruments like questionnaires.
3. Execute data collection strategically to gather relevant information.
4. Apply advanced statistical techniques for data interpretation.
5. Draft comprehensive research reports tailored to specific audience needs.

VAC 401	Business Environment and Public Policy	2L:1T:0P	2 Credits
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Business Environment and Public Policy

Course Objective(s):

The objective of this course is to give an orientation to the students with various aspects of economic, social, political and cultural environment of India. This will help them in gaining a deeper understanding of the environmental factors influencing Indian business organizations. Additionally, delving into public policies will give students a grasp of the regulatory framework and government initiatives shaping the business landscape in India.

Course Content:

Unit 1:

Theoretical Framework of Business Environment: Concept, Significance and Nature of Business Environment. Micro and Macro Dimensions of Business Environment, Changing Dimensions of Business Environment. Problems and Challenges of Indian Business Environment.

Unit 2:

Global Framework: EPRG Framework, Liberalization, Privatization & Globalization concept & its impact on Indian Economy. Significance of FDI & FII, IMF & WTO, Regional Economic Integrations in the development of the Nations.

Unit 3:

Public Policies: Background, Meaning and Importance of Public Policy. Significance of Industrial Policy, Fiscal Policy, Monetary Policy, Foreign Trade Policy, FERA & FEMA. Structural Adjustment Programs and Banking Sector Reforms in India.

Unit 4:

Problems and Challenges of Growth of Economy: Unemployment, Poverty, Regional Imbalance. Social Injustice, Inflation, Parallel economy, Lack of technical knowledge and information. Remedies to solve these problems, Challenges & Opportunities of Indian Business Environment.

Unit 5:

Emerging Trends in Business: Concepts, Advantages and Limitations-Franchising, Aggregators, Business Process Outsourcing (BPO) & Knowledge Process Outsourcing (KPO); E-Commerce, Digital Economy. Technological Growth and MNC's.

Text Books / References:

1. K. Aswathappa: Essentials of Business Environment, Himalaya Publishing House.
2. Francis Cherunilam: Business Environment, Himalaya Publishing House.
3. A. C. Fernando: Business Environment, Pearson.
1. Dr. S Sankaran: Business Environment, Margham Publications.
2. Dr V Murali Krishna: Business Environment, Spectrum Publications.
3. Namitha Gopal: Business Environment, McGraw Hill.

Course Outcome(s):

At the end of the course student will be able to:

1. Understand relationship between environment and business, different concepts & its implementation.
2. Integration of business environment principles and strategies into domestic and international business.
3. In-depth knowledge of public policies and reforms since independence.
4. Apply the knowledge to analyse the current situations and take prudent decisions.

CC 405	International Business	0L:1T:2P	2 Credits
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Course Objectives:

The course aims to help students to understand the evolution and significance of international trade in contemporary business environment and examine various economic integration by analyzing the emerging trends in International Business

Course Contents :

Unit 1: Introduction to International Business

Introduction to International Business Stages of Internationalization – EPRG Framework
- International Trade Theories: Theories of International Trade Mercantilists, Absolute Cost and Comparative Advantage, Factor Proportions, Neo-factor Proportions Theories, Country Similarity Theory, Intra-industry Trade, Tariff and Non-Tariff Barriers in Global Businesses

Unit 2: Introduction of Foreign Direct Investment

Introduction Foreign Direct Investment in the World Economy, Trends in FDI
Theories of Foreign Direct Investment, Greenfield and Brownfield FDI, Benefits and Costs of FDI, International Institutions and the Liberalization of FDI, CAGE Model.

Unit 3: Economic Integration

Economic indicators and their impact on international business decisions, Regional Economic Integration and Trade Blocs, Basic Principles of Multilateral Trade Negotiations, Instruments of Trade Regulation, FDA, custom union, common market economic union, Emerging Markets and Developing Economies.

Unit 4: Emerging Trends in International Business

International Entrepreneurship and Born Global Firms, Ethical Considerations - CSR Frameworks and Approaches and ethical considerations, ESG investing and reporting standards, corporate responses to climate change and social justice issues

Implications of Brexit on international business laws, the rise of digital platforms, and e-commerce. Re-shoring and Nearshoring Trend, Impact of pandemic on International Business.

Text Books (Latest Edition):

1. International Business: Competing in the Global Marketplace" by Charles W. L. Hill.
2. International Business: Concept, Environment and Strategy, 3e by Vyuptakesh Sharan Pearson Education
3. International Business: The Challenges of Globalization by John J. Wild and

Kenneth L. Wild.

4. Rakesh, M. J. International Business, New Delhi, Oxford University Press.
5. Aswathappa, A. . International Business, 2e. Tata McGraw-Hill Education.

References Research articles

1. Cuervo-Cazurra, A. (2006). Who cares about corruption? Journal of international business studies, 37, 807-822.
2. Hofstede, G. (2006). What did GLOBE really measure? Researchers' minds versus respondents' minds. Journal of international business studies, 37, 882-896.
3. Sharma, P., Leung, T. Y., Kingshott, R. P., Davcik, N. S., & Cardinali, S. (2020). Managing uncertainty during a global pandemic: An international business perspective. Journal of business research, 116, 188-192.
4. Bahoo, S., Alon, I., & Paltrinieri, A. (2020). Corruption in international business: A review and research agenda. International Business Review, 29(4), 101660.
5. Shams, R., Vrontis, D., Belyaeva, Z., Ferraris, A., & Czinkota, M. R. (2021). Strategic agility in international business: A conceptual framework for "agile" multinationals. Journal of International Management, 27(1), 100737.
6. Krueger, A. O. (1990), "Trends in Trade Policies of Developing Countries" in C. S. Pearson and James Riedel (eds.), The Direction of Trade Policy (Cambridge, MA.: Basil Blackwell).

Case Study

1. The Battle in Seattle and the Anti-Globalization Movement Pg 82 International Business, Managing Globalization, John S. Hill
2. Making the Apple iPhone International Business, Eleventh Edition (McGraw Hill 2019), by Charles W.L. Hill, G. tomas M. Hult, Rohit Mehtani
3. Case Study: Pharameasy Expansion Dilemma amidst Regulatory Uncertainties Ivey Publishing 2020
4. Case Study: Unilever's Lifebuoy in India: Implementing the sustainable plan Harvard Business School Case study 2017

Course Outcomes:

1. Demonstrate and interpret the fundamental theories of international business and trade.
2. Develop an understanding of the concept of Foreign Direct Investment and its impact on various world economy

3. Analyse the significance of economic Integration in International Business
4. Appraise and develop a comprehensive understanding of global emerging trends and stakeholder engagement

SEC 402	Design Thinking and Innovation	1L:1T:0P	2 Credits
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Course Objectives:

Operating under turbulent and uncertain business environment, 'innovation' has become the key driver of organizational success for all companies. Managers are expected to be leading this change by navigating companies into rapid evolution of new products/services and business models.

The primary focus of DTI is to help learners develop creative thinking skills and apply design based approaches/tools for identifying and implementing innovation opportunities into implementable projects. Following a learning-by-doing approach, the objectives of the course are –

1. Introduce students to design-based thinking approach to solve problems
2. Observe and assimilate unstructured information to well framed solvable problems
3. Introduce student to templates of ideation
4. Understand the importance of prototyping in the innovation journey
5. Implementing innovation projects

Course Content:

Unit 1: Basics of Design Thinking

1. Understand the concept of innovation and its significance in business
2. Understanding creative thinking process and problem solving approaches
3. Know Design Thinking approach and its objective
4. Design Thinking and customer centricity – real world examples of customer challenges, use of Design Thinking to Enhance Customer Experience, Parameters of Product experience, Alignment of Customer Expectations with Product.
5. Discussion of a few global success stories like AirBnB, Apple, IDEO, Netflix etc.
6. Explain the four stages of Design Thinking Process – Empathize, Define, Ideate, Prototype, Implement

Unit 2: Learning to Empathize and Define the Problem

1. Know the importance of empathy in innovation process – how can students develop empathy using design tools
2. Observing and assimilating information
3. Individual differences & Uniqueness Group Discussion and Activities to encourage the understanding, acceptance and appreciation of individual differences.
4. What are wicked problems
5. Identifying wicked problems around us and the potential impact of their solutions

Unit 3 : Ideate, Prototype and Implement

1. Know the various templates of ideation like brainstorming, systems thinking
2. Concept of brainstorming – how to reach consensus on wicked problems
3. Mapping customer experience for ideation
4. Know the methods of prototyping, purpose of rapid prototyping.
5. Implementation

Unit 4 : Feedback, Re-Design & Re-Create

1. Feedback loop, focus on User Experience, address ergonomic challenges, user focused design
2. Final concept testing,
3. Final Presentation – Solving Problems through innovative design concepts & creative solution

Text Books (Latest Edition):

1. E Balaguruswamy , Developing Thinking Skills (The way to Success), Khanna Book Publishing Company
2. Tim Brown, "Change by Design: How Design Thinking Transforms Organizations and Inspires Innovation", *Harvard Business Review*
3. 8 steps to Innovation by R T Krishnan & V Dabholkar, Collins Publishing

Reference Book

1. Design Thinking by Nigel Cross, Bloomsbury

Course Outcome(s):

By the end of the course, students will be able to –

- Propose real-time innovative product designs and Choose appropriate frameworks, strategies, techniques during prototype development.
- Know wicked problems and how to frame them in a consensus manner that is agreeable to all stakeholders using appropriate frameworks, strategies, techniques during prototype development.
- Analyze emotional experience and Inspect emotional expressions to better understand users while designing innovative products

SEMESTER –V

SEMESTER –V

CC 501	Strategic Management	3L:1T:0P	4 Credits
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Course Objective(s):

The objective of this course are:

1. To enhance the ability to do the job of a general manager responsible for strategic performance. Specifically, to integrate the different functional areas of business (e.g. accounting, finance, human resources, information systems, marketing, operations management, etc.) into a cohesive whole.
2. Analyse the competitive situation and evaluate challenges faced by managers in implementing and evaluating strategies based on the nature of business, industry, and cultural differences.

Course Content:

Unit 1: Introduction to Strategy

The objectives of this topic is to understand concept of "strategy", and discuss the most common elements of strategy; the topic also undertakes the evolution of strategic management thinking over the decades; the topic covers the importance of strategic thinking and gives insight into how the firms build and sustain competitive advantage.

Strategy – concept, relevance, role and benefits; Importance of Strategic Management; Strategic Management Process, Levels of Strategy; Approaches to Strategic Decision Making; Strategic Intent – Vision, Mission, Goals and Objectives; Strategy and Corporate Governance, Social Responsibility and Ethics in Strategic Management

Readings:

Thomas L Wheelen, J David Hunger, Alan N Hoffman, Charles E Bamford and Purva Kansal (2018). Concepts in Strategic Management and Business Policy: Globalization, Innovation and Sustainability, 15th Edition, Pearson. [Chapter 1, 2 and 3].

Frank T Rothaermel (2023). Strategic Management – 5th Edition (Indian), McGraw Hill. [Chapters 1 and 12].

Hambrick, D. C., & Fredrickson, J. W. (2005). Are you sure you have a strategy?. *Academy of Management Perspectives*, 19(4), 51-62.

Porter, M. E., & Kramer, M. R. (2006). The link between competitive advantage and corporate social responsibility. *Harvard business review*, 84(12), 78-92.

Unit 2: Strategic Analysis

The objective of the unit are to evaluate the value-capturing ability of incumbents in an industry using the industry analysis tools, to forecast industry profitability from shifts in underlying conditions and forces; to understand the industry for strategy formulation.

Environmental appraisal- Scanning the Environment ,Technological, Social, Cultural, Demographic, Political, Legal; Evaluating Company's External Environment: Components of External Environment; Analysis of the general environment; Nature, Characteristics, Types and Approaches of External environment, Key External Forces, Industry Analysis – Analysis of the competitive environment ; Analysis of the Internal environment: Strategic capability, Nature, Characteristics, Types and Approaches to internal environment; Value chain analysis , Experience Curve, SWOT analysis, BCG Matrix, GE-Cell Matrix.

Readings:

Thomas L Wheelen, J David Hunger, Alan N Hoffman, Charles E Bamford and Purva Kansal (2018). Concepts in Strategic Management and Business Policy: Globalization, Innovation and Sustainability, 15th Edition, Pearson.

Frank T Rothaermel (2023). Strategic Management – 5th Edition (Indian), McGraw Hill.

Porter, M. E. The five competitive forces that shape strategy. *Harvard business review*, 86(1), 78.

Collis, D. J., & Montgomery, C. A. Competing on resources. *Harvard business review*, 86(7/8), 140.

Unit 3: Strategy Formulation

The objectives of the Unit are to review corporate strategy for a diversified firm and identify the sources of corporate advantage; to understand the mechanism of diversification leading to value creation. It also helps to develop understanding about the different corporate strategies which are crucial for the survival, growth and expansion of the business.

Business Strategy Formulation: Generic strategies; Functional areas and link between business strategy and functional strategy; Corporate Strategy Formulation: Creating value and diversification; Strategic alliances; International expansion strategies; Introduction to strategies of growth, stability and renewal, types of growth strategies concentrated growth, product development, integration, diversification, international expansion (multi domestic approach, franchising, licensing and joint ventures); Types of renewal strategies retrenchment and turnaround. Strategic fundamentals of merger & acquisitions

Readings:

Thomas L Wheelen, J David Hunger, Alan N Hoffman, Charles E Bamford and Purva Kansal (2018). Concepts in Strategic Management and Business Policy: Globalization, Innovation and Sustainability, 15th Edition, Pearson. [Chapter 6,7,8]

Frank T Rothaermel (2023). Strategic Management – 5th Edition (Indian), McGraw Hill. [Chapters 6 , 7, 8 and 9]

Kim, W. C. (2005). Blue ocean strategy: from theory to practice. *California management review*, 47(3), 105-121.

Unit 4: Strategy Implementation and Control

The objectives of this topic are to understand the importance of internal alignment and learn to leverage temporary opportunities into sustainable advantages; the topic also dwells in Value Innovation, Business Delivery System Innovation and Eco System Innovation for sustainable business performances.

Structural Implementation; Functional and Operational Implementation; Behavioural Implementation; Strategy Evaluation and Control; Strategic leadership; Strategic control and corporate governance; Issues in Strategy Implementation; Creating effective organizational designs; Strategy and society; Managing innovation and fostering corporate entrepreneurship; Integration of Functional Plans and Policies- Strategy Evaluation and Control - Operational Control - Overview of Management Control.

Readings:

Thomas L Wheelen, J David Hunger, Alan N Hoffman, Charles E Bamford and Purva Kansal (2018). Concepts in Strategic Management and Business Policy: Globalization, Innovation and Sustainability, 15th Edition, Pearson. [Chapter 9,10,12 and 12]

Frank T Rothaermel (2023). Strategic Management – 5th Edition (Indian), McGraw Hill. [Chapters 11]

Text Books (Latest Edition):

Thomas L Wheelen, J David Hunger, Alan N Hoffman, Charles E Bamford and Purva Kansal . Concepts in Strategic Management and Business Policy: Globalization, Innovation and Sustainability, 15th Edition, Pearson.

Frank T Rothaermel . Strategic Management – 5th Edition (Indian), McGraw Hill.

Suggested Readings:

1. Arthur A Thompson, Margaret A Peteraf, John E Gamble, AJ Strickland III, Thomas Joseph (2021). Crafting and Executing Strategy: The Quest for Competitive Advantage: Concepts & Cases, 22nd Edition, McGraw Hill.
2. Krishna G. Palepu, Tarun Khanna. (2010). Winning in Emerging Markets: A Roadmap for Strategy and Execution, Harvard Business Press.
3. Porter, M.E., Competitive Advantage: Creating and Sustaining Superior Performance, Free Press, New York.
4. Pankaj Ghemawat, "Strategy and the Business Landscape" Pearson Education
5. Porter, M. E. (1989). *From competitive advantage to corporate strategy* (pp. 234-255). Macmillan Education UK.

CC 502	Logistics and Supply Chain Management	3L:1T:0P	4 Credits
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Course Description: Supply Chain Management is a comprehensive course that equips students with essential skills to manage and optimize supply chains in modern business environments. The course covers logistics, strategic fit, network design, sourcing, pricing, and demand management, emphasizing the impact of digital transformation on supply chain strategies and operations. Through case studies and practical insights, students will learn to design effective supply chain networks, optimize e-commerce operations, and manage global challenges.

Course Objectives:

1. To understand the strategic role of supply chain management in enhancing organizational competitiveness.
2. To explore the design and optimization of supply chain networks, particularly for e-commerce.

3. To examine the impact of sourcing and pricing decisions on supply chain efficiency and effectiveness.
4. To develop skills in coordinating and managing supply and demand in a globalized market environment.

Course Content:

Unit 1: Introduction to Supply Chain Management

This unit explores the role of supply chain management in organizations, achieving strategic fit, and understanding supply chain drivers and metrics. Students will learn about the integral nature of supply chains in aligning business strategies with operational capabilities to enhance performance and competitiveness.

Unit 2: Supply Chain Network Design

Students will learn to design distribution networks with a focus on e-business applications and global supply chain networks. This unit covers the strategies and challenges of creating efficient and responsive supply chain networks that align with business objectives and the dynamic nature of global markets.

Unit 3: Sourcing and Pricing Strategies

This unit addresses sourcing decisions and pricing management within supply chains. Students will explore various sourcing strategies and pricing models that can be employed to optimize revenue management and cost-efficiency in supply chains, with a particular focus on e-commerce dynamics.

Unit 4: Demand and Supply Coordination

Focusing on the synchronization of demand forecasting, aggregate planning, and sales operations planning, this unit teaches students how to coordinate supply chain activities to balance demand and supply efficiently. Key topics include demand forecasting techniques, aggregate planning strategies, and the importance of coordination across the supply chain.

Textbooks and References(Latest Editions):

1. *Supply Chain Management: Strategy, Planning, and Operation*, 7th ed., by Sunil Chopra & Peter Meindl, Pearson.
2. *Logistics & Supply Chain Management*, 5th ed., by Martin Christopher, Pearson.

Suggested Case Topics:

- Dell's direct model in PC manufacturing: Integration of supply chain and e-business.

- Starbucks' sustainable sourcing practices: A supply chain perspective.
- Walmart's supply chain management strategies for global dominance.

Course Outcomes:

1. Design and manage effective supply chains that enhance organizational competitiveness.
2. Gain practical insights into strategic sourcing, demand planning, and supply chain coordination.
3. Understand how digital transformation affects supply chain strategies and operations.

Suggested Research Paper Reading:

Eyo-Udo, N. L., Odimarha, A. C., & Kolade, O. O. (2024). Ethical supply chain management: balancing profit, social responsibility, and environmental stewardship. International Journal of Management & Entrepreneurship Research, 6(4), 1069-1077.

Suggested Pedagogy:

This course employs various pedagogical methods, including interactive lectures, student discussions, presentations, engagement with research articles, case studies, and simulation exercises to provide a rich learning environment that fosters understanding and application of supply chain management principles.

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DSE 501	Investment Analysis and Portfolio Management	3L:1T:0P	4 Credits
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Course Description:

This course will familiarize students with the structure, nomenclature and practices of financial markets. Students will be exposed to the wide variety of securities available. Course will also cover theories related to risk and return and conceptual insight to the valuation of securities.

Course Objectives:

The course aims to build

1. Knowledge about investments, their importance, and difference from speculation
2. Exposure about the financial markets, utility and securities
3. Understanding about Fundamental and Technical analysis
4. Knowledge about importance of investing in a portfolio and its management

Course Content:

Unit 1: A Conceptual Framework of Investments

Defining Investment, Describing Investments – Objectives, Characteristics, Process, Difference from speculation

Unit 2: Financial Markets

What are Financial Markets, Economic Utility, Different types of Financial Markets, Exchange vs OTC, Participants; Instruments in Debt Markets – Money Market, Bond Market; Instruments in Equity Markets – Shares, IPOs; Other Markets – Foreign Exchange, Commodities, Gold, Derivatives; Investment Avenues – Debt, Equity, Deposits, Mutual Funds; Regulatory Bodies – RBI and SEBI – Roles and Responsibilities

Unit 3: Fundamental and Technical Analysis

What is Fundamental Analysis? Investor mindset; Challenges in execution; Macroeconomic analysis – Domestic vs Global; Valuation impact of GDP, Inflation, Interest rate, Money supply; Industry analysis - Industry life cycle, Business cycle; Company analysis – Financial Statement Analysis, Valuation of equity and debt; What is Technical Analysis – Difference from Fundamental Analysis; Investor mindset; Challenges in execution; Chart types: line charts, candle stick, point and chart figures; Tools - Dow's Theory, Elliot wave, patterns - Trends, flags, cup and handle, triangles, head&shoulders, Bollinger bands, technical indicators - Simple Moving Averages, MACD, RSI, ROC

Unit 4: Portfolio Management

Efficient Market Hypothesis, Concept of portfolio and portfolio management, concept of

risk-return using CAPM, Diversification, types of portfolio management – active vs passive, Asset allocation decision, Markowitz Portfolio Theory; Measurement of portfolio risk and return - Sharpe, Treynor's and Jensen Ratios

Textbooks (Latest Editions)

1. Elton, J. E., Gruber, M. J., Brown, S. J., Modern Portfolio Theory and Investment Analysis, Wiley
2. Reilly, F.K., Brown, K. C., Analysis of Investments and Management of Portfolios, Cengage Learning
3. Chandra, P., Investment Analysis and Portfolio Management, Mcgraw Hill
4. Kevin, S., Security Analysis and Portfolio Management, PHI Learning

Research Papers / Articles

1. Investor Education Reading Material, SEBI website
2. Sardar, S., Chaudhari, D. R., Das, S., Decentralized Finance: Implications for Financial System, RBI Bulletin, 21st May 2024
3. FAQs for Portfolio Managers, SEBI website

Case Topics

1. Investment or Speculation? Comparison of equity and debt versus cryptocurrencies
2. Fundamental and Technical Analysis of a FMCG or Manufacturing company
3. Recommending stocks, building and optimising a portfolio

Course Learning Outcomes:

Upon completion of the course students should be

1. Identify a financial security as an asset or speculation
2. Able to understand the importance of financial markets
3. Aware of the various perspectives which can be utilized to analyse a stock
4. Able to understand the nuances of building and optimizing a portfolio

Course Objective(s):

The objective of the course is to make students understand the unique nature and scope of marketing in the retail environment. The course will enable students to get familiarize with retailing concepts, issues and challenges. The course aims at enhancing student's capability to identify and analyse retail business environment and its opportunities and challenges, in order to envision and strategies for the respective business.

Course Content:**Unit 1:**

The objective of the unit is to provide an introduction to Retailing, discuss the retail evolution and current trend and status of retail industry in India. The unit also elaborates the differences among different types of retailers and also assists to analyse the consumer behaviour in retail.

Introduction to Retailing: Definition, Characteristics, Theories of Retailing; Emerging trends in retailing; Evolution of retailing in India; Factors behind the change of Indian retail industry; Retail Formats: Retail institutions by ownership, Retail institutions by Store-Based Strategy Mix, Web, and Non-store based, and other forms of Non-traditional Retailing; Retail consumers.

Readings: Berman, Evan, Chatterjee: Retail Management, A Strategic Approach (2018), Pearson Education (Chapter 1, 2, 4, 5, 6, 7 and 8)

Levy, Weitz and Pandit; Retailing Management, McGraw Hill Education, (Chapter 1, 2, 3, 4)

Unit 2:

The objective of the unit are to understand and appreciate the formulation of retail marketing strategies based on competitive and consumer analysis; understand the role of pricing and communication strategy and its integration with market strategy; recognize the importance and role of people strategy.

Retail Marketing Mix, Advertising & Sales Promotion, Store Positioning; Retail Merchandising: Buying Organization Formats and Processes, Devising Merchandise Plans, Shrinkage in retail merchandise management; Mark-up & Markdown in merchandise management; Merchandise Pricing: Concept of Merchandise Pricing, Pricing Objectives, External factors affecting a retail price strategy, Pricing Strategies, Types of Pricing. Retail People Strategy

Readings: Berman, Evan, Chatterjee: Retail Management, A Strategic Approach (2018), Pearson Education (Chapter 4,5,6,11,14,15,17)

Levy, Weitz and Pandit; Retailing Management, McGraw Hill Education, (Chapter 5, 9.14, 15)

Unit 3:

The objective of the Unit are to understand the finance strategy and location strategy in retail. It also highlights the important considerations for site selection and the related theories and its implications. It also highlights the Store Management and related concepts.

Retail Finance strategy; Retail Location Strategy- Choosing a Store Location: Trading-Area analysis, characteristics of trading areas, Site selection, Types of locations, location and site evaluation: theories and application. Store Planning: Design & Layout, Introduction to Visual merchandising, Retail Image Mix, effective retail space management, floor space management;

Readings: Berman, Evan, Chatterjee: Retail Management, A Strategic Approach (2018), Pearson Education (Chapter 9,10, 16, 18,19)

Levy, Weitz and Pandit; Retailing Management (Chapter 6,7,8), McGraw Hill Education
Unit 4:

The objective of the Unit is to understand the role of buying and merchandising management; to understand the application of services in Retail as strategy and its various dimensions; to recognize the importance of relationship marketing in retail; to comprehend and know the contemporary issues in Retail including the digital strategies of online players in retail.

Buying and Merchandising strategy; Service Strategy; Customer Relationship and Customer experience; IT in retailing; E-tailing, quick commerce.

Readings: Berman, Evan, Chatterjee: Retail Management, A Strategic Approach (2018), Pearson Education (Chapter 9, 10)

Levy, Weitz and Pandit; Retailing Management, McGraw Hill Education, (Chapter 3, 11, 13, 18)

SEC 501	Internship/capstone Project	0L:0T:0P	4 Credits
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Course Title: Internship/ Capstone Project - BBA – V

Course Code	:	SEC501
Course Title	:	Internship/ Capstone Project
Number of Credits	:	4
Course Category	:	SEC

Course Objective(s):

This internship capstone course aims to provide students with an integrative learning experience that combines professional work in a real-world organisation with rigorous academic research. Students will develop and apply theoretical knowledge to practical challenges through an action research project, enhancing their problem-solving, critical thinking, and communication skills. This course aims to bridge the gap between academic study and professional practice, preparing students for successful careers in their chosen fields.

Internship/ Capstone Project Student Engagement Process:

An internship/capstone project is a structured, hands-on learning experience integrating academic knowledge with pre-professional work activities. It mutually benefits both the student-intern and the host organisation. Interns apply foundational skills from their studies to real-world tasks, enhancing their practical experience. Placement sites outline clear expectations, duties, and performance goals for the interns. They also offer regular supervision and feedback to guide the interns' development. This experiential learning helps students build valuable industry-specific skills, gain insights into their chosen field, and improve their employability upon graduation.

Step 1.

Orientation Session: The orientation session for the internship/capstone project is designed to provide students with a comprehensive overview of what to expect and how to succeed in their upcoming professional experience. The session aims to bridge the gap between academic learning and practical application in a real-world setting.

Step 2.

Identify an internship: Students research opportunities that align with their career goals and academic background. They explore various platforms, such as online job boards, networking events, and professional associations, to find positions that offer relevant hands-on experience and skills in their chosen field.

Step 3.

Internship agreement Form: The Student, Mentor, and internship Coordinator in the Industry will complete the internship agreement form.

Step 4.

Start of Internship: The internship lasts eight weeks. Interns are expected to commit to 20 hours per week, allowing for a balanced integration of work and learning. The internship mentor will arrange specific schedules. This structure ensures that interns gain substantial experience while accommodating any academic commitments. Regular check-ins and progress reviews will be conducted to support intern development and address any challenges, providing a productive and enriching internship experience.

Step 5.

Submission of Report:

Front Page: Student Name, Course, Internship Company, Duration, Mentor

Internship Agreement Form

Internship Certificate

Introduction & background of the Company

Roles & responsibilities as an Intern

Weekly work allotment & completion report

Challenges & Solutions

Learning from the internship

Conclusion

Step 6.

Internship Evaluation: The Viva Voce for internship evaluation is an oral exam where interns present their experiences, learning, and contributions. It involves summarising their role, key projects, and applied skills. Interns discuss the knowledge gained, application of academic theories, and challenges faced, including how they were addressed. They reflect on their professional development and how the internship

influenced their career goals. Feedback from supervisors and industry insights are also shared. Examiners ask questions to delve deeper into the intern's understanding and experiences. This evaluation assesses the intern's ability to articulate their growth and readiness for professional work. The review of the work done by students will be carried out after two weeks of report submission. The internal examiner will evaluate the student's submission.

Course Outcome:

After the course, the outcomes are as follows under

1. Application of theoretical knowledge to real-world scenarios.
2. Development of professional skills and networking opportunities.
3. I understand workplace culture and dynamics.
4. Hands-on experience in a chosen field.

MAJOR PROJECT & GUIDELINES

Course Code	:	SEC 602
Course Title	:	Major Project
Number of Credits	:	4
Course Category	:	Skill Enhancement Course

All Students must carry out an independent research project in an area of their interest: Business Administration.

A proposal should be submitted immediately after completing the research methods unit in 3rd year , semester five. The guidelines mention details.

Consequently, students are expected to produce quality research projects that:

- Addresses current problems of interest in the real world
- Demonstrate a mastery of skills learnt during their study in the Institute.
- Demonstrates writing skills.

Course Objective: The objective of this course is to enable the students:

- Identify and discuss the role and importance of research in the social sciences.
- Identify and discuss the issues and concepts salient to the research process.
- Identify and discuss the complex issues inherent in selecting a research problem, choosing an appropriate research design, and implementing a research project.
- Identify and discuss the concepts and procedures of sampling, data collection, analysis and reporting.

1. General Regulations

- The Project report should be submitted before the student sits for the final university examinations in semester VI.
- The student shall work under the guidance of a project supervisor (s) appointed by the Institute's director.
- Once the students have completed the proposal and the supervisor has approved it, the proposal shall be defended in panels formed by the project coordinator on a day set aside by the Institute.
- The students should submit at least two copies of the proposal to the Project Coordinator at least two weeks before the final examination in semester V.

- The students shall present a proposal at the panels and be awarded marks. They will also be given corrections, which they will work on and present to their supervisors for approval to continue with the project work.
- The student will then complete chapters 4 and 5 of the project.
- Once the student has completed the project and the supervisor has approved it, the project shall be submitted to the project coordinator, who will arrange for the final defence and VIVA VOCE. The marks obtained will be added to the proposal defence marks and compiled.
- The students should then submit two copies of the project report to the Institute 2 weeks before the final examination in semester VI.
- If the student is unsuccessful, the resubmission regulations will apply as stipulated in the academic policy.

2. *Choosing a Project Title*

- The project's title should be clear and specific to a real problem.
- Similar topics between students should be avoided.
- The project should be new and original, not replicating another person's work.
- At the proposal level, the appointed supervisor MUST approve the project title.
- The research committee must ratify all the topics.

3. *Formatting Guidelines*

- Font Size-12 in the body text, except for the topics and titles, which should be font size 14
- Font Type- Times New Roman
- Spacing- The project should be 1.5 lines spacing
- Highlighting- Topics and subtopics should be bolded and NOT be underlined
- Print Quality- The final document should be of good print quality
- Margins- Margins of the report should be 1 inch on the top, bottom and right-hand side. The left-hand-side margin should be 1.25 inches to allow for binding.
- Tables- Larger tables may be typed in smaller font sizes (10-11) to maintain standard margins
- Numbers and Percentages-must do not begin with a sentence.
- Tables and Figures - When presenting the table or figure, there must be a finding and analysis section. Avoid using 'table above, or table below.' Instead, indicate as 'Table 4.1 shows that'
- Final Binding - Presented as Hard Copy (Blue Color), preferably Xerox hardcover book binding.
- Pagination: Bottom of page and centred.

Evaluation will be done based on the project completed, presentation of the proposal and Viva Voce.

Course outcomes:

At the end of the project, students will be able to

- Understand basic concepts of research and carry out an analysis
- Explain key research concepts and issues
- Read, comprehend, and explain research articles in their academic discipline.
- Practically apply outcomes of previous research in present problems for decision-making.

**MAJOR PROJECT GUIDELINES FOR
BACHELORS IN BUSINESS ADMINISTRATION/BACHELORS IN BUSINESS
ADMINISTRATION (HONOURS)/ BACHELOR'S IN BUSINESS ADMINISTRATION
(HONOURS AND RESEARCH)**

TITLE PAGE OUTLINE (not paginated)
The title should be in upper case and Centered,
and the font size should be 14
For Example

**TOPIC- GREEN INITIATIVE'S IMPACT
ON CUSTOMER LOYALTY**

Student Name
Name

Supervisors

Class and Year
(In Upper Case)
Case)

Designation
(In Upper

Research Project Submitted in Partial Fulfillment for the Degree of
Bachelor in Business Administration
from----- University

Month Year

DECLARATION

- a) A signed declaration by the candidate with the following statement
This project is my original work and has not been presented for a degree in
any other University or for any other award

Students Name: _____

Sign _____ Date _____

- b) A signed declaration by the University Supervisor with the following
statement.

- c) I confirm that the candidate did the work reported in this project under my supervision.

Name:

Sign _____ Date _____

DEDICATION

A dedication statement not exceeding 25 words may follow the declaration, beginning on a separate page.

Dedication may be to a person or persons to whom they have special attachments. A simple statement such as “to my father..... and my mother” and a reason for the dedication may be given.

ACKNOWLEDGEMENT

Acknowledgement should be 150 words and follow the dedication beginning on a separate page.

An acknowledgement is an extension of appreciation for the contribution of others and assistance given during the entire research process. It recognises the person the writer is indebted to for guidance and help during the study.

ABSTRACT

An abstract of the research project not exceeding three hundred (300) words and beginning on a new page. It should be a one-paragraph continuous prose, single-spaced and on one page only.

The abstract should be one page single paragraphed and should contain

- The purpose and objectives of the study
- Significance of the study
- Methodology used
- Findings
- Recommendations

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

(All tables and figures must have a number and heading and follow APA style)

Declaration to List of figures should be in centre 14 font size.

MAIN DOCUMENT (Pagination of 1, 2, 3, 4, etc should begin in Chapter One)

1.0 CHAPTER ONE: INTRODUCTION

(Chapter Title - center 14 font size)

1.1 Introduction – Overview of chapter contents

1.2 Background of the Study

1.3 Problem Statement

Should it be a paragraph, and should it clearly show what the problem is? What the research seeks to solve. Give authoritative sources/citations on what has been done and what is missing.

1.4 Objectives of Study

I clearly state the goal of the study.

1.4.1 Specific Objectives

- They should be SMART.
- They should be within the scope.

1.5 Significance of the Study

It should explain who benefits from the study and how.

1.6 Scope of the Study

It should include the concept, content, geographical, and time scope.

1.7 Organisation of the Study

Should include the structure of the study chapter by chapter

2.0 CHAPTER TWO: LITERATURE REVIEW

(Chapter Title - centre 14 font size)

2.1 Introduction – Overview of chapter contents

2.2 Theoretical Literature of the Problem.

A theoretical framework consists of concepts, definitions, and existing theories/theories used for your study. It must demonstrate

an understanding of theories and concepts relevant to the problem the project is solving.

2.3 Critical Review and Research Gap Identification

You should identify the unique innovation of your project. This should clearly show the gap you are filling in the project. Otherwise, your project will be seen as plagiarised.

3.0 CHAPTER THREE: METHODOLOGY

(Chapter Title - centre 14 font size)

3.1 Introduction – Overview of chapter contents

3.2 Project Design

This section should explain the details of the proposed project and how you will explore your research question.
Include questionnaire.

4.0 CHAPTER FOUR: RESEARCH FINDINGS AND DISCUSSION

(Chapter Title - center 14 font size)

4.1 Introduction – overview of chapter contents

4.2 Presentation of Findings. The findings should address each objective. Objective 1 Objective 2, etc.

Check to ensure all the objectives are addressed.

5.0 CHAPTER FIVE: SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

(Chapter Title - center 14 font size)

5.1 Introduction - overview of chapter contents

5.2 Summary of Findings

5.3 Conclusions

5.4 Recommendations.

6.0 REFERENCES

Use Reference – acknowledgement of works referred to or citations.
American Psychological Association (APA) reference style should be used.

7.0 APPENDICES

A. Questionnaire

DSE AUD 501	Environment, Social and Government (ESG)	3L:1T:0P	0 Credits
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Environment, Social and Government (ESG)

Course Objectives

This course aims to introduce students to the concept of ESG, its relevance in the current world business scenario. Students will learn the principles, measurement, and impact of ESG into the business environment and society.

Course Outcomes

By the end of this course, students will be able to:

Understand the fundamental principles of ESG and its role in sustainable development of the organisation, analyse the environmental, social, and governmental aspects in business decision making.

Evaluate ESG practices and their implications for stakeholders.

Develop strategies to implement ESG in organisational and societal contexts.

Course Structure

Unit 1: Introduction to ESG (6 Hours)

- Definition and Evolution of ESG
- Origin and growth of ESG practices
- Global Importance of ESG
- Role of ESG in achieving the UN sustainable Development Goals (SDG)
- Key ESG Matrices and Reporting Standards
- GRI, SASB, and TCFD frameworks
- Changes and Opportunities in ESG Implementation.

Unit 2: Environmental Dimension (6 Hours)

- Environmental Issues and Corporate Responsibility
- Climate change, carbon footprint, and natural resource management.
- Sustainable Business Practices
- Renewable energy, waste management, and green supply chains.
- Regulations and Policies
- Key global and national environmental laws.
- Case studies: Examples of companies excelling in environmental sustainability.

Unit-3: Social Dimension (6 Hours)

- Social Issues in Business
- Diversity, equity, inclusion (DEI), labour standards, and community engagements
- Stakeholders' engagements
- Building trust and creating shared values with communities
- Corporate Social Responsibility (CSR)
- Synergies between CSR and ESG
- Case studies: Success stories of socially responsible companies.

Unit 4: Governance Dimension (6 Hours)

- Principles of good Corporate Governance

- Transparency, Accountability, and ethical decision making.
- ESG in Risk Management
- Identifying and mitigating ESG related risks
- Role of Leadership in ESG
- Vision, strategy, and culture building for ESG adoption.
- Case studies: Governance failures and success in organisations.

Recommended Readings

1. “Sustainability: Essentials for Business” by Scott T. Young and Kanwalroop Kathy Dhanda.
2. “ESG Investing for Dummies” by Brendan Bradley and Eric Kane.
3. Reports and Guidelines from GRI, SASB, and TCFD
4. Articles and Case studies from journals like Havard Business Review and Journal of Sustainable Finance & Investment.

Detailed Syllabus

Unit 1: Introduction to Artificial Intelligence

Intelligence and Artificial Intelligence, Intelligent Machines and Smart Systems, Definition and Scope of AI, History and Evolution of AI, AI Problem Solving and Search Techniques, Rule-Based Systems, Natural Language Processing and Computer Vision - introductory concepts.

Unit 2: Machine Learning Fundamentals

Introduction to Machine Learning and Data-Driven Intelligence, Types of Machine Learning: Supervised, Unsupervised and Reinforcement Learning, Concept of Training Data and Labelled Data, Regression and Classification, Clustering and Dimensionality Reduction, Neural Networks - basic idea, Decision Trees, k-NN and Deep Learning (introductory concepts), Model Training and Evaluation (accuracy, precision, recall - concept only), Real-life examples of Machine Learning applications.

Unit 3: AI Applications & Tools (Stream Specific)

Generic AI Applications: AI in education, healthcare, agriculture, governance, business analytics, finance, robotics, media and entertainment.

Hands-on Exposure to AI Tools: ChatGPT, Gemini, Copilot, Claude, Canva AI, Runway ML, Google Teachable Machine, DALL-E, Adobe Firefly and Pictory, Google AI Studio.

A) AI for Arts Stream: AI in literature, language translation, digital humanities, music composition, creative writing, journalism, media analytics and visual arts.

OR

B) AI for Science Stream: AI in climate modelling, healthcare diagnostics, bioinformatics, environmental monitoring, scientific data analysis and research automation.

OR

C) AI for Commerce Stream: AI in marketing, customer analytics, accounting automation, fraud detection, e-commerce, stock prediction and financial services.

Unit 4: Ethical, Social, Economic and Legal Implications of AI

Ethical AI and Responsible AI Practices, Algorithmic Bias and Fairness, Privacy and Surveillance Issues, Misinformation and Deepfakes, Intellectual Property and AI-generated Content, AI and Employment, Human-AI Collaboration, Digital Divide, Security Concerns, Existing Laws and Policies related to AI, Need for AI Governance and Sustainable AI Development

Unit 5: Group Mini Project & Presentation

Students shall identify a real-life case study from their stream and: (a) Design a conceptual AI-based solution, or (b) Critically evaluate an existing AI system/tool. The project should include problem identification, AI application analysis, ethical considerations, report preparation and seminar presentation.

Teaching-Learning Methodology

- Interactive lectures with multimedia demonstrations
- Hands-on activities using no-code AI tools
- Case studies and interdisciplinary discussions
- Group activities, seminars and presentations
- Reflective assignments and mini-projects

Assessment Scheme

Component	Weightage
Quizzes / MCQ Tests	10%
Assignments / Reflective Journals	10%
Class Participation & Project Work	30%
End Semester Examination	50%

Text Books:

1. Saptarsi Goswami, Amit Kumar Das, and Amlan Chakrabarti. AI for Everyone: A Beginner's Handbook for Artificial Intelligence (AI), Pearson.
2. Sridhar Seshadri, Shreeram Iyer. AI for Everyone: A Common Man's Guide to Artificial Intelligence, Embassy Books.

Suggested References

1. Russell, Stuart & Norvig, Peter. Artificial Intelligence: A Modern Approach, 4th Edition, Pearson.
2. Andreas C. Müller & Sarah Guido. Introduction to Machine Learning with Python, O'Reilly.
3. Selected online resources and AI tool documentation.

SEMESTER –VI

CC 601	Project Management	3L:1T:0P	4 Credits
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Course Description: Project Management is a core course designed to introduce students to the fundamental aspects of planning, executing, monitoring, and closing projects across diverse industries. The course emphasizes the use of project management tools, particularly Microsoft Project, to manage timelines and resources efficiently. Through exploring risk management, stakeholder communication, and Agile methodologies, students will develop the critical thinking and practical skills necessary for successful project management.

Course Objectives:

1. To provide a comprehensive understanding of the project management lifecycle from inception to closure.
2. To enhance skills in using project management tools such as Microsoft Project for managing complex projects.
3. To explore effective stakeholder management and communication strategies critical for project success.
4. To analyze risk management strategies and their application to ensure project success under varying circumstances.

Course Content:

Unit 1: Fundamentals of Project Management

This unit covers the core concepts of project management, including the project life cycle, the role of the project manager, and the organizational context of projects. Students will learn about the stages of a project from initiation to closure and the key responsibilities of a project manager in driving project success.

Unit 2: Project Planning and Tools

Focusing on the planning phase of project management, this unit explores setting project scope and objectives, developing a Work Breakdown Structure (WBS), and managing time through scheduling techniques such as Gantt charts and PERT/CPM. Practical application includes using Microsoft Project to create and manage schedules, emphasizing the integration of project management tools to streamline project planning.

Unit 3: Executing and Monitoring Projects

This unit delves into resource allocation, budgeting, and quality control within project execution. Students will also learn about risk management processes including identification, analysis, and response strategies. Practical exercises will include resource management and performance tracking using Microsoft Project, highlighting effective control measures to ensure project alignment with planned objectives.

Unit 4: Concluding Projects and Agile Methodologies

The final unit discusses the closing phase of projects, including performance measurement, stakeholder communication, and post-project evaluation. Additionally, this unit introduces Agile project management principles and the Scrum framework, comparing Agile with traditional project management methods to provide students with a broader understanding of managing projects in dynamic environments.

Suggested Case Topics:

- The Big Dig: A project management analysis of Boston's Central Artery/Tunnel Project.
- The launch of Apple's iPhone: Managing high-stakes technology projects.
- Project management in non-profits: The case of the Global Fund's initiatives.

Suggested Research Paper Reading:

Orieno, O. H., Ndubuisi, N. L., Eyo-Udo, N. L., Ilojiana, V. I., & Biu, P. W. (2024). Sustainability in project management: A comprehensive review. *World Journal of Advanced Research and Reviews*, 21(1), 656-677.

Textbooks (Latest Edition):

1. *Information Technology Project Management*, by Kathy Schwalbe, Cengage Learning.
2. *Project Management: A Managerial Approach*, by Jack R. Meredith and Samuel J. Mantel Jr., Wiley.

References Course

Outcomes:

1. Understand and apply the key principles of project management to various project environments.

2. Gain proficiency in using Microsoft Project for project planning, execution, monitoring, and closing.
3. Develop skills in stakeholder management and communication strategies essential for project success.
4. Explore and apply risk management techniques to mitigate potential project issues.

Suggested Pedagogy:

This course utilizes various teaching methodologies such as interactive lectures, student discussions, PowerPoint presentations, engagement with research articles, case studies, and simulation exercises to provide a comprehensive learning experience.

CC 602	Business Taxation	2L:0T:0P	2 Credits
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Course Description:

This course provides a comprehensive understanding of business taxation, focusing on Goods and Services Tax (GST) and Customs Duty. Students will examine the principles, concepts, and practices of key areas, gaining insights into impact on business operations. By the end of the course, students will be equipped with the knowledge and skills necessary to navigate the complexities of GST and Customs Duty in the business environment.

Course Objective(s):

1. Analyse the legal provisions governing GST and Customs Duty to comprehend their scope and application in business transactions.
2. Examine the tax implications of GST and Customs Duty on different business activities.
3. Explain procedures and methods to calculate GST liabilities and Customs Duty obligations accurately, ensuring compliance with relevant laws and regulations.
4. Orient with the practical application of GST and Customs Duty in business decision-making processes.
5. Provide knowledge of latest amendments and changes in GST and Customs Duty laws to adapt business strategies and practices accordingly.

Course Content:

Unit 1: Goods and Service Taxes (GST) – Overview and Concepts

Fundamentals of GST, Constitution {101st Amendment} Act 2016, Tax Structure in India, Types of Taxes – Direct and Indirect Taxes. Introduction to GST – need for GST, origin, Constitutional amendment for bringing GST, one nation one tax, objectives, structure, GST council, tax rates, GST vis-à-vis earlier tax laws, advantages, disadvantages. Introduction to Central Goods and services Tax 2017 (CGST), State Goods and Service Tax Act 2017 (SGST), Union Territory Goods and Services Tax Act 2017 (UTGST), Integrated Goods and Services Tax Act 2017, Goods and Service Tax Network (GSTN), GST Council. Dual Model of GST – GSTN. Process of registration, compulsory registration, exemption from registration, liability for registration, deemed registration, cancellation of registration and revocation of registration. GST Unique Identification Number (GSTIN).

Unit 2: Levy, Collection and Input Tax Credit

Meaning of Supply, scope of supply, types of Supplies – Composite and Mixed Supplies. Levy and Composition, Composition of Levy. Persons liable to pay GST, Time of Supply and Value of Supply. Input Tax Credit – eligible and ineligible tax credit. Availability of Tax Credit under special circumstances- Transfer of Input Tax Credit – Input Service Distributor- Tax Invoice - Bill of Supply- Credit Note -Debit Note - Receipt Voucher - Payment Voucher - Revised Invoice - Transportation of goods without issue of Invoice - Delivery Challan. Payment of Tax -Modes of Payment - Electronic Liability Register - Electronic Credit Ledger - Electronic Cash Ledger- Time line for Payment of Tax - Challan Reconciliation - Interest on Late Payment - Set off of Input Tax Credit - Refunds- Application for Refund of Tax, Interest, Penalty, Fees or any Other Amount.

Unit 3 : Filing of GST Returns and Audit

Overview of GSTR 1- GSTR 3B - GSTR 4 GSTR 5- GSTR6- GSTR7-GSTR8- GSTR – 9 - GSTR10- GSTR11. Audit by tax authority's U/s 65 – Special Audit U/s 66- Audit by department- Power of Departmental Audit – Returns- Authorization to Audit – Audit Procedure – Duration of Audit- Audit Findings-Reply to Audit Findings - Period of Limitation to issue Show Cause Notice - Assessment under Chapter XII- Assessment & Audit Rules (no 98 to 102) - Demands and Recovery.

Practical's on online GST Registration Process and Payment of Tax; Enabling GST and Defining Tax Details - Tally ERP; Defining Tax Rates at Master and Transaction Levels; Defining GST Rates at Stock Group Level; Defining GST Rate at Transaction Level; Accounting of GST Transactions; Creation of GST Duty ledgers; GST Reports; Generating GSTR; Exporting GSTR; Uploading of GSTR on GST portal.

Unit 4: Customs Duty

Introduction- Basic Concepts - Territorial Waters - High Seas – Types of Customs Duties - Basic customs duty - Protective duties - Safeguard duty – Countervailing Duty on subsidized articles - Anti-dumping duty – Baggage - Valuation - Baggage Rules and Exemptions. Procedure (including warehousing) - Export Procedure - Deemed Exports -

Duty drawback - Customs (Import of Goods at Concessional Rate of Duty) Rules, 2017 - Valuation of Imported Goods -Valuation of Export Goods.

Readings:

Textbooks (Latest Editions)

1. Datey, V. S.; Indirect Taxes. Taxmann Publications Pvt. Ltd.
2. Balachandran, V. ; Indirect Tax Laws. Sultan Chand & Sons.
3. Datey, V. S.; GST and Customs Law. Taxmann Publications Pvt. Ltd.
4. Singhanian, V. K., & Singhanian, K.; Indirect Taxation. Taxmann Publications Pvt. Ltd.
5. Sahay, B. S., & Ranjan, R. ; Goods and Services Tax (GST). Cengage Learning India.
6. Sury, M. M.; Indirect Taxes. New Century Publications.

Course Learning

Outcome(s):

On successful completion of the course students will be able to:

1. Describe the legal framework of GST and Customs Duty, including key provisions, regulations thereby explaining the tax implications on various business transactions.
2. Interpret tax laws and regulations to assess the impact of GST and Customs Duty on business operations and compliance requirements.
3. Calculate GST liabilities and Customs Duty obligations for different business scenarios and solve practical taxation problems related to the two.
4. Analyse the implications of GST and Customs Duty on business decisions, considering factors such as cost, risk, and compliance for effective planning thereby minimizing tax liabilities.
5. Create compliance frameworks for businesses to ensure adherence to GST and Customs Duty regulations.

DSE 601

Training and Development

3L:1T:0P

4 Credits

Course Description:

This course describes the process of training and Development. Describes how training is different from learning and the three phases of learning and training. It examines the various process of creating and designing training programme and various ways to evaluate the return on investment and learning of training programmes. Latest technology based training methods, including online training, massive open online learning courses, Blended courses, flexible classrooms are dealt

in detail.

Course Objective(s):

1. To understand the basic concepts of training and development
2. To know the importance and methodology of Training Needs Analysis process
3. To sensitize them to various methods of training and training evaluation
4. Understand the need for Cost benefit analysis of Training Programmes.

Course Content:

Unit 1: Training Introduction

Changing in training practice, looking inward, looking outward, appreciative enquiry, looking again and repositioning training; Employee Development & Methods of Training and Development

Unit 2: Training and Learning -two-way process

Knowledge, skill, action; training and learning; Three phases of learning; The learning spiral for participants in the three phases of training

Unit 3: The Needs Analysis Process

Training Needs Assessment: Concept, purpose and scope; Process of Needs assessment; Meaning of Skills gap assessment Needs Assessment Techniques: Person Analysis, Task Analysis and Organization Analysis; Need assessment in practice

Unit 4: Training Process and Evaluating Training and follow up support

Fine tuning objectives and Preparing partners; Setting the stage; Four training methods; Design the training Program; Trainer and training styles; Evaluating from Different angles, Evaluating Learning Objectives; Addressing four common imbalances, Determining Return on investment, determining costs, and benefits **Unit 5: Technology Based Training Methods**

Developing Online training methods; Massive Open Online Courses; Blended Learning, Adaptive Learning, Flexible learning, Learning Management systems, Choosing New Technology methods

Text Books (Latest Edition):

1. Training for Development Part 1 by Rolf P. Lynton and Udai Pareek, Sage Publications India Pvt. Ltd.), New Delhi, 2011
2. Training for Organizational Transformation, Part 2 by Rolf P. Lynton and Udai Pareek, Sage Publications India Pvt. Ltd.), New Delhi, 2000

3. Managing Performance through Training and Development, Eighth Edition
Author(s): Alan M. Saks | Robert R. Haccoun, 2019, Cengage Learning
4. Employee Training and Development | 9th Edition by Raymond A. Noe and
Amitabh Deo Kodwani, 2019, McGraw Hill

Course Outcome(s): At the end of this course students will be able to:

1. Evaluate training and development Process and New technology based training methods
2. Assess training need analysis and know its importance
3. Create and design training Programme with objective and content
4. Evaluate the training Programmes.

DSE 602	International Trade Policy & Strategy	3L:1T:0P	4 Credits
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Course Objective:

To provide thorough understanding of India's foreign trade policy, its historical review, regulatory framework, and policy measures. Students will understand and learn the provisions of foreign trade policy for export and import, the regulatory and institutional support to develop implications for businesses, industries, and policymakers.

Course Content-Unit

1: Introduction

India's foreign trade, Direction and composition of India's exports and imports, need for and significance of foreign trade policy, Preamble and legal framework of foreign trade policy, Various definitions, Government objectives under Foreign Trade Policy, Historical review of trade policy since 1991, General policy provisions regarding imports and exports, Rationale and impact of foreign trade policy.

Unit 2: Import Policies

Structure of Import Policy, Instruments of Import Policy-Import Substitution, Import restrictions- Types of Licensing – OGL, Canalized, Replenishment, Automatic; Advance and Additional License; Holding of License, Third party, Exim scripts, Conditions of license, Negative List. Tariff - Types of Tariffs, Tariffs rates, Bind rates, Quantitative Restrictions, Anti - Dumping, Countervailing Duties.

Unit 3: Export Promotion Policies

Export led growth and Export support growth, Review of Export Promotion Policies since

1991, Export Promotion Schemes (MEIS), EPCG scheme, Duty drawback scheme, DE passbook scheme, Deemed exports, Current Foreign Trade Policy.

Unit 4: Regulatory and Institutional Set-up

FEMA, Export Promotion Councils, Commodity Boards, Development Authority (APEDA, MPEDA), Export Houses, Export Processing Zone (EPZ), Foreign Trade Zone (FTZ), Electronics Hardware Technology Parks (EHTP), Software Technology Parks (STP), Special Economic Zone (SEZ), Agri Export Zone (AEZ), 100% Export Oriented Unit (E.O.U).

Textbooks (Latest Edition):

1. Export Management, Himalaya Publishing House, Divya Singh and Amit Gautam
2. Foreign Trade Policy, Ministry of Commerce, Govt. of India
3. Handbook of Procedures, Directorate General of Foreign Trade, Govt. of India
4. Economic Survey, Ministry of Finance, Govt. of India
5. Foreign Trade Policy and Handbook of Procedures (Vol I and II), Commercial Law Publishers, S C Jain, Shweta Jain and Abhishek Jain

Readings:

1. Golub, S. S., Hajkova, D., Mirza, D., Nicoletti, G., & Yoo, K. Y. (2003). The influence of policies on trade and foreign direct investment. OECD Economic Studies, 2003(1), 7-83.
2. Volpe Martincus, C., & Carballo, J. (2012). Export promotion activities in developing countries: What kind of trade do they promote?. The Journal of International Trade & Economic Development, 21(4), 539-578.
3. Broocks, A., & Van Biesebroeck, J. (2017). The impact of export promotion on export market entry. Journal of International Economics, 107, 19-33.

Case Studies:

1. The Indian Shrimp Industry Organizes to Fight the Threat of Anti-Dumping Action
https://www.wto.org/english/res_e/booksp_e/casestudies_e/case17_e.htm
2. Looking at trade policy through a "gender lens"- Summary of Seven Country Case Studies Conducted by Unctad
https://unctad.org/system/files/official-document/ditc2014d3_en.pdf

Course Outcomes:

On successful completion of the course the learner will be able to-

1. Understand and comprehend the historical development, objectives, key features and institutional framework of foreign trade policy. **(Bloom's Level: Remember, Understand)**
2. Analyze the impact of trade policy and trade barriers on international trade flows. **(Bloom's Level: Analyze, Apply)**
3. Assess the implications of trade policy for businesses, industries, and economies and develop recommendations for policymakers based on trade policy analysis. **(Bloom's Level: Evaluate, Create)**

SEC 601	Corporate Governance	2L:0T:0P	2 Credits
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Course Description:

This course will teach the fundamental theories and practice of corporate governance. This course covers the history of the corporation, boards of directors, the division of profit sharing and various forms of employee ownership and equity ownership among insiders, regulation, shareholder activism, the impact of takeovers and mergers and acquisitions on governance, ethical issues such as conflicts of interest and insider trading, international corporate governance, and policy developments likely to impact the corporation.

Course Objectives:

1. To provide learners with a comprehensive understanding of the concept of Corporate Governance, its emergence, and its significance in the modern organizational context.
2. To equip learners with the ability to assess and identify the various global corporate failures, using international codes of corporate governance.
3. To enable learners to understand and apply various composition of the board, the role of board and board committees, and concepts like insider trading, shareholder activism, class action suits, whistleblowing mechanism, and CSR in corporate governance.
4. To develop learners' skills for understanding the regulatory framework of corporate governance in India and to investigate the impact of corporate failures in India and common governance problems in these failures.

Course Content:

Unit 1: Conceptual Framework of Corporate Governance

Corporate Governance: Meaning, significance, and principles; Management and corporate governance; Theories of Corporate Governance: Agency Theory, Stewardship theory, Stakeholders' Theory; One Tier and Two-Tier Boards

Unit 2: Corporate Governance and Role of Stakeholders

Board composition: Executive directors, non-executive directors and independent directors; Role of Board and board committees; Insider Trading; Shareholder activism; Class action suits; Whistleblowing Mechanism, CSR and Corporate Governance

Unit 3: Global Corporate Failures and International Codes

Maxwell (UK), Enron (USA); Sir Adrian Cadbury Committee Report 1992, SOX Act 2002, OECD Principles of Corporate Governance.

Unit 4: Corporate Governance Regulatory Framework in India and Corporate Failures in India

Kumar Mangalam Birla Committee (1999), NR Narayana Murthy Committee (2005) and Uday Kotak Committee (2017); Regulatory framework: Relevant provisions of Companies Act, 2013, SEBI: Listing Obligations and Disclosure Requirements Regulations (LODR), 2015. Satyam Computer Services Ltd, Kingfisher Airlines, PNB Heist; ICICI Bank; Common Governance Problems in various Corporate Failures in India and abroad.

Suggested Readings: (Latest Editions)

- Act, S. O. (2002). Sarbanes-Oxley act. Washington DC.
- Aparajita, S., & Rhudra, R. Insider Trading Regulation 2015. GNLU L. Rev., 4, 69.
- Monks, R. a. G., & Minow, N. Corporate Governance. John Wiley & Sons.

- Roy Chowdhury Ghosh, A. Corporate Governance Under the SEBI (Listing Obligations and Disclosure Requirements) Regulations 2015.
- Satheesh Kumar, T. N. Corporate Governance. India: Oxford University Press.
- Sharma, J. P. Corporate Governance, Business Ethics and CSR: (with Case Studies and Major Corporate Scandals). Ane Books Pvt. Ltd.
- Note: Latest edition of readings may be used and latest amendments to the regulations shall be referred to.
- Pedagogy: This course uses multiple pedagogies like interactive lectures, student discussions and PPTs, research articles, case studies, and simulation exercises.

Practical Exercises:

The learners are required to:

1. Research and present on the application of different theories of corporate governance in real-world companies.
2. Analyse a recent case of insider trading or shareholder activism and discuss its impact on the company's corporate governance.
3. Research and present on the impact of a major corporate failure on the development of international codes of corporate governance.
4. Analyse the impact of a specific regulation on corporate governance practices in India.
5. Research and present on a major corporate failure in India and the governance problems that contributed to this failure.

Course Outcomes: After completion of the course, learners will be able to:

1. Describe the concept of corporate governance and its significance and discuss different theories of corporate governance.
2. Demonstrate the role of different stakeholders in corporate governance and interpret concepts like insider trading, shareholder activism, and CSR.
3. Relate major global corporate failures and the international codes that were developed in response.
4. Judge the regulatory framework of corporate governance in India, major corporate failures in India and the common governance problems associated with these failures.

DSE (AUD 601)	Disaster Management	3L:1T:0P	0 Credits
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DISASTER MANAGEMENT

In our rapidly evolving 21st-century world, challenges emerge in diverse forms, transcending borders and intertwining economic, societal, and environmental realms. These challenges profoundly affect vulnerable communities, magnifying their susceptibility to climate-related shocks and disasters. As we navigate through these complexities, it becomes increasingly evident that aligning strategies with global Sustainable Development Goals (SDGs) across various geographical scales is paramount. This alignment incorporates perspectives of environmental sustainability, climate adaptation, and disaster resilience. In light of these considerations, this course aims to equip students with the knowledge and skills necessary to address and mitigate the impacts of disasters in a holistic manner.

Course Objective(s):

- to provide understanding of the concepts related to disaster
- to highlight the importance and role of disaster management

- to enhance awareness of institutional processes and management strategies to mitigate the impacts of disasters

Course Content:

Unit 1: Concepts and Terminologies

Understanding key concepts of Hazards, disasters; Disaster types and causes (Geophysical, Hydrological, Meteorological, Biological and Atmospheric; Human-made); Global trends in disasters - Impacts (Physical, Social, Economic, Political, Environmental and Psychosocial); Defining Vulnerability (Physical Vulnerability; Economic Vulnerability; Social Vulnerability)

Unit 2: Key concepts of Disaster Management Cycle

Components of disaster management cycle (Phases: Response and recovery, Risk assessment, Mitigation and prevention, Preparedness planning, Prediction and warning); Disaster risk reduction (DRR), Community based disaster risk reduction

Unit 3: Initiatives at national and international level

Disaster Risk Management in India and at international level: Related policies, plans, programmes and legislation; International strategy for disaster reduction and other initiatives

Unit 4: Emergency Management

Explosion and accidents (Industrial, Nuclear, Transport and Mining) - Spill (Oil and Hazardous material); Threats (Bomb and terrorist attacks) - Stampede and conflicts

Training and Demonstration Workshops (at least two workshops) be organized in association with the NIDM, NDRF, NCDC, Param Military, Fire Brigade, CISF, local administration etc.

Readings (Latest Editions):

1. Sharma, S.C., Disaster Management, Khanna Book Publishing.
2. Clements, B. W., Disasters and Public Health: Planning and Response, Elsevier Inc.
3. Dunkan, K., and Brebbia, C. A., (Eds.) : Disaster Management and Human Health Risk: Reducing Risk, Improving Outcomes, WIT Press, UK.
4. Singh, R. B. (ed.), Natural Hazards and Disaster Management: Vulnerability and Mitigation, Rawat Publications, New Delhi.
5. Ramkumar, Mu, Geological Hazards: Causes, Consequences and Methods of Containment, New India Publishing Agency, New Delhi.
6. Modh, S. Managing Natural Disaster: Hydrological, Marine and Geological Disasters, Macmillan, Delhi.
7. Carter, N. Disaster Management: A Disaster Management Handbook. Asian Development Bank, Manila Govt. of India Vulnerability Atlas of India. BMTPC, New Delhi.

8. Govt. of India Disaster Management in India. Ministry of Home Affairs, New Delhi.
9. Matthews, J.A., Natural Hazards and Environmental Change, Bill McGuire, Ian Mason.

E-Resources

<http://www.ndma.gov.in/en/>

<http://nidm.gov.in/>

<https://www.unisdr.org/>

<http://www.emdat.be>

<https://www.weather.gov/safety/>

<https://www.preventionweb.net/risk/vulnerability>

Course Outcomes:

Upon successful completion of this course, students will be able to:

- i. Articulate the critical role of disaster management in reducing risks and enhancing resilience
- ii. Identify and describe key institutional frameworks and processes in disaster management.
- iii. Conduct risk assessments and develop disaster management plans for specific scenarios
