



S.S.T. College of Arts & Commerce

(Affiliated to University of Mumbai, Mumbai)
Ulhasnagar - 421 004, Dist. Thane.



MANUAL FOR COPO

2.6.1

**PROGRAMME AND COURSE OUTCOMES FOR
ALL PROGRAMMES OFFERED BY THE INSTITUTION ARE STATED AND
DISPLAYED ON WEBSITE AND COMMUNICATED
TO TEACHERS AND STUDENTS.**

INDEX

Programme and Course Outcome of All Programmes offered by the Institutions

Sr. No.	Name of the Programmes	Page Number
1	Institute Vision, Institute Mission, Program Outcome, Course Outcome, Program Educational Objective	3-4
2	Links of College Vision, Mission & CO, PO	5
2	Bachelor of Arts	6-22
3	Bachelor of Arts in Multimedia and Mass Communication	23-38
4	Bachelor of Commerce	39-52
5	Bachelor of Commerce (Accounting and Finance)	53-67
6	Bachelor of Commerce (Banking and Insurance)	68-79
7	Bachelor of Commerce (Financial Market)	80-91
8	Bachelor of Management Studies	92-111
9	Bachelor of Science (Information Technology)	112-123
10	Bachelor of Science (Computer Science)	124-134
11	Master of Commerce (Advanced Accountancy)	135-140
12	Master of Arts (Economics)	141-145
13	Master of Arts (History)	146-151
14	Master of Commerce (Political Science)	152-156
15	Master of Commerce (Education)	157-159
16	Master of Science (Information Technology)	160-168
17	Master of Science (Computer Science)	169-173



PRINCIPAL
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& COMMERCE ULHASNAGAR-4

INSTITUTE VISION

To become an institution providing affordable quality education in line with innovative teaching and learning while equipping students with knowledge and skill in their chosen stream, inculcate values, identify hidden talents and provide opportunities to explore/identifying their full potential and thus shape them into future leaders, entrepreneur and above all good human beings to pay back to community.

INSTITUTE MISSION

- To empower young minds for imbibing knowledge, skills and sensitivity through value based and quality education, through strategic partnership with organizations & collaboration with Industries/corporate houses.
- The College fosters academic and career success through the development of critical thinking, effective communication, creativity and cultural awareness in a safe, accessible and affordable learning environment. In meeting the needs of our demographically diverse student population, We embrace equity and accountability through measurable learning outcomes, ethical data driven decisions and students' achievements.
- To achieve excellence in all its endeavours to face global challenges.

PROGRAM OUTCOME

POs are declarations concerning the knowledge, abilities, and attributes a graduate should possess. POs deal with the general aspect of graduation for a specific programme as well as the skills and knowledge a graduate will have upon programme completion.

COURSE OUTCOME

Course Outcomes (COs) are statements of essential understanding that students should have and be able to actually exhibit at the end of a course. The course (learning) outcomes specify the skills, talents, and behaviour that students should be able to exhibit. For each course, the course coordinator prepares the course outcomes.

PROGRAM EDUCATIONAL OBJECTIVES

The career and professional accomplishments that the programme is preparing its graduates to achieve are outlined in the programme educational objectives (PEOs). Four to five years after graduating, PEOs are evaluated.

A successful outcome-based curriculum must integrate each course's outcome with the desired programme outcomes (POs) and program-specific outcomes (PSOs). Looking at how thoroughly the outcomes are covered and assessed in the curriculum is made possible by the CO-PO mapping. The department has established its own PSOs of each course in accordance



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with the programme outcomes specified by the university curriculum and advice from industry experts using Bloom's Taxonomy – recommended action verbs for different learning levels. In order to deliver education adopting a student-centric approach and a teaching and learning process that is outcome-focused, the Institute has introduced outcome-based education (OBE).

Program Outcomes (POs), Program Specific Outcomes (PSOs) of all the UG and PG Programmes have been disseminated to the stake holders via college website (www.sstcollege.edu.in) & College Notice Boards.

The Board of Studies (BOS) for each programme deliberates and approves these COs. The College Website and the College Notice Board both display the COs for each course (www.sstcollege.edu.in). A correlation is established between COs and POs, PSOs on the scale of 1 to 3.

Scale	Indication
1	Low Correlation
2	Medium Correlation
3	High Correlation




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Links of College Vision, Mission & CO, PO

Sr. No	Name of the Department	link
1	College Vision, Mission & Goal	https://sstcollege.edu.in/
2	Bachelor of Arts	https://sstcollege.edu.in/wp-content/uploads/2022/11/BA-LEARNING-OUTCOME.pdf
3	BA In Multimedia And Mass Communication	https://sstcollege.edu.in/wp-content/uploads/2022/11/BAMMC-LEARNING-OUTCOME.pdf
4	Bachelor Of Commerce	https://sstcollege.edu.in/wp-content/uploads/2023/04/BCOM-LEARNING.pdf
5	Bachelor of Commerce (Accounting And Finance)	https://sstcollege.edu.in/wp-content/uploads/2022/11/BAF-LEARNING-OUTCOME.pdf
6	Bachelors Of Commerce (Banking & Insurance)	https://sstcollege.edu.in/wp-content/uploads/2022/11/BBI-Learning.pdf
7	Bachelors Of Commerce (Financial Market)	https://sstcollege.edu.in/wp-content/uploads/2022/12/BFM-LEARNING.pdf
8	Bachelor Of Management Studies	https://sstcollege.edu.in/wp-content/uploads/2022/11/BMS-LEARNING.pdf
9	Bachelor of Science (Information Technology)	https://sstcollege.edu.in/wp-content/uploads/2022/11/IT-LEARNING.pdf
10	Bachelor of Science (Computer Science)	https://sstcollege.edu.in/wp-content/uploads/2022/11/CS-LEARNING.pdf
11	Master Of Arts (History)	https://sstcollege.edu.in/wp-content/uploads/2022/11/Master-of-Arts-History.docx.pdf
12	Master Of Arts (Economics)	https://sstcollege.edu.in/wp-content/uploads/2022/11/Master-Of-Arts-Economics.pdf
13	Master Of Arts (Political Science)	https://sstcollege.edu.in/wp-content/uploads/2022/11/Master-Of-Arts-Political-Science.pdf
14	Master Of Arts (Education)	https://sstcollege.edu.in/wp-content/uploads/2022/11/Master-of-Arts-Education.pdf
15	Master of Commerce (Advanced Accounting)	https://sstcollege.edu.in/wp-content/uploads/2022/11/MCOM-ADV-ACC-Learning-Outcome.pdf
16	Master Of Science (Information Technology)	https://sstcollege.edu.in/wp-content/uploads/2022/11/MSc-IT-Learning-Outcome.pdf
17	Master of Science (Computer Science)	https://sstcollege.edu.in/wp-content/uploads/2022/11/MSc-CS-Learning-Outcome.pdf




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S. S. T. COLLEGE OF ARTS AND COMMERCE

Bachelor of Arts

Programme outcome

PO.1	The programme enables the learners to understand art, literature and humanities.
PO.2	It facilitates all round development of personality.
PO.3	The course helps the development of rational thinking amongst students while taking decisions in their day to day life
PO.4	Through the course, the student will be able to imbibe ethical, moral, national, patriotic and cultural values.
PO.5	The programme provides a holistic understanding of society, economy and political system.
PO.6	The learners will be able to acquire employable skills.
PO.7	The programme provides formative understanding of the research process.
PO.8	It creates an interdisciplinary approach among the students.

Course outcome

Sem -I

Course: Indian Political Process

CO1	It helps students to know the history of constitution making
CO2	Helpful in understanding the fundamental rights and Directive principles enshrined in the Constitution
CO3	Students understand the various factors that influence Indian politics



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Course: Microeconomics

CO1	To Understand the causes and consequences of different market conditions
CO2	To Understand integrate the concept of price and output decisions of firms under various market structure
CO3	Students would understand the basic concepts of Microeconomics

Course: Communication Skill-I

CO1	The learner would understand and interpret any text they are reading from different perspectives
CO2	The learner would develop good oral and written skills of communication in the English language
CO3	Learner would acquire proficiency in the skills of listening, speaking, reading and writing.
CO4	the interest of learners in listening to and watching good quality audio and visual media will be aroused.

Course: Foundation Course-I

CO1	This course is designed to create social awareness at a preliminary level for students across the board
CO2	This course would build up students about social problems plaguing Indian society and to emphasize the role of educated youth to address the same.

Course: Hindi

CO1	Understand the imbibe values through literature
CO2	Students get to learn various skills from these topics



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Course: History of Modern India (1857-1947)

CO 1 To make the students aware about theories and concepts, historical developments, organizations, and modern India

CO 2 To develop the ability to make logical inferences about social and political issues on the basis of comparative and historical knowledge.

Course: Marathi

CO1 Understand the imbibe values through literature

CO2 To Develop the ability use of Marathi for professional and academic purposes.

SEM- II

Course: Indian Political Process

C01 To introduce students to the Political Process of India.

C02 To make the students understand the Political Party System in India.

Course: Marathi/Hindi

C01 Understand the imbibe values through literature

C02 To Develop the ability use of Hindi for professional and academic purposes.

Course: History of Modern India

C01 Students would get knowledge about the socio religious reform movements, education, press and transport

C02 Students would get knowledge about the impact of the British rule on Indian economy, Nationalism and Social Groups



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Course: Foundation Course-I

- C01** This course is designed to create social awareness at a preliminary level for students across the board
- C02** This course would build up students about social problems plaguing Indian society and to emphasize the role of educated youth to address the same.

Course: Economics-II

- C01** Understand theory and practice of Microeconomics in a progressive fashion.
- C02** Understand international trade models focus on national and international policies and to build analytical ability in the subject with the help of real-world examples.

Course: Communication Skill-I

- C01** The learner would understand and interpret any text they are reading from different perspectives
- C02** The learner would develop good oral and written skills of communication in the English language
- C03** Learner would acquire proficiency in the skills of listening, speaking, reading and writing
- C04** the interest of learners in listening to and watching good quality audio and visual media will be aroused.



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Sem- III

Course: Public Finance- I

- C01** Students would be able to interpret public policies and their impact on the economy
- C02** Student would be exposed to public budget through issues of taxation, expenditure, debt and concepts of deficit

Course: Public Administration - III

- C01** It helps the students to understand the scope and development of the subject of study Public Administration
- C02** Students get to know the changing concepts in the subject of public administration.
- C03** Students get a detailed understanding of various administrative theories in the subject of public administration.

Course: Political Theory-II

- C01** Political theory helps to understand the scope and importance of the subject
- C02** The concepts of Power, Authority and Legitimacy can be interlinked
- C03** This subject provides information on various theories of state formation as well as essential elements

Course: Macro Economics

- C01** Students would understand the basic concepts of macroeconomics.
- C02** To understand the all the qualities that students should have to be good citizen and human being
- C03** To understand the process of research and techniques involved in it



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Course: Landmarks in World History, 1300 A.D.-1945 A.D.

- | | |
|------------|--|
| C01 | Students will get knowledge of transition period from medieval to modern of Europe |
| C02 | The students would develop an understanding of the key milestones in the history of the world. |

Course: Foundation Course Paper 2

- | | |
|------------|---|
| C01 | Students would be aware about conditions of society |
| C02 | Students would get knowledge about health |
| C03 | Students would also be aware about disease |
| C04 | Students would also be aware about nature |
| C05 | Students would get new information and ideas |

Course: Demography

- | | |
|------------|---|
| C01 | Students would get knowledge about populations India and the world. |
| C02 | To educate the learners about the various aspects of the population's policy and the study of the social characteristics. |
| C03 | To educate the learners about the inter relationship between economic development and populations. |

Course: Ancient India From Earliest Times To 1000 A.D.

- | | |
|------------|---|
| C01 | Students would be equipped with a basic understanding of India's ancient past. |
| C02 | They would be able to analyze the social, political and religious developments in India in the ancient times. |



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SEM-IV

Course: Public Administration -III

- C01** To enable the students to understand the Indian Administration.
- C02** To make the students aware about the UPSC/MPSC and other machineries in Indian Administration.
- C03** To make the students aware about Contemporary Issues in Indian Administration

Course: Political Theory-II

- C01** To enable the students to understand the basic political values.
- C02** To make the students aware about the Political Ideologies.
- C03** To understand the Concept of State and Various perspectives on state

Course: History III - Ancient India From Earliest Times To 1000 A.D.

- C01** Students would get knowledge about Mauryan dynasty and Gupta age and their administration
- C02** Students would get knowledge about major dynasties of Deccan and South India and its culture

Course: History II - Landmarks In World History, 1300 A.D.-1945 A.D.

- C01** Students would get knowledge of the most significant events and personalities of the period under study and World War II and efforts for peace

Course: ECONOMICS II

- C01** Students would be able to describe the general equilibrium framework of IS-LM and AD-AS models.
- C02** Students would be able to analyze the effectiveness of macroeconomic policies in the context of inflation and unemployment.



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Course: ECONOMICS III

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|------------|--|
| C01 | Students would develop ideas of the basic characteristics of the Indian economy, its potential on natural resources. |
| C02 | Students would understand the importance, causes and impact of population growth and its distribution, translate and relate them with economic development. |
| C03 | Students would grasp the importance of planning undertaken by the government of India, have knowledge on the various objectives, failures and achievements as the foundation of the ongoing planning and economic reforms taken by the government. |

Course: Demography

- | | |
|------------|---|
| C01 | Students would get knowledge about populations India and the world. |
| C02 | To educate the learners about the various aspects of the population's policy and the study of the social characteristics. |
| C03 | To educate the learners about the inter relationship between economic development and populations. |




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SEM- V

TYBA PS

Course: World Politics

- | | |
|------------|--|
| C01 | It helps to understand the various theories and scope of International Relations |
| C02 | Useful to know nature and type of conflict |
| C03 | Useful for understanding the structure and order of the world |

Course: Western Political Thought

- | | |
|------------|--|
| C01 | Useful to know the views of various thinkers regarding the state |
| C02 | Useful to understand the thinker's thoughts on utilitarianism, liberty and representative government |
| C03 | Marx's thoughts on historical materialism, class and struggle, the state and revolution are understood |
| C04 | Interpret Nature of State, Views on human Nature, Theory of General Will, Theory of Social Contract |

Course: Political Process in Modern Maharashtra

- | | |
|------------|---|
| C01 | It is useful to know the struggle of Samyukta Maharashtra |
| C02 | It helps to know the economic, social and geographical background of the state of Maharashtra |
| C03 | It is useful to know the political process and the issues in Maharashtra Politics |



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Course: Political Sociology

- C01** To introduce the students to basic concepts in sociology
- C02** To familiarize students with the theoretical aspects of different concepts
- C03** To introduce the students to the emerging issues in Sociology

Course: International Organization

- C01** Familiarize students with the UN and other organizations
- C02** Useful to know the functions and powers of various international organizations

Course: Electoral Process in India

- C01** Have the ability to understand the evolutionary course of the development of the Electoral Process.
- C02** Understand the contribution of ECI in the general Election.
- C03** To disseminate awareness about General Election among students

TYBA HISTORY

Course: History Of Medieval India (1000 CE-1526 CE)

- C01** To acquaint the students with the history of early Medieval India that laid the foundation of the Sultanate in India
- C02** To study the contribution of Vijayanagar and Bahamani kingdoms to Medieval Indian History.
- C03** To examine the administrative, socio-economic and cultural aspects of Medieval India.



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Course: Contemporary World (1945 To 2000)

- | | |
|------------|--|
| C01 | Students will get knowledge and importance of the transition period from Morden to still period. |
| C02 | The students would develop an understanding of the key milestones in the history of the contemporary world. |
| C03 | Students would get brief idea of contemporary world in the post-World War II phase.. |
| C04 | Students would be able examine the major political events, manifestations of various ideological struggles, emergence of newer political entities such as the EU, the rise of US unipolarity and challenges to it. |

Course: History Of Modern Maharashtra (1818 CE-1960 CE)

- | | |
|------------|--|
| C01 | Students would develop knowledge about the rise of colonialism in Maharashtra and its impact on the social, economic, cultural and administrative life of Maharashtra. |
| C02 | Students would be aware about the reaction of Indians to colonial rule and the efforts to reorganize political situations and revise socio religious conditions. |

Course: History Of The Marathas (1630 CE – 1707CE)

- | | |
|------------|--|
| C01 | Students would be aware about social, economical and political conditions of Maharashtra during Maratha period |
| C02 | Students would get knowledge about Shivaji Maharaj and his administration |
| C03 | Students would also be aware about relations of Maratha with Adilshahashahi and Mughals |

Course: Introduction To Archaeology

- | | |
|------------|---|
| C01 | Students would get knowledge about different methods in archaeology |
| C02 | Students would be aware about important of epigraphy, numismatics |



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Course: Research Methodology

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|------------|---|
| C01 | Students would get knowledge about various types of historical research methods |
| C02 | Students would learn about research methodology, hypothesis and data system. |
| C03 | Students would write a research projects and papers on various research topics |

TYBA ECO

Course: Advanced Micro Economics – III

- | | |
|------------|---|
| C01 | Enables students to get knowledge on new market structure, imperfect competition. |
| C02 | Provides understanding on the welfare economics and economics of information. |

Course: Economics Of Growth And Development

- | | |
|------------|--|
| C01 | Enable students to apply and analyze issues in the development process. |
| C02 | Students will be able to identify the issues related to Growth and Development. |
| C03 | Students will be able to understand the policy options and analyze the Measures taken for the Development of an economy. |

Course: Industrial And Labour Economics-I

- | | |
|------------|---|
| C01 | Learners will study the different contemporary issues of the industrial sector. |
| C02 | To Understand integrate the concept of price and output decisions of firms under various market structure |
| C03 | To understand the process of research and techniques involved in it |
| C04 | To make students understand linkage between their curriculum and their application in other domain also |




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Course: History of Economic Thought

- C01** Students will get information about the genesis of Economics and its modern scenario.
- C02** Establish the correlation of Economics with other subjects

Course: Environmental Economics

- C01** On the completion of this course, the student will have a good understanding of contemporary environmental issues and their relation to economic development.
- C02** The learner will be equipped to understand the methodologies and tools of valuing the environment.
- C03** In the light of international environmental agreements, the learners will be able to understand the global approaches and policies adopted by India to deal with the environmental issues.

Course: Research Methodology – I

- C01** The learners will understand and inculcate research in Economics
- C02** The learners will exchange ideas and application of results of economic research.
- C03** The course will help in formulation of problems in social science research.
- C04** The students will understand data collection and presentation for quality research in social sciences.

TYBA PS

Course: India in World Politics

- C01** To enable the students to understand the role of India in International Politics.
- C02** To make the students learn the Foreign Policy and Diplomacy of India with other nations of the world.
- C03** Useful for studying relations with various superpowers



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Course: Indian Political Thought

- | | |
|------------|--|
| C01 | To introduce students with the Political Philosophy and Ideas expounded by thinkers in their historical settings |
| C02 | To make the students understand the Indian Political Thought |
| C03 | Useful for understanding Indian thinkers and their fields |

Course: Political Process in Modern Maharashtra

- | | |
|------------|--|
| C01 | To introduce students with the political institutions in Maharashtra |
| C02 | To make the students understand the social movements and civil society initiatives in Maharashtra. |
| C03 | To make the students understand Contemporary issues and movements in Maharashtra Politics |

Course: Media and Electoral Process

- | | |
|------------|---|
| C01 | Have the ability to understand the evolutionary course of the development of the Electoral Process. |
| C02 | Understand the contribution of ECI in the general Election. |
| C03 | To disseminate awareness about General Election among students |

Course: International And Regional Organizations

- | | |
|------------|--|
| C01 | To introduce students with the regional and trans-continental groups. |
| C02 | To make the students understand the relationship between India and world organizations |

Course: Political Sociology

- | | |
|------------|---|
| C01 | To make the students aware of the society and political system. |
| C02 | To make the students understand the impact of society on the political system and vice-versa. |
| C03 | To introduce the students to the emerging issues in Sociology |



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TYBA Economics

Course: Advanced Macroeconomics – III

- C01** To make students aware about Post Keynesian Synthesis and understand various aspects of Trade Cycles.
- C02** Students will be able to describe the contemporary Exchange Rate Regimes and International Monetary System.

Course: International Economics

- C01** Students will be able to understand the trade theories and determinants of trade which helps them to analyze the international trade policies.
- C02** Students will be able to understand the role of various international institutions and trade blocks and their approaches in framing the policies for trade

Course: Industrial and Labour Economics – II

- C01** Learners become aware about different problems and policies of labour.
- C02** Learners will get knowledge of trade unions and industrial relation in contemporary world.
- C03** Learners will know the different policies of labour welfare

Course: Research Methodology – II

- C01** The learners get assimilated to the research culture in Economics through application of statistics.
- C02** The learners will understand the concept of index number with its use and applications.
- C03** The course will help in formulation of hypotheses and its testing in social science research.
- C04** The students will understand the writing of social science research reports with its various types, organization and styles.

Course: Environmental Economics – II

- C01** Students are empowered about the environmental challenges and the need for environmental accounting
- C02** Develop understanding on the policy measures to attain SDGs



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Course: History of Economic Thoughts – II

- C01** Students will get information about the genesis of Economics and its modern scenario.
- C02** Students get familiarized with the leading Indian economists who significantly contributed to the stream of Indian economic thought.

TYBA History

Course: History Of Medieval India (1526 CE-1707CE)

- C01** Students would get knowledge about the foundation, expansion and decline of the Mughal Rule and rise of Maratha power
- C02** Students would get knowledge about society and economy, administration, religion and culture of the Mughal Rule

Course: Research Methodology And Sources Of History

- C01** Students would get knowledge about various types of historical research methods and Indian Historiography
- C02** Students would get knowledge of new approaches and new trends related to history

Course: Introduction To Museology And Archival Science

- C01** Students would be aware of the role of museums in the preservation of heritage and careers in various museums in India and abroad
- C02** Students would be aware of the importance of Archival science in the study of History and careers in various archives in India and abroad

Course: History Of The Marathas (1707 CE – 1818CE)

- C01** Students would get knowledge about Expansion, consolidation of the Maratha Power
- C02** Students would be aware of downfall of the Maratha power and administrative and socio-economical, cultural developments of Maharashtra during Peshwa period



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Course: History of Contemporary India (1947 CE - 2000 CE)

- | | |
|------------|---|
| C01 | Students would get knowledge about Indian history after Independence, process of making the constitution, reorganization of Indian States, socio-economic reforms and foreign policy |
| C02 | Students would get knowledge about social, political and economic development after independence and emerging trends like communalism, women empowerment, science, technology and education |

Course: History Of Asia (1945 CE TO 2000 CE)

- | | |
|------------|---|
| C01 | Students would get knowledge about the Asia related to transformation of China, reconstruction of Japan |
| C02 | Students would get knowledge about the important events of South East Asia, Conflicts in West Asia |



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BA In Multimedia And Mass Communication

Programme outcome

PO.1	The program considers media industries and their relationship to culture and society, and the understanding of how communication works. The program emphasizes the development of critical thinking, professional writing skills and effective oral communication.
PO.2	The Communication and Media Studies major prepares students for a wide variety of careers in business and industry, advertising, public relations and journalism, or advanced study
PO.3	This program will equip the learners with professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc.
PO.4	Students would demonstrate the ability to apply rhetorical principles in a variety of creative, cinematic, organizational, professional and journalistic venues.
PO.5	Knowledge, skills, and values that prepare them for future careers in our interconnected society, whether in mass media or advanced study
PO.6	Learners would develop a global awareness of political, social and corporate issues influenced by communication sensitivity and skills.
PO.7	Learners will understand mass media as a system of interrelated forces, including historical foundations, technological advances, economic dynamics, regulatory constraints, and ethical concerns.
PO.8	This Programme will also give them an improved sense of self-confidence and self-efficacy and an awareness of their responsibilities as professionals in their field
PO.9	Learners will be able to create and design emerging media products, including blogs, digital audio, digital video, social media, digital photography, and multimedia.



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PO.10	They will be better equipped to grasp the complex relationship between communication/media theories and a diverse set of individual, social, and professional practices.
PO.11	Learners will understand the underlying philosophical assumptions of, and be able to apply, communication research methods to address a range of media texts and audiences, production and technological practices, and relevant social issues.
PO.12	Learners will comprehend the foundations, process, and practices of writing for and about the media, and demonstrate proficiency in writing across platforms.
PO.13	Learners will be able to conceptualize, design, and produce one or more works in media based on effective principles and practices of media aesthetics for a target audience.
PO.14	Learners will acquire the knowledge and skills required to pursue a career in the specialization of their choice.




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Course outcome

Sem -I

Course: Effective Communication

C01	To make the students aware of functional and operational use of language in media.
C02	To equip or enhance students with structural and analytical reading, writing and thinking skills .
C03	To introduce key concepts of communication.

Course: Visual Communication

C01	To provide students with tools that would help them visualize and communicate.
C02	Understanding Visual communication as part of Mass Communication
C03	To acquire basic knowledge to be able to carry out a project in the field of visual communication
C04	To acquire basic knowledge in theories and languages of Visual Communication
C05	The ability to understand and analyze visual communication from a critical perspective

Course: Fundamental Of Mass Communication

C01	To introduce students to the history, evolution and the development of Mass Communication in the world with special reference to India.
C02	To study the evolution of Mass Media as an important social institution.
C03	To understand the development of Mass Communication models.
C04	To develop a critical understanding of Mass Media.
C05	To understand the concept of New Media and Media Convergence and its implications.



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Course: Current Affairs

CO1	To provide learners with overview on current developments in various fields.
CO2	To generate interest among the learners about burning issues covered in the media
CO3	To equip them with basic understanding of politics, economics, environment and technology so that students can grasp the relevance of related news
CO4	Twenty minutes of newspaper reading and discussion is mandatory in every lecture

Course: History Of Media

CO1	Learner will be able to understand Media history through key events in the cultural history
CO2	To enable the learner to understand the major developments in media history.
CO3	To understand the history and role of professionals in shaping communications.
CO4	To understand the values that shaped and continues to influence Indian mass media.
CO5	Learners will develop the ability to think and analyze about media.
CO6	To sharpen the reading, writing, speaking and listening skills that will help the students to understand the development of Media

SEM- II

Course: Effective Communication- II

CO1	To make the students aware of functional and operational use of language in media.
CO2	To equip or enhance students with structural and analytical reading, writing and thinking skills
CO3	To introduce key concepts of communication



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Course: Content Writing

CO1	To provide the students with tools that would help them communicate effectively.
CO2	Understanding crisp writing as part of Mass Communication.
CO3	The ability to draw the essence of situations and develop clarity of thoughts.

Course: Introduction To Advertising

CO1	To provide the students with basic understanding of advertising, growth, importance and types.
CO2	To understand effective advertising campaigns, tools, models etc.
CO3	To comprehend the role of advertising , various departments, careers and creativity
CO4	To provide students with various advertising trends, and future.

Course: Introduction To Journalism

CO1	To help media students to acquaint themselves with an influential medium of journalism that holds the key to opinion formation & to create awareness.
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Course: Media Gender & Culture

CO1	To discuss the significance of culture and the media industry.
CO2	To understand the association between the media, gender and culture in the society.
CO3	To stress on the changing perspectives of media, gender and culture in the globalized era



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Sem- III

Course: Electronic Media

CO1	To make the students acquainted with working of the two powerful media; i.e. radio and Television
CO2	The content is useful for both advertising and journalism students in order to further their careers in their respective fields

Course: Corporate Communication & Public Relations

CO1	To provide the students with basic understanding of the concepts of corporate communication and public relations.
CO2	To introduce the various elements of corporate communication and consider their roles in managing media organizations.
CO3	To examine how various elements of corporate communication must be coordinated to communicate effectively in today's competitive world.
CO4	To develop critical understanding of the different practices associated with corporate communication with the latest trends and social media tools.

Course: Media Studies

CO1	To provide an understanding of media theories
CO2	To understand the relationship of media with culture and society
CO3	To understand Media Studies in the context of trends in Global Media

Course: Introduction To Photography

CO1	To introduce to media learners the ability of image into effective communication.
CO2	To help the learner understand that media photography is a language of visual communication and is far beyond just point and shoot fun moments.
CO3	To practice how a picture speaks thousand words by enlightening the learner on how.
CO4	To develop the base of visualization among learners in using pictures in practical projects
CO5	To help learners work on a given theme or the subject into making a relevant picture or photo feature.



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Course: Film Communication - I

CO1	To inculcate liking and understanding of good cinema.
CO2	To make students aware with a brief history of movies; the major cinema movements.
CO3	Understanding the power of visuals and sound and the ability to make use of them in effective communication.
CO4	Insights into film techniques and aesthetics.

Course: Computers & Multimedia – I

CO1	To help learners make the media industry ready. This will help learners to be aware of the minimum requirement of the software when stepping out in the industry.
CO2	To introduce the media software to make the learners understand what goes behind the scene and help them choose their stream.
CO3	To prepare learners skilled enough for independency during project papers in TY SEM VI.
CO4	To help learners work on small scale projects during the academic period.



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SEM-IV

Course: Electronic Media

CO1	To make the students acquainted with working of the two powerful media; i.e.radio and television. The content is useful for both advertising and journalism students in order to further their careers in their respective fields.
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Course: Writing And Editing For Media

CO1	Provide the ability to understand writing styles that fit various media platforms.
CO2	It would help the learner acquire information gathering skills and techniques.
CO3	On completion of this course, students will be able to understand similarities and differences in writing for all forms of media including internet and digital for media.
CO4	The learner will gather knowledge of different news and copy formats along with appropriate style-sheets and layout.
CO5	The learner will imbibe the importance of writing clearly, precisely and accurately for different types of audiences
CO6	Provide basic proficiency in proof-reading and editing.

Course: Media Laws And Ethics

CO1	To provide the learners with an understanding of laws those impact the media.
CO2	To sensitize them towards the social and ethical responsibility of the media.

Course: Mass Media Research

CO1	To introduce students to debates in Research approaches and equip them with tools to carry on research
CO2	To understand the scope and techniques of media research, their utility and limitations



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Course: Film Communication - II

CO1	Awareness of cinema of different regions.
CO2	Understand the contribution of cinema in society.
CO3	How to make technically and grammatically good films.
CO4	From making to marketing of films.
CO5	Economic aspects of film.
CO6	Careers in films.

Course: Computers & Multimedia - II

CO1	To help learners be media industry ready. This will help learners to be aware of the minimum requirement of the software when stepping in the industry.
CO2	To introduce the media softwares to make the learner understand what goes behind the scene and help them choose their stream.
CO3	To prepare learners skilled enough for independency during project papers in TY sem.VI.
CO4	To help learners work on small scale projects during the academic period.



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SEM-V

ADVERTISING

Course: Copywriting

CO1	To familiarize the students with the concept of copywriting as selling through writing
CO2	To learn the process of creating original, strategic, compelling copy for various media
CO3	To train students to generate, develop and express ideas effectively
CO4	To learn the rudimentary techniques of advertising – headline and body
CO5	In an ad agency, as a copywriter, one cannot “Just be creative and express self” – here one is in a ‘creative professional’, and have to be able to use the power of creativity for a commercial/business reason – as someone is paying you to get a problem solved, using your creativity.
CO6	There are two basic disciplines through which we make our communication - verbal/written and visual, and both need different skill-sets to master them. The structure of the syllabus is designed to hone the necessary skills required for these two diverse disciplines.

Course: Advertising & Marketing Research

CO1	The course is designed to inculcate the analytical abilities and research skills among the students.
CO2	To understand research methodologies – Qualitative Vs Quantitative
CO3	To discuss the foundations of Research and audience analysis that is imperative to successful advertising.
CO4	To understand the scope and techniques of Advertising and Marketing research, and their utility.



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Course: Brand Building

CO1	To understand the awareness and growing importance of Brand Building
CO2	To know how to build, sustain and grow brands
CO3	To know the various new way of building brands
CO4	To know about the global perspective of brand

Course: Agency Management

CO1	To acquaint the students with concepts, techniques and give experience in the application of concepts for developing an effective advertising campaign
CO2	How an ad agency works and what opportunities exist
CO3	To familiarize students with the different aspects of running an ad agency
CO4	To inculcate competencies thereby enabling to undertake professional work with the advertising industry.

Course: Social Media Marketing

CO1	Students learn real-world skills from leading designers, artists, and entrepreneurs.
CO2	The primary goal is to create problem solvers who strike a balance between traditional art and technology, and between individual vision and teamwork.
CO3	With a fundamental understanding of digital tools and their creative applications, graduates meet the demands of a diverse and expanding job market in visual storytelling.
CO4	Identify and apply strategies to improve and succeed no matter what their initial skills.
CO5	Solve problems and learn from creative risks by using people skills, design principles, and processes.
CO6	Build a strong foundation in all aspects of design and production for storytelling in motion.
CO7	Use inspiration in fields outside of digital media such as poetry, science, music, astronomy, history, dance and more.
CO8	Develop a professional commitment to their field, their work, and themselves; preparing them to be members and leaders in their profession, as well as learning how to act both as individuals and as team members to support the whole.



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Course: Consumer Behaviour

CO1	To understand the sociological & psychological perspective of consumer Behaviour.
CO2	To introduce students to the complexities of consumer Behaviour, its importance in marketing & advertising.
CO3	To sensitize students to the changing trends in Consumer Behaviour.

JOURNALISM

Course: Reporting

CO1	To enable students to become Reporters which is supposed to be a prerequisite while entering into the field of Journalism
CO2	To make them understand basic ethos of the news and news-gathering
CO3	To prepare them to write or present the copy in the format of news.
CO4	To develop nose for news.
CO5	To train them to acquire the skills of news-gathering with traditional as well as modern tools.
CO6	To inculcate the skills for investigative journalism.
CO7	To make them understand the basic structure/ essential knowledge for various beats.
CO8	To make them responsible reporters and the face of media.

Course: Investigative Journalism

CO1	Understand the role of investigative reporting in modern journalism
CO2	To learn to conduct investigative research in an ethical manner
CO3	To create and write excellent investigative stories for the media.
CO4	To acquire advanced investigative journalistic skills
CO5	Learner will acquire the ability to understand and analyze the key areas of investigative journalism even with limited resources



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Course: Features & Writing For Social Justice

CO1	To provide students with technique of narration and story telling
CO2	To share the art of developing a story idea
CO3	To acquaint and sensitize them through assignments to the issues of deprivation around us and using writing as a tool for social justice

Course: Writing & Editing Skills

CO1	To provide learners with tools and techniques of editing and writing.
CO2	To acquaint learners with the art of narration and storytelling strictly within the contours of journalistic principles

Course: Mobile Journalism & New Media

CO1	This course was arranged as a preparation program for Media Students, having an enthusiasm for finding out about the nuts and bolts of versatile news-casting. You needn't bother with any past involvement with the ideas, apparatuses or assets of portable news coverage.
CO2	Global adoption of mobile and its versatility has influenced and changed journalism in New Age Media.M-Learning, in the Era of New Media is the most effective method to get ready for the eventual fate of the media and life in a portable first world.
CO3	Step by step instructions to report and connect with crowds utilizing cell phones.
CO4	Step by step instructions to utilize the accepted procedures for ease of use and item plan when constructing your portable encounters in Journalism.
CO5	The most effective method to settle on educated choices about structure portable news items crosswise over stages. The most effective method to get ready for the eventual fate of wearable different patterns that may change the course of portable media and news-casting.

Course: News Media Management

CO1	To make students aware about the responsibilities, structure and functioning of responsibilities of an organization.
CO2	Students will be able to analyze individual media businesses and understand the Economic drivers of the media economy
CO3	Students will have developed hands-on experience as content marketers using journalistic and digital techniques.
CO4	Students will have gained a perspective on the evolution of media in the last 25 years and on key current trends.



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SEM VI

ADVERTISING

Course: Digital Media

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| CO1 | Understand digital marketing platform |
| CO2 | Understand the key goals and stages of digital campaigns |
| CO3 | Understand the use of key digital marketing tools |
| CO4 | Learn to develop digital marketing plans |

Course: Advertising Design

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|------------|---|
| CO1 | Learners shall understand the process of planning & production of the advertisement |
| CO2 | To highlight the importance of visual language as an effective way of communication |
| CO3 | To provide practical training in the field of advertising & make learner industry ready |

Course: Advertising In Contemporary Society

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| CO1 | To understand the environment of Advertising in Contemporary Society |
| CO2 | To understand Liberalization and its impact on the economy and other areas of Indian society |
| CO3 | To compare and analyse the advertising environment of different countries |

Course: Brand Management

- | | |
|------------|--|
| CO1 | To understand the awareness and growing importance of brand management |
| CO2 | To know how to build, sustain and grow brands |
| CO3 | To know the various sources of brand equity |
| CO4 | To know about the global perspective of brand management |



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Course: Media Planning And Buying

CO1	To develop knowledge of major media characteristics.
CO2	To understand procedures, requirements, and techniques of media planning and buying
CO3	To learn the various media mix and its implementation
CO4	To understand budget allocation for a Media plan and fundamentals

Course: Advertising & Sales Promotion

CO1	Students should be able to demonstrate a thorough understanding of the major sales promotion concepts.
CO2	Use a framework to make effective sales promotion decisions
CO3	Adopt the necessary skills and point of view of an effective sales promotion campaign.

JOURNALISM

Course: Digital Media

CO1	Understand digital marketing platform
CO2	Understand the key goals and stages of digital campaigns
CO3	Understand the use of key digital marketing tools
CO4	Learn to develop digital marketing plans

Course: Newspaper & Magazine Design

CO1	The learner is required to understand the process of print media production since the content collection to the final print ready layout
CO2	This includes news weightage as well as article relevancy and the visual treatment to the text block. The appearance of the various text blocks matters in layout.
CO3	Learner should be able to reconstruct headlines suitable for the space keeping the core meaning and intensity intact
CO4	Learners are expected to develop software skills to be employable in industry.
CO5	Learners shall develop the aesthetic vision and understand the discipline behind a layout.



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Course: Contemporary Issues

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|------------|---|
| CO1 | To stress the importance of social, economic, political aspects of the society as a Media professional |
| CO2 | To understand the role of media as a strategy to create awareness on various issues and mobilize to bring social progress |

Course: : Lifestyle Journalism

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| CO1 | Acquire a conceptual overview of lifestyle journalism and its function in the media industry |
| CO2 | Acquire an ability to report on lifestyle journalism stories or events in a clear, concise, factual and meaningful way. |
| CO3 | It is a combination of practical skills and conceptual understanding of how this form of journalism is increasingly relevant for the 21st century. This course will help the learner acquire an ability to understand audiences and markets in which the lifestyle journalists provide information |
| CO4 | It will teach students how to do lifestyle journalism with integrity, exploring the broader lifestyle field while focusing on a variety of sub-fields such as travel, music, movies, arts and food, along with students' special interests |

Course: Magazine Journalism

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| CO1: | This course introduces the students to the nuances of magazine journalism, feature writing and Reviews. |
|-------------|---|

Course: Television Journalism

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|------------|--|
| CO1 | To provide students with technique of narration and story telling |
| CO2 | To share the art of developing a story idea |
| CO3 | To acquaint and sensitize them through assignments to the issues of deprivation around us and using writing as a tool for social justice |



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Department Of Commerce

Programme Outcome

PO.1	Learners will gain knowledge in the fundamentals of commerce and a deep understanding of all the courses undertaken
PO.2	Learners will be equipped to join the industry or setup own entities, peruse further professional and other courses
PO.3	Learners will be equipped to face upcoming challenges in the industry and business as the specializations offered expose them to practical aspects
PO.4	Learners will be responsible citizens as various academic and co-curricular courses imbibe sensitivity, moral and ethical values among them

Course Outcome

Sem - I

Course: Accountancy & Financial Management - I

CO1	To bring about Accounting Standards issued by ICAI and equip the learners with accounts of a Manufacturing concerns
CO2	To create awareness about regular accounting in the form of transactions of Hire purchase and Departmental Accounting

Course: Commerce-I

CO1	To familiarize the learners with the basic concept of business
CO2	To make learners aware of the current trends in business



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& COMMERCE LILHASNAGAR-4

Course: Business Economics - I

C01	To understand the working of a business unit in the economy
C02	To understand the concept of Microeconomics and its application to business
C03	To help in the decision-making process of business

Course: Environmental Studies - I

C01	To understand functional links between the environment and human beings
C02	To create an awareness of different environmental aspects and issues
C03	To acquire the knowledge of earth's ability to meet needs of present generations

Course: Business Communication - I

C01	To study concepts, channels, methods and modes of communication
C02	To study on which obstacles facing while doing communication and how to improve listening skills
C03	To study business ethics
C04	To study on how to maintain business correspondence, what cares should be taken while writing business letters and personal letters
C05	To study paragraph writing and writing skills

Course: Mathematics & Statistical Techniques - I

C01	To improve in quantitative aptitude required for various competitive examinations
C02	To create base for financial analysis required for finance related courses
C03	To develop an ability of making appropriate decisions by enumerating feasible and viable alternatives



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Course: Foundation Course - I

CO1	To learn the overview of the Indian Society
CO2	To understand the constitution of India
CO3	To learner would be acquainted with the socio-political problems of India

Course: Foundation Course- NSS – I

CO1	To grow individually and also as a group
CO2	To develop leadership skills, and gain knowledge about different people from different walks of life

Course: Foundation Course- NCC - I

CO1	To create a Human Resource of Organized, Trained and Motivated Youth, To Provide Leadership in all Walks of life and be Always Available for the Service of the Nation
CO2	To provide a Suitable Environment to Motivate the Youth to Take Up a Career in the Armed Forces

Course: Foundation Course- PE - I

CO1	To apply knowledge of physical education, growth and development, play, sports and games knowledge, history of physical education and yoga to explain aim and objectives of physical education
CO2	To learn health, health education, personal hygiene, health problems-prevention and control, physical fitness and wellness, health and first-aid-management.




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Sem- II

Course: Business Communication - II

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| CO1 | To help the learners to demonstrate the effective use of communication technology |
| CO2 | To help the learners to excel in Business Communication |

Course: Commerce - II

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| CO1 | To familiarize the learners with the basic concepts of services |
| CO2 | To make learners aware of the current trends in service sector |

Course: Business Economics - II

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| CO1 | To help the learners understand various market structures and introduce various pricing methods. |
| CO2 | To introduce evaluating capital projects and techniques of investment appraisal. |

Course: Accountancy and Financial Management- II

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| CO1 | To give working knowledge about treatment in respect of accounts to be prepared from incomplete records, Consignment Sale, Fire Insurance Claim and Branch Accounts |
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Course: Environmental Studies - II

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| CO1 | To develop a world population that is aware of and concerned about the environment and it. Focus on problem solving skills through case study become role model in conservation, sustainability and preservation. |
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Course: Mathematical and Statistical Techniques – II

CO1	To create base for financial analysis required for finance related courses
CO2	To determine the nature and strength of relationship between two variables
CO3	To understand concepts of time series and its applications in different areas
CO4	To study economic data reflecting price or quantity compared with a standard or base value

Course: Foundation Course- II

CO1	To develop a basic understanding about issues related to Human Rights of weaker sections, ecology, and science and technology
CO2	To gain an overview of significant skills required to address competition in career choices
CO3	To appreciate the importance of developing a scientific temper towards technology and its use in everyday life

Course: Foundation Course- NSS - II

CO1	To understand the planning to be done for special camp
CO2	To understand the structure of government organizations

Course: Foundation Course- NCC - II

CO1	To understand the importance of assessing patriotic values
CO2	To learn application of values like personality development, preservation of environment, discipline etc. in practical life

Course: Foundation Course- PE - II

CO1	To Apply Knowledge of PE for Sports Games
CO2	To learn health and Hygiene, problems & prevention and Control




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Sem- III

Course: Accountancy & Financial Management - III

CO1	To equip the learners with in-depth knowledge of accounting in respect of partnership accounting to enable them to face practical situations in respect of Partnership accounting
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Course: Financial Accounting & Auditing - Introduction to Management Accounting

CO1	To understand the basic concepts of management accounting
CO2	To understand the analysis of financial statements by using various methods
CO3	To understand different ratios used for analysing financial Statements

Course: Business Economics - III

CO1	To present an overview of macroeconomic issues and introduce preliminary models for the determination of output, employment, interest rates, and inflation
CO2	To illustrate policy application of macroeconomic theory through monetary and fiscal policies
CO3	To understand introductory macroeconomic theory, solve basic macroeconomic problems, and use these techniques to think about a number of policy questions relevant to the operation of the real economy
CO4	To provides a solid foundation for economic analysis and thinking that can last throughout their education and subsequent professional careers.

Course: Commerce-III

CO1	To make the learners aware about the knowledge and evolution of management
CO2	To familiarize the learners with the functions of management



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Course: Company Secretarial Practice - I

CO1	To provide the learners with an insight about company secretarial practice
CO2	To make the learners understand the role of company secretary towards company's
CO3	To make the learners understand the various aspects of company management, meetings and record

Course: Business Law - I

CO1	To understand the framework of business laws in India with the study of Indian Contract Act
CO2	To orient the learners with basic concepts like contract, special contract, sale of goods and negotiable instruments along with case laws.
CO3	To Understand Relevance of law to individuals, business and organization
CO4	Understand the laws related to consumer protection

Course: Foundation Course - III

CO1	To develop empathy and be better sensitized towards various social issues
CO2	To get clarity on different types of disasters and the precautions and actions to be taken when disaster hits

Course: Foundation Course- NSS - III

CO1	To understand the concept of gender sensitivity
CO2	To understand the concept of Hygiene & how to maintain it

Course: Foundation Course- NCC - III

CO1	To understand the concept of leadership and risk management
CO2	To understand how to maintain the physical, mental & psychology of themselves

Course: Foundation Course- PE - III

CO1	To understand the wholesome development of the human being through various theories of physical Education
CO2	To articulate the scientific relationship of physical Education with other related science



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Sem- IV

Course: Financial Accounting And Auditing VI - Auditing

CO1	To give a working knowledge about the various audits conducted in order to verify whether the financial statements show a true and fair view
CO2	To make learners conversant about documentations maintained by an auditor
CO3	To familiarize them with various types of audits and audit documentation

Course: Business Law – II

CO1	To introduce learners to contemporary laws along with old laws such as Indian Companies Act, 2013, Partnership Act, 1932 as well as Limited Liability Act,2008, IPR laws etc. This helped students to connect with relevant issues
CO2	To motivate learners to pursue further education in law and make it as their career

Course: Commerce IV

CO1	To acquaint the learners with the basic concepts of Production Management, Inventory Management and Quality management
CO2	To provide basic knowledge about Indian Financial system
CO3	To provide the learners with the recent trends in finance

Course: Company Secretarial Practice - II

CO1	To make the learners aware about Key Managerial Personnel
CO2	To acquaint the learners about the types of company meetings, its provisions, rules and regulations
CO3	To familiarize the learners with dematerialization and online trading as well as about company reports and winding up procedure

Course: Accountancy And Financial Management - IV

CO1	To give a working knowledge in respect of accounting of Companies along with ascertainment of profits and losses on investment accounting.
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Course: Business Economics - IV

CO1	To familiarize learners with the fundamental concepts and issues of public finance related to fiscal functions of government, market efficiency role of government, sources of public revenue, types and significance of public expenditure and public debt, fiscal management and policy effectiveness etc
CO2	This course will prepare students to be successful in advanced level studies in economics
CO3	Students will be able to understand fiscal theory, solve basic fiscal problems, and use these techniques to think about a number of policy questions relevant to the operation of the real economy.
CO4	It provides a solid foundation for economic analysis and thinking that can last throughout their education and subsequent professional careers

Course: Foundation Course - IV

CO1	To develops a basic understanding about rights of citizen, ecology, role of modern technology
CO2	To provides an overview of significant skills required to address competition in career choices

Course: Foundation Course- PE - IV

CO1	To develops a basic understanding about rights of citizens, ecology, and the role of modern technology
CO2	To provides an overview of significant skills required to address competition in career choices.

Course: Foundation Course- NCC - IV

CO1	To understand the importance of assessing patriotic values
CO2	To learn application of values like personality development, preservation of environment, discipline etc. in practical life

Course: Foundation Course- NSS - IV

CO1	To make the learners aware about entrepreneurship development
CO2	To enhance maximum utilization of resources
CO3	To make aware about social responsibility



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Sem V

Course: Financial Accounting and Auditing VII - Financial Accounting

CO1 : To give working knowledge of accounting of Companies along with ascertainment of profits and losses in investment accounts

Course: Financial Accounting and Auditing VIII - Cost Accounting

CO1 To impart the knowledge of how cost accounting is used for ascertaining the cost of elements of products

Course: Business Management-I

CO1 To make the learners aware about the conceptual knowledge of management and evolution of management thoughts

CO2 To provide the learners with an insight into the management functions of planning, organizing and staffing

Course: Business Management-II

CO1 To make the learners understand estimation, raising and management of finance

CO2 To familiarize the learners with financial statements and the techniques used for analyzing them

CO3 To help the learners gain insights into the application of ratio analysis for better understanding of the financial position and to identify the sources of finance and tap them effectively

Course: Business Economics - V

CO1 To help the learners understand the impact of New Economic Policy on the various sectors of the economy

CO2 To provide in-depth understanding of the Indian financial sector

CO3 To make the learners aware of some crucial issues like sustainable development, social infrastructure, Industrial pollution and foreign capital flows

CO4 To familiarize learners with policies of the government, evaluating them and analyzing their effect on the economy



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Course: Commerce-V

CO1	To enable the learners with the basic concept of Marketing
CO2	To develop knowledge and understanding of marketing decisions related to product, place, Price and promotion
CO3	To make learners aware about key marketing dimensions

Course: Direct and Indirect Taxation - I

CO1	To give an understanding of provision of direct tax code, practical aspect of tax planning
CO2	To expose to real life situation involving taxation under the various heads of income
CO3	To state the use of various deductions to reduce the taxable income

Course: Export Marketing - I

CO1	To acquaint the learners with India's export marketing potential
CO2	To give conceptual understanding and clarity of terminologies used in export marketing
CO3	To enable the learners, understand the practical significance of the Foreign Trade Policy 2015-20
CO4	To make the learners aware of the export promotion organizations and incentives

Course: Computer Systems and Applications - I

CO1	To get an overview of Computer Systems & Applications
CO2	To understand Data Communication and Network Infrastructure, Types, Topologies, Wired-Wireless Media, Devices and TCP/IP, OSI Model protocols
CO3	To be taught Internet, Services, IP address, DNS, URLs, Search engines and Email account to receive and send with attachments and also to create awareness about security, threats and its protective measures
CO4	To get theory and practical knowledge exposure to Database, their types, and basics of MySQL: a. MS- Excel




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**Course: Psychology Of Human Behavior At Work -
I**

- | | |
|------------|--|
| CO1 | To apply the knowledge for specific organizational situations and realize what can motivate people at work |
| CO2 | To understand how leaders work and the significance of different styles of leadership in the work place |

Course: Marketing Research - I

- | | |
|------------|---|
| CO1 | To get knowledge about how to develop and launch a product |
| CO2 | To get knowledge about green marketing, rural marketing, social marketing and other trends in marketing |



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SEM VI

Course: Business Management - III

- CO1** To acquaint the learners about the managerial functions of motivating, directing, coordinating and controlling
- CO2** To help the learners gain insight into the contemporary issues in management

Course: Business Management - IV

- CO1** To familiarize the learners with the techniques used in capital budgeting
- CO2** To acquaint the learners with the need and importance of working capital management
- CO3** To make the learners aware about cash and receivables management and the basic principles of Costing

Course: Financial Accounting and Auditing X - Cost Accounting

- CO1** To impart the knowledge about the various techniques used to take decisions such as Marginal Costing, Standard Costing which includes the cost accumulation in case of process costing

Course: Commerce- VI

- CO1** To familiarize the learners with the basic concept of Human Resource management
- CO2** To acquaint the learners with various aspects of Human Resource Development and Human Relations
- CO3** To make learners aware about the recent trends in HRM

Course: Computer Systems and Applications - II

- CO1** To learn E-Commerce, their Types, Business Models, E-Commerce Security, Encryption, SSL, Payment Systems, and Limitation of E-commerce
- CO2** To get theory & practical knowledge and exposure to Advanced MS-Excel, Visual Basic




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Course: Export marketing - II

- | | |
|------------|---|
| CO1 | To acquaint the learner with Pricing and product planning decisions for Export Marketing |
| CO2 | To familiarize the learner with various methods of export finance and export risk insurance |
| CO3 | To make the learners understand the export procedure and give clarity of export documents |

Course: Financial Accounting and Auditing IX - Financial Accounting

- | | |
|------------|--|
| CO1 | To give working knowledge of accounting of Companies along with ascertainment of profits and losses in investment accounts |
|------------|--|

Course: Psychology of Human Behaviour at Work - II

- | | |
|------------|---|
| CO1 | To impart knowledge and understanding of the basic concepts in and various facets of Industrial and Organizational Psychology |
| CO2 | To create awareness about the role and importance of Psychological factors and processes in the world of work |
| CO3 | To create a foundation for higher education and a professional career in Industrial Psychology and Organizational Behavior |

Course: Marketing Research - I

- | | |
|------------|---|
| CO1 | To enhance the quality of the decision making of marketing managers. It can reduce business risk through the acquisition of relevant data and information |
|------------|---|

Course: Direct and Indirect Taxation - II

- | | |
|------------|--|
| CO1 | To understand the Indirect Tax Laws specially the GST to acquaint the learners with basic principles of Indirect tax law and to understand tax laws and accepted tax practices |
|------------|--|

Course: Business Economics - VI

- | | |
|------------|--|
| CO1 | To introduce the learners with the basic theories of international trade |
|------------|--|



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Bachelor of Commerce In Accounting And Finance

Programme outcome

PO.1	Learner will understand various accounting tools and system related to business
PO.2	Learner will apply theoretical and technical business knowledge, skills and research techniques in Practical business
PO.3	Learner will develop effective communication skills both oral as well as written and including business communication skills
PO.4	Learner will understand Economic and political Environment of business
PO.5	Develop awareness about social and environmental issues affecting business

Course outcome

Sem -I

Course: Financial Accounting – I

CO1	To introduce the Indian Accounting Standard AS 1, AS 2, AS 9 and to learn inventory valuation methods of go down management.
CO2	To understand classification of various transactions regarding receipts, expenditures, profit and loss and to apply the structure of Final Accounts from the Manufacturing A/c with advance adjustments.
CO3	To introduce Department Accounting and to learn its application in Departmental stores.
CO4	To introduce Hire Purchase Accounting and to learn its application in real life.




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Course: Cost Accounting – I

CO1	To Understand the concepts of costing and accounting procedures.
CO2	To understand uses of materials in production and practical calculations.
CO3	To understand uses of labours in production and calculations of cost.
CO4	To understand bifurcation of overheads with activity.

Course: Financial Management – I

CO1	To introduce the concept of Financial Management to learners.
CO2	To make learners understand various concepts in valuation of money.
CO3	To make learners able to calculate various leverages.
CO4	To introduce the various sources of finance.
CO5	To make learners able to calculate cost of capital of various sources of finances

Course: Business Communication – I

CO1	To study concepts, channels, methods and modes of communication.
CO2	To study on which obstacles facing while doing communication and how to improve listening skills.
CO3	To study business ethics.
CO4	To study on how to maintain business correspondence, what cares should be taken while writing business letters and personal letters.
CO5	To study paragraph writing and writing skills.

Course: Commerce – I (Business Environment)

CO1	To make learners understand the concept of business environment and various tools of environmental analysis.
CO2	To understand learners the concept of business ethics.
CO3	To make learners aware about various consumer laws in India.
CO4	To make learners understand the various contemporary issues.
CO5	To introduce them to the scenario of the international business environment.



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Course: Business Economics – I

C01	To get familiar with the basic tools of Microeconomics.
C02	To analyze the Demand and to understand the process of Demand Estimation.
C03	To apply the optimization techniques into the business.
C04	To get familiar with various Market Structures.
C05	To learn several techniques of Pricing.

Course: Foundation Course – I (Plain)

C01	To understand the pluralistic nature of Indian Society with reference to diversity
C02	To understand the social stratification on the basis of Caste, Class and Estate basis
C03	To understand the Concept of inequality and Intergroup conflicts.
C04	To understand the Meaning of Preamble and composition of Indian Constitution.
C05	To Understand the Types of political parties, Local self-government.

Course: Foundation Course NCC I

C01	Useful for assessing patriotic values
C02	Useful for applying values like personality development, preservation of environment, discipline etc. in practical life.

Course: Foundation Course NSS I

C01	To gain knowledge regarding Indian constitution
C02	To understand the caste system in India and the problems faced by people due to caste system 2
C03	To understand the concept of communal harmony 2
C04	To understand the fundamental duties of an Indian citizen. 2

Course: Foundation Course PE I

C01	To understand the basic concepts of holistic health & fitness
C02	To Familiarize the basic concept of holistic health and personal Fitness
C03	To Create awareness about exercise injuries and its Prevention
C04	To Acquire the knowledge pertaining to sports training drugs abuse and its effects.



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SEM- II

Course: Auditing- II

C01	To introduce the concept of auditing, errors and frauds, principles of audit and types of audits.
C02	To make learners understand how to plan audit programme, how to maintain working papers and maintained audit notes
C03	To make them understand various technique of auditing
C04	To understand the concept of internal audit.

Course: Business Communication - II

C01	To Use slides and visual aids effectively.
C02	To Gain competence in-group communication.
C03	To Gain command over formal correspondence.
C04	To Enhance their Listening, Speaking, Reading and Writing skills to meet the challenges of the world.

Course: Business Law – I

C01	To know the legal knowledge and ethics about contract law.
C02	To understand the depth of the sale of goods.
C03	To know the legal knowledge and ethics about negotiable instruments.
C04	To know the legal knowledge, rights and ethics of consumer

Course: Business Mathematics

C01	Use functions of Ratio, Proportion & Percentages.
C02	Know the Properties & Use functions of Profits & Loss.
C03	Use functions of Interest.
C04	Enables understanding the concept of shares, mutual funds and investment management.

Course: Financial Accounting - II

C01	To learn to convert incomplete records into complete records.
C02	To know about the concepts related to consignment.



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C03 To understand the application of how branches and head offices are maintaining their books of accounts.

C04 To calculate the amount of claim in case of Fire Insurance.

Course: Foundation Course - II

C01 To Understand the concept of Liberalization, Privatization and Globalization.

C02 To Understand Human rights and its origin, evolution.

C03 To Understand environmental concepts like ecology, sustainable development.

C04 To Understand causes of stress on individuals and society.

Course: Innovative Financial Services

C01 To know introduction of various fund and fee based financial services, factoring, forfeiting and the process of bill discounting.

C02 To familiarize the learners with the concepts related to Issue Management intermediaries, stock broking and securitization.

C03 To understand the difference between lease and hire purchase, concept of housing finance and venture capital.

C04 To understand consumer finance, plastic money and credit rating.

Course: Foundation Course - II NSS

C01 To understand the planning to be done for special camp

C02 To understand the structure of government organizations

Course: Foundation Course - II NCC

C01 Define the various concepts of Army

C02 Useful for explaining the availability of community-centered tools

Course: Foundation Course - II PE

C01 To Apply Knowledge of PE for Sports Games

C02 To learn health and Hygiene ,problems & prevention and Control



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Sem- III

Course: Cost Accounting – II

C01	To solve cost sheet problems and acquire skill of application of cost sheet.
C02	To understand reasons and how to reconcile profits of Cost records and financial records.
C03	To Apply calculation of pricing of large size contract by contract costing and to solve practical problems.
C04	To Apply technique of determination of price at the time of running manufacturing process by process costing in practical manner.

Course: Business Economics – II

C01	To introduce the concept of Macroeconomics and various circular flows of income.
C02	To make them understand various concepts in money, prices and inflation.
C03	To make them aware about public finance in depth.
C04	To make them understand about various sources of public revenue and public expenditure.
C05	To understand Fiscal Policy, Budget and Fiscal Federalism.

Course: Financial Accounting – III

C01	To learn the structure of Final Accounts of Partnership Firms with Admission, Retirement, Death of partner.
C02	To learn actual implementation of dissolution of partnership firm with the technique of Piecemeal Distribution of Cash.
C03	To learn the procedure of Amalgamation of partnership firm and conversion of partnership firm into joint stock company.
C04	To learn inter settlement of various transactions during the conversion of partnership firms into Joint Stock Co.
C05	To learn transactions and procedure of foreign currency translation into Indian Rupees.



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Course: Foundation Course – PE III

- | | |
|------------|---|
| C01 | To understand the basic concepts of holistic health & fitness |
| C02 | To Familiarize the basic concept of holistic health and personal Fitness |
| C03 | To Create awareness about exercise injuries and its Prevention |
| C04 | To Acquire the Knowledge pertaining to sports training drugs abuse and its effects. |

Course: Foundation Course – NSS III

- | | |
|------------|--|
| C01 | Learner will learn the overall outcome of natural Disaster and prevention method |
| C02 | Learners know the human values & gender Related Issues |

Course: Foundation Course – NCC III

- | | |
|------------|---|
| C01 | Useful for assessing patriotic values |
| C02 | Useful for applying values like personality development, preservation of environment, discipline etc. in practical life |

Course: Foundation Course Plain (FC)

- | | |
|------------|---|
| C01 | To know about the financial system and function of the financial system. |
| C02 | To study about financial market operations, capital markets, structure of financial markets. |
| C03 | To understand the methods of raising finance by a company through various financial instruments. |
| C04 | To do detailed study about financial services like merchant banking and other financial services. |



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Course: Information Technology in Accountancy – I

C01	To learn types of software and hardware.
C02	To understand and apply the different web tools and Office automation software.
C03	To learn and evaluate the Web browser.
C04	To understand the concept of the internet and apply it to emerging technology.
C05	To understand and implement E-Commerce in Business Plans.

Course: Business Law – II

C01	To Understand the relation of partnership firms and partners with outsiders.
C02	To understand the Registration of LLP and functions of LLP.
C03	To understand the Applicability of provisions of Factory Act, Health safety and welfare measures for workers.

Course: Taxation – II (Direct Tax)

C01	To Gain comprehensive knowledge of Income Tax Act 1961.
C02	Compute income from Salary, House property, Capital Gain, Business and Profession, Other Sources.
C03	To know the various exemptions under section 10.
C04	To learn and apply deductions under section 80
C05	Learners able to compute total income of assesses



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SEM-IV

Course: Business Law - III

C01	To understand the definitions Domestic Company, Foreign Company, Holding company.
C02	To understand the procedure for registration of companies under company Act 2013.
C03	To understand the concept of public issue and private placement.
C04	To understand the ways to raise capital in the primary market by public companies and private companies.

Course: Financial Accounting - IV

C01	To introduce structure of Company Final Accounts as per Indian Company's Act, 2013 and its application.
C02	To understand the procedure of Redemption of Preference Share Capital and Redemption of Debentures; provisions regarding redemption as Company's Act, 2013.
C03	To understand procedure of Pre & Post Prior to Incorporation in columnar forms.
C04	To know structure of Final Accounts of Foreign Branches after conversion into Indian Currency

Course: Foundation Course in Management

C01	To make the learners aware about the knowledge and evolution of Management
C02	To familiarize the learners with the Functions of Management.
C03	To enhance to get maximum results from the available resources.
C04	To learn and analyze the directing and controlling functions of management.



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Course: Foundation Course- NCC IV

- C01** Useful for assessing patriotic values
- C02** Useful for applying values like personality development, preservation of environment, discipline etc. in practical life

Course: Foundation Course- NCC IV

- C01** Develops a basic understanding about rights of citizens, ecology, and the role of modern technology.
- C02** Provides an overview of significant skills required to address competition in career classes.

Course: Foundation Course- NSS IV

- C01** To make the learners aware about entrepreneurship development.
- C02** To enhance maximum utilization of resources.
- C03** To make aware about social responsibility.

Course: Information Technology in Accounting - II

- C01** To apply the concept of Business Process management in their respective area.
- C02** To learn and evaluate the use and work on accounting software Tally.
- C03** To monitor the existing system and apply MIS to make it a fruitful system.
- C04** To understand and how IT Auditing performs.

Course: Management Accounting

- C01** To Introduce the Concept of Management account.
- C02** How to analyze and Interpret Financial Statement.
- C03** To make learners understand the concept ratio analysis and its calculation
- C04** How to analyse cash flows business.
- C05** How to manage and calculate working capital requirements.



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Course: Research Methodology

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|------------|--|
| C01 | To identify problems and verify implementation of recommendations. |
| C02 | To study on research design, and how to formulate the hypothesis. |
| C03 | To study on processing and collection of data, statistical analysis. |
| C04 | To Study on interpretation of data and report writing. |

Course: Taxation - III

- | | |
|------------|---|
| C01 | To understand the advance knowledge on clubbing of Income. |
| C02 | To Learn limitations for a number of years, for which losses can be carried forward and set-off. |
| C03 | To learn the computation of total income for Individuals, HUF and Partnership firm and payment of tax as per assessment year. |
| C04 | To understand the complete knowledge of TDS, Advance Tax, Interest for late payment and Penalty. |
| C05 | To learn how to file online and offline returns for Individuals using ITR 1. |



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SEM-V

Course: Cost Accounting – III

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|------------|---|
| C01 | To study uniform and inter firm comparison between costs. |
| C02 | To know cost structure for production making. |
| C03 | Study practical approach towards in service costing. |
| C04 | To study the process of production with equivalent units. |
| C05 | To study cost calculation with activity based. |

Course: Financial Accounting – V

- | | |
|------------|--|
| C01 | To understand and apply the understanding of shares and debentures. |
| C02 | To understand the procedure of buyback of shares as per Company's Act, 2013. |
| C03 | To learn and analyze the computation of purchase. |
| C04 | To learn and apply the internal reconstruction. |
| C05 | Liquidate joint to stock company as per procedure. |

Course: Financial Accounting – VI

- | | |
|------------|---|
| C01 | To understand the format of Final Accounts of Banking Companies As per Banking Act, 1949. |
| C02 | To understand final Accounts of General Insurance Company as per insurance act. |
| C03 | To understand the Concept and Practical aspects of NBFCs. |
| C04 | To Learn the Methods and Calculation of Goodwill. |
| C05 | To understand procedure and structure of Final Accounts of Limited Liability Partnership As per LLP Act, 2008 |



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Course: Financial Management – II

C01	To study the concept of Strategic Financial Management.
C02	To understand theories of value, risk and return, capital investment decisions, financing decisions, dividend policy, capital structure, and options.
C03	To Demonstrate proficiency in valuation techniques, both DCF (discounted cash flow) and non-DCF.
C04	To Study different Capital Structure Theories and Factors determining Dividend Policy.
C05	To Study the valuation of mutual funds and Bond Valuation.
C06	To understand the concept of Credit Management and Credit Granting Decisions

Course: Management Applications

C01	To apply concepts and techniques in marketing so that they become acquainted with the duties of a marketing manager both strategic and managerial.
C02	To understand integration of numerous activities and processes to produce products and services in a highly competitive global environment by production management.
C03	To learn fundamental HRM frameworks and analyse the overall role of HRM in business.
C04	To Identify the basic financial environment and institutions.

Course: Taxation – IV

C01	To Introduce Indirect taxation system and recent updates in the field after introduction of GST.
C02	To understand different GST Rates on taxable supplies as well as exempt list under notification of Goods and Services and Computation of GST.
C03	To Study the concept of Supply with respect to Time, Place and Value of Supply.
C04	To get familiar with different documents to be used under GST Returns Filing.
C05	To get theoretical as well as practical interpretation of Input Tax Credit in Computation of Net GST Liability.
C06	To know the threshold limit of GST Registration and computation of the same.



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SEM-VI

Course: Cost Accounting – IV

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|------------|---|
| C01 | To make them understand the concept of budgeting and tools of budget control. |
| C02 | To aware them of absorption costing marginal costing cost volume and profit analysis. |
| C03 | To understand learners about managerial decision making. |
| C04 | To understand learners about standard costing and variance analysis. |

Course: Financial Accounting – VII

- | | |
|------------|---|
| C01 | To enable learners, understand the provisions of Indian Electricity Act, 2003 and double accounting system. |
| C02 | To learn how to Prepare final accounts of Co-Operative Housing Society & Consumer Co-Operative Society. |
| C03 | To understand maintaining records of Investment Accounting. |
| C04 | To do comparison between AS and IFRS |

Course: Financial Management III

- | | |
|------------|---|
| C01 | To know about various business valuation methods. |
| C02 | To know about various business modes of acquiring the firms such as mergers and acquisitions. |
| C03 | To understand the concept of Corporate Restructuring. |
| C04 | To know about techniques of leasing and hire purchasing decision making of the same. |
| C05 | To understand the concept of Working Capital Financing and Tondon Committee norms. |

Course: Indian Economy

- | | |
|------------|--|
| C01 | To introduce the learners to the various dimensions of the Indian Economy. |
| C02 | To analyze development in pre-reforms & post reforms periods to give a proper perspective of the Indian Economy. |
| C03 | To understand the contribution of the Service sector in the development of the Indian economy. |
| C04 | To know the role of regulatory authorities in the money market and capital market. |



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Course: Taxation - V

C01	To understand the reason why Customs Duty is levied on the import and export of goods in India.
C02	To restrict imports for conserving foreign exchange.
C03	To protect the imports and exports of goods for achieving the policy objectives of the Government
C04	Understanding practical aspects related to tax payment, TDS, return filing, Audit and Assessment under GST.
C05	Understanding the basic concepts and concepts of Valuation and different duties under Customs Act



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Bachelors Of Commerce in (Banking & Insurance)

Programme outcome

PO.1	Learners will gain knowledge in the fundamentals of banking and insurance and a deep understanding of all the courses undertaken
PO.2	Learners will be equipped to join the industry or set up their own entities, pursue further professional and other courses
PO.3	Learners will be equipped to face upcoming challenges in the banking and insurance industry and business as the specializations offered expose them to practical aspects
PO.4	Learners will be responsible citizens as various academic and co-curricular courses imbibe sensitivity, moral and ethical values among them

Course outcome

Sem -I

Course: Environment And Management Of Financial Services

CO1	To focus on the overview of the banking and insurance sector.
CO2	To understand the various new concepts introduced in the recent banking and insurance trends.

Course: Principles Of Management

CO1	To plan, organize, staffing, direct, coordinate and budget decision techniques for an organization
CO2	To develop foundations of successful management skills



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Course: Financial Accounting- I

CO1	To understand Basic accounting concepts of book keeping and accountancy.
CO2	To understand how books of accounts are maintained by business organizations and classification of capital and revenue expenditure etc

Course: Business Communication- I

CO1	To understand the basics of development of communication skills in the business world.
CO2	To learn the essentials of using modern technology effortlessly to enhance verbal communication.
CO3	To introduce the technically sound methods of written correspondence.

Course: Foundation Course – I

CO1	To make learners understand the overview of Indian Society, Indian Constitution, Demographic and Political Profile etc.
CO2	To focus on group discussions, presentations etc. along with the lectures that will enhance the confidence and skills of learners

Course: Business Economics –I

CO1	Learners will have an overall idea about the theory and principles of microeconomics
CO2	Learners will develop critical and logical Knowledge about demand, Supply and Pricing Practices.

Course: Quantitative Methods – I

CO1	The syllabus focuses on topics related to statistics that are required in Third year project research work like central tendency, dispersion, correlation, testing of hypothesis etc.
CO2	It helps learners in applying their knowledge in research work



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Course: Foundation Course NSS I

CO1	to grow individually and also as a group
CO2	To develop leadership skills, and gain knowledge about different people from different walks of life.

Course: Foundation Course PE I

CO1	Apply knowledge of physical education, growth and development, play, sports and games knowledge, history of physical education and yoga to explain aim and objectives of physical education and in the professional world.
CO2	Having successfully completed this course, students will learn health, health education, personal hygiene, health problems-prevention and control, physical fitness and wellness, health and first-aid-management.

Course: Foundation Course NCC I

CO1	To create a Human Resource of Organized, Trained and Motivated Youth, To Provide Leadership in all Walks of life and be Always Available for the Service of the Nation.
CO2	To Provide a Suitable Environment to Motivate the Youth to Take Up a Career in the Armed Forces.



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Sem - II

Course: Principles And Practices Of Banking And Insurance

CO1	The Syllabus focuses on the various types of insurance schemes and banking trends
CO2	The learners will be helped to understand the recent banking reforms and upcoming opportunities in both the sectors

Course: Business Law

CO1	The syllabus focuses on various laws related to the business world which includes various commercial laws
CO2	The learners will develop Legal aptitude related to various regulatory aspects

Course: Financial Accounting- II

CO1	To understand concepts like Redemption issue of shares and debentures
CO2	To study accounting treatment for redemption, issue and bonus issue

Course: Business Communication- I

CO1	Learners will learn the theoretical aspects of day to day workings of a business organization
CO2	Learners are made aware of job market expectations and accordingly vital tips for personality development are also given
CO3	Learners further enhance their knowledge of written business correspondence through the art of letter writing



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Course: Foundation Course – II

CO1	Learners will have an overview of constitutional and legal rights, violations, and redressal mechanisms w.r.t. Vulnerable sections of the society, disaster management, science and technology, and soft skills
CO2	The inclusion of group discussions, presentations etc. along with the lectures will enhance the confidence and skills of learners

Course: Organizational Behavior

CO1	Learners will understand various individual, organizational skills
CO2	Learners will be able to understand group dynamics and how to balance work and life

Course: Quantitative Methods – Ii

CO1	The syllabus focuses on math and statistics concepts which helps learners to understand and apply their knowledge in portfolio mgmt. and investment planning
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Course: Foundation Course NSS

CO1	To understand the planning to be done for special camp
CO2	To understand the structure of government organizations

Course: Foundation Course NCC

CO1	To understand the basics of fundamentals of civil administration
CO2	To learn health and Hygiene ,problems & prevention and Control

Course: Foundation Course PE

CO1	To Apply Knowledge of PE for Sports Games
CO2	To learn health and Hygiene ,problems & prevention and Control




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Sem - III

Course: Financial Management – I

CO1	The learners are enlightened about the various techniques in financial decision making
CO2	Topics such as capital budgeting helps learners to make better decision making in corporate related to capital

Course: Foundation Course- III

CO1	Learners will get the complete idea regarding old and new age banking
CO2	They will get the clear understanding of banking as a career

Course: Management Accounting

CO1	To give adequate exposure to vertical financial statements
CO2	It helps to understand learners the tools of management accounting like Ratio analysis, working capital calculations etc

Course: Organizational Behavior

CO1	To enrich learners in scientific research to understand organizational life
CO2	Learners will be provided with a roadmap to organization

Course: Information Technology In Banking And Insurance – I

CO1	Syllabus introduces the world of E-commerce and practical helps learners to develop their skills in excel and word
CO2	The syllabus also focused on cybercrime and cyber security




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Course: Financial Markets

CO1	Learners will be clear up the concept, working and importance of Financial Market in depth
CO2	Learners will understand the role of the financial market

Course: Direct Taxation

CO1	To understand basic concepts of tax and Residential and non-residential status
CO2	To study provisions relating to various heads of Income and deductions from total Income to compute the taxable income

Course: Foundation Course – PE III

CO1	Understand the wholesome development of the human being through various theories of physical Education
CO2	Articulate the scientific relationship of physical Education with other related science

Course: Foundation Course – NSS III

CO1	Learners will learn the overall outcome of natural disaster & how they prevent it
CO2	Learners know the human values & gender related issues

Course: Foundation Course – NCC III

CO1	To Develop the National Integration, Secular Values , Discipline among Student
CO2	To provide awareness about environment & Conservatism
CO3	To Impart various qualities for Personality Development




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Sem - IV

Course: Financial Management – II

CO1	The learners will be helped to understand the capital requirements for the company
CO2	Various techniques such as leverages help learners to analyze the financial position of the company

Course: Cost Accounting

CO1	The subject throws light on basic concepts in a special branch of accounting i.e. Cost accounting
CO2	It focuses on ascertainment of cost, fixation of selling price, recording of cost records etc
CO3	It gives adequate exposure to various costing techniques like Marginal costing, standard costing

Course: Entrepreneurship Management

CO1	To boost the morale of learners so as to develop your own business and be an entrepreneur
CO2	learners will be able to design launch run and accomplish their dreams into a Venture

Course: Information Technology In Banking And Insurance- II

CO1	The syllabus is focused on Innovative development in field of banking, learners get acquaint with a UPI, NPCI, various e-payment systems and E-banking concepts
CO2	Practical helps learners in developing presentation skills

Course: Foundation Course IV (An Overview Of Insurance Sector)

CO1	learners will get the clear and deep understanding of insurance sector
CO2	Learners will get the idea about the role of insurance in the economy



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Course: Corporate & Securities Law

CO1	Learners will have an overview of Company Law
CO2	They will understand the regulatory framework of stock exchanges as per SCRA Act 1956 and Depositories Act 1996

Course: Business Economics – II

CO1	Learners will get practical knowledge in day to day life
CO2	Learners will get knowledge about various policies, economic policies, and Monetary, Fiscal and Budgetary policies

Course: Foundation Course - NSS

CO1	To make the learners aware about importance of government Schemes for Entrepreneurship Development
CO2	To familiarize the learners Eco Village, Eco Tourism, Agro tourism
CO3	To study the concept of Ideal Village , Role of NGO, Social responsibility of institutions

Course: Foundation Course - NCC

CO1	To reinforce the aims, motto, vision & mission of the NCC through the academic curriculum
CO2	To instill and inculcate the core values of patriotism, commitment, just and impartial exercise of authority
CO3	To train the students, to be graduates with all-round development, who, apart from their own subject, can successfully compete in other fields of career such as defense analysis , Job Specification

Course: Foundation Course - PE

CO1	Develops a basic understanding about rights of citizens, ecology, and the role of modern technology
CO2	Provides an overview of significant skills required to address competition in career choices.



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Sem - V

Course: Financial Reporting And Analysis

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|------------|---|
| C01 | Learners will gain knowledge about preparation of financial statements, like Banking, Insurance companies as well as Company final accounts |
| C02 | Learners will be able to know about cash flow preparation in companies |
| C03 | Learners will be aware about adoption of IFRS, AS in various companies |

Course: Strategic Management

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|------------|---|
| C01 | To understand inherited problems and rational decisions at the time of need |
| C02 | Learners can develop logical and practical thinking |

Course: Financial Service Management

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|------------|--|
| C01 | Learners will get the information regarding various financial services |
| C02 | They will be able to understand the investment avenues available in financial market |

Course: Research Methodology

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|------------|--|
| C01 | The learners will develop a positive and inquisitive approach to research |
| C02 | Learners will be equipped with theoretical knowledge and practical approach to research |
| C03 | They will be able to choose their research projects for and complete the same self-sufficiently with little assistance |



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Course: International Banking And Finance

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|------------|---|
| CO1 | Learners will be aware about international financial markets and its developments |
| CO2 | Learners will understand the role played by banks in international markets |
| CO3 | Learners will be equipped to handle forex and related transactions |

Course: Auditing – I

- | | |
|------------|--|
| CO1 | To give a working knowledge about the various audits conducted in order to verify whether the financial statements show a true and fair view |
| CO2 | To make learners understand about documentations maintained by an auditor |
| CO3 | To familiarize them with various techniques of auditing, vouching & verification methods |



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Sem - VI

Course: Security Analysis And Portfolio Management

- CO1** To familiarize learners with basic concepts of Security Analysis & Portfolio Management and its various tools and techniques to manage portfolio
- CO2** To acquaint the learners in respect to investment decisions, risk & returns involved
- CO3** To make them aware about the functioning of the securities market

Course: Human Resource Management

- CO1** learners will be able to develop and effectively manage people staff at various levels of organization
- CO2** learners will study various aspects like performance appraisal training and development recruitment selection policy and remuneration applications

Course: Turnaround Management

- CO1** The learners will have a conceptual understanding of business and its various aspects
- CO2** Learners will have a thorough understanding of industry failures, their reasons, and strategies to manage and turnaround such industries
- CO3** They will develop leadership and management traits required to frame such strategies

Course: Central Banking

- CO1** learners will have an expanded outlook of central banks and their role in economy
- CO2** They will also have an understanding of various central banks of different countries

Course: AUDITING - II

- CO1** Learners will gain knowledge about methodology of audit of companies
- CO2** Learners will understand provisions of audit of banking & insurance Companies
- CO3** Awareness about the provisions of Professional misconduct during the course of audit and recent areas of audits



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Bachelor Of Commerce In Financial Market

Programme outcome

PO1	After completing of three years in Bachelor of Commerce (Financial Markets) program the students will be able to Understand the fundamental & operations of financial market, and to apply & evaluate the financial & investment theories
PO2	To focus deep on basics of trading & its regulations market forces etc
PO3	To gain knowledge about risk, wealth, economics as well as legal framework of financial market
PO4	To pursue master's degree in the field finance such as MFM, MBA(Finance) PGDFM etc.
PO5	To achieve highly paid jobs as finance manager Research analysis, financial consultant, project Co Ordinator, wealth manager etc

Course outcome

Sem -I

Course: Financial Accounting 1

CO1	To enable students to learn principles and fundamental concepts of Accountancy
CO2	Prepare ledger accounts using double entry bookkeeping and record journal entries accordingly

Course: - Introduction To Financial System

CO1	After completing the course, the learner will be able to understand the basic concepts in financial markets
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Course: Business Mathematics

CO1 To enable students to learn the basic concepts of mathematics and its application in finance.

Course: Business Communication

CO1 To develop the ability of the students to communicate professionally and correspond correctly

CO2 To understand effective interpersonal communications skills that maximize team effectiveness

Course: - Foundation Course

CO1 Course taken at colleges gives wide range of subjects or in one subject at a basic level, preparing students for more advanced study it teaches us about social values, moral values in students

Course: Foundation Course NSS I

CO1 to grow individually and also as a group

CO2 To develop leadership skills, and gain knowledge about different people from different walks of life.

Course: Foundation Course PE I

CO1 Apply knowledge of physical education, growth and development, play, sports and games knowledge, history of physical education and yoga to explain aim and objectives of physical education and in the professional world.

CO2 Having successfully completed this course, students will learn health, health education, personal hygiene, health problems-prevention and control, physical fitness and wellness, health and first-aid-management.



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Course: Foundation Course NCC I

CO1	To create a Human Resource of Organized, Trained and Motivated Youth, To Provide Leadership in all Walks of life and be Always Available for the Service of the Nation.
CO2	To Provide a Suitable Environment to Motivate the Youth to Take Up a Career in the Armed Forces.

Course: Business Environment

CO1	To provide knowledge of the environment in which business operate, understand the concept, significance and changing dimensions of business environment
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Course: Business Economics

CO1	To understand the basic framework of modern economy in which business operates
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SEM- II

Course: Financial Accounting 2

CO1	Preparing financial statements in accordance with appropriate standards
CO2	Interpreting the business implications of financial statement information. Preparing accounting information for planning and control and for the evaluation of finance

Course: Principles Of Management

CO1	Term management refers how teamwork is important , how with the proper direction leadership skill will be able to accomplish your goals
CO2	Learner will explore the various functions of management
CO3	Management involves not only coordination, but also planning, organizing, leading, and controlling

Course: - Business Statistics

CO1	To impart the basis in Statistics to help students acquire new skills on the application of statistical tools and techniques in Business decision-making
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Course: Business Communication

CO1	demonstrate a good understanding of effective business writing and effective business communications
CO2	To acquire the skills of report writing and Modern forms of communication: email, videoconference, internet, websites and their importance

Course: Foundation Course - II

CO1	It prepares students for more advanced study it teaches us about social problems about the society and to tackle the problem
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Course: Foundation Course NSS- II

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|------------|---|
| CO1 | To understand the planning to be done for special camp |
| CO2 | To understand the structure of government organizations |

Course: Foundation Course NCC - II

- | | |
|------------|--|
| CO1 | To understand the basics of fundamentals of civil administration |
| CO2 | To learn health and Hygiene ,problems & prevention and Control |

Course: Foundation Course PE - II

- | | |
|------------|--|
| CO1 | To Apply Knowledge of PE for Sports Games |
| CO2 | To learn health and Hygiene ,problems & prevention and Control |

Course: Environmental Science

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|------------|--|
| CO1 | Understand key concepts from environment studies, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions |
| CO2 | acquire knowledge on ecosystem, Food Chains, and historical context of environmental issues and the links between human and natural systems |
| CO3 | To understand appreciate concepts and methods from renewable and nonrenewable sources and their application in environmental problem solving |
| CO4 | : Students understand critically on Biodiversity, threats for Biodiversity and their roles and identities as citizens, consumers |

Course: Computer Skills

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| CO1 | To introduce the students about basics of computer |
| CO2 | To provide practical knowledge exposure to MS- Word. To provide practical knowledge exposure MS-Excel. To provide practical knowledge exposure MS- Power |



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Sem- III

Course: Commodities Market

CO1	To perceive emergence and role of commodity market in India.
CO2	To learn commodity exchanges.
CO3	To know role of different players in strengthening commodity market in India.

Course: Management Accounting

CO1	To make them understand the investment decisions and portfolio performance
CO2	To enlighten the students on management Accounting. Helps to give proper idea on financial statement analysis in practical point of view
CO3	To introduce the concept of fund flow and cash flow statement
CO4	To provide knowledge about budget control keeping in mind the scope of the concept
CO5	To develop the know-how and concept of marginal costing with practical problem

Course: Business Law

CO1	Make the students understand about business and corporate law Develop knowledge on contract and various types of contracts
CO2	To help the students to understand the concept of sale of. Make the students understand about Negotiable Instruments

Course: Debt Market 1

CO1	The debt market is the market where debt instruments are traded
CO2	Debt instruments are assets that require a fixed payment to the holder, usually with interest

Course: - Equity Market

CO1	The equity market (often referred to as the stock market) is the market for trading equity instruments
CO2	Stocks are securities that are a claim on the earnings and assets of a corporation



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Course: Computer Skills

CO1	Basic computer literacy
CO2	The ability to back-up
CO3	Experience of online project work
CO4	The ability to nurture creativity
CO5	Social networking skills

Course: Foundation Course - Money Market

CO1	The Financial Markets Foundation Qualification (FMFQ) is an introductory level Program intended for anyone entering a career in the financial markets
CO2	The interaction between cash and derivative markets. The key features of both equity and debt products

Course: Foundation Course – PE III

CO1	Understand the wholesome development of the human being through various theories of physical Education
CO2	Articulate the scientific relationship of physical Education with other related science

Course: Foundation Course – NSS III

CO1	Learners will learn the overall outcome of natural disaster & how they prevent it
CO2	Learners know the human values & gender related issues

Course: Foundation Course – NCC III

CO1	To Develop the National Integration, Secular Values , Discipline among Student
CO2	To provide awareness about environment & Conservatism
CO3	To Impart various qualities for Personality Development



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Sem- IV

Course: - Equity Market 2

CO1	The stock market refers to the collection of markets and exchanges where regular activities of buying, selling, and issuance of shares of publicly held companies take place
CO2	Such financial activities are conducted through institutionalized formal exchanges or over the counter (OTC) marketplaces which operate under a defined set of regulations
CO3	There can be multiple stock trading venues in a country or a region which allow transactions in stocks and other forms of securities

Course: Debt Market 2

CO1	Investments in debt securities typically involve less risk than equity investments and offer a lower potential return on investment
CO2	Debt investments by nature fluctuate less in price than stocks
CO3	Even if a company is liquidated, bondholders are the first to be paid

Course: Business Law 2

CO1	Know about the Corporate Laws in general
CO2	Become aware of legal aspects of Company law
CO3	Understand company contracts and become confident therein
CO4	Deal with corporate and Securities law

Course: Commodities Derivatives

CO1	To get introduced with derivatives and understand pricing commodity derivatives.
CO2	To comprehend concepts and regulatory framework of commodity derivatives.

Course: Business Economics-II

CO1	Economics is a social science concerned with the production, distribution, and consumption of goods and services
CO2	It studies how individuals, businesses, governments, and nations make choices on allocating resources to satisfy their wants and needs and tries to determine how these groups should organize and coordinate efforts to achieve maximum output



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Course: Corporate Finance

CO1	Corporate finance is the areas which deals with sources of funding, the capital structure of corporations
CO2	: the actions that managers take to increase the value of the firm to the shareholders, and the tools and analysis used to allocate financial resources

Course: - Foreign Exchange Markets Foundation Course

CO1	The foreign exchange market (Forex, FX, or currency market) which is a global decentralized or over the counter (OTC) market for the trading of currencies. This market determines the foreign exchange rate. It includes all aspects of buying, selling and exchanging currencies at current or determined prices
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Course: Foundation Course - NSS

CO1	To make the learners aware about importance of government Schemes for Entrepreneurship Development
CO2	To familiarize the learners Eco Village, Eco Tourism, Agro tourism
CO3	To study the concept of Ideal Village , Role of NGO, Social responsibility of institutions

Course: Foundation Course - NCC

CO1	To reinforce the aims, motto, vision & mission of the NCC through the academic curriculum
CO2	To instill and inculcate the core values of patriotism, commitment, just and impartial exercise of authority
CO3	To train the students, to be graduates with all-round development, who, apart from their own subject, can successfully compete in other fields of career such as defense analysis , Job Specification

Course: Foundation Course - PE

CO1	Develops a basic understanding about rights of citizens, ecology, and the role of modern technology
CO2	Provides an overview of significant skills required to address competition in career choices.



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Sem- V

Course: Equity Research

CO1	To get an overview of research.
CO2	To interpret quantitative and qualitative dimensions of research with respect to company.

Course: Business Valuation

CO1	To perceive basics of valuation.
CO2	To understand different valuation models

Course: Marketing In Financial Services

CO1	It helps us to understand trading discipline employed to evaluate investment and identify trading opportunities in price trends and pattern seen on charts
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Course: - Financial Derivatives

CO1	The course describes and examines financial derivatives such as Forward, Future and option, drawing real world financial market experience and application
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Course: Tax Direct And Income Tax

CO1	To introduce the basic concept of Income Tax .In order to familiarize the different know-how and heads of income with its components
CO2	It helps to build an idea about income from house property as a concept .It give more idea about the income from business or profession .Tax saving investments

Course: Business Ethics And Corporate Governance

CO1	How It helps to identify the key players involved in corporate governance, discuss the rightful role of various authorities
CO2	To understand the emerging need and growing importance of good governance and CSR by organizations
CO3	To study the ethical business practices, CSR and Corporate Governance practiced by various organizations



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SEM- VI

Course: Risk Management

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|------------|---|
| C01 | To identify and address the risk facing your business and in doing so increases the like hood of successfully achieving your business objective |
| C02 | To understand issues pertaining to pricing and hedging with options on individual stocks and indexes, to examine forwards and futures contracts for equity indexes, commodities, and currencies, and to analyze second generation derivative products such as interest rates and the management of credit risks |
| C03 | Understanding and managing risk, introduces financial risk management |
| C04 | The processes of risk identification, risk measurement and risk management are explored. The course then goes on to examine reputational risk and operational risk |
| C05 | It concludes with an examination of the subject of behavioural finance and what this can contribute to our understanding of risk taking and risk management |

Course: Venture Capital And Private Equity

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| C01 | Both private equity and venture capitalist invest in companies, both recruit former Investment Bankers, and they both make money from investments rather than advisory fees |
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Course: Mutual Fund Management

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| C01 | A mutual fund collects money from investors and invests the money on their behalf |
| C02 | It charges a small fee for managing the money |
| C03 | Mutual funds are an ideal investment vehicle for regular investors who do not know much about investing. Investors can choose a mutual fund scheme based on their financial goal and start investing to achieve the goal |

Course: Organization Behavior

- | | |
|------------|---|
| C01 | To get an insight of organizational behavior. |
| C02 | To know the role of organizational behavior for managing human resources. |



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Course: - Indirect Tax Gst

- CO1** People have taken note of the GST or the Goods Services Tax law. A new law has been proposed which is set to reform how people do business and the way goods and services are taxed in India. Whether it makes goods cheaper for the common man like you and me, nobody can tell. But this is going to impact our lives in our jobs, our businesses and the overall economic environment. Reason enough for us to learn something about it!

Course: Project

- CO1** Project Work is a learning experience which aims to provide students with the opportunity to synthesize knowledge from various areas of learning, and critically and creatively apply it to real life situations
- CO2** This process, which enhances students' knowledge and enables them to acquire skills like collaboration, communication and independent learning, prepares them for lifelong learning and the challenges ahead



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Bachelor Of Commerce In Management Studies

Programme outcome

PO1	To enable the student well versed in national as well as international trends
PO2	The Programme enables them to pursue higher studies in the field of management such as Business Administration, Human Resource Management, Financial Management, Material Management, Media Studies etc
PO3	The learners become capable of developing positive attitude towards lifelong learning and research
PO4	They are adequately trained to become entrepreneurs in different fields
PO5	They acquire excellent communication skills and soft skills
PO6	The learners acquire skills to initiate and develop business models

Course Outcome

Sem 1

Course: Foundation Course NCC I

CO1	To create a Human Resource of Organized, Trained and Motivated Youth, To Provide Leadership in all Walks of life and be Always Available for the Service of the Nation
CO2	To Provide a Suitable Environment to Motivate the Youth to Take Up a Career in the Armed Forces



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Course: Introduction To Financial Accounts

CO1	To introduce the basic theory, concepts and practice of financial accounting and to enable learners to understand information contained in the published financial statements of companies and other organizations
CO2	To understand the preparation of accounting statements, their uses and limitations

Course: Foundation Course I

CO1	To Understand the multi-cultural diversity of Indian society through its demographic composition: population distribution according to religion, caste, and gender; Appreciate the concept of linguistic diversity in relation to the Indian situation
CO2	To Understand regional variations according to rural, urban and tribal characteristics
CO3	To Understand the concept of diversity as difference

Course: Foundation Course PE I

CO1	Apply knowledge of physical education, growth and development, play, sports and games knowledge, history of physical education and yoga to explain aim and objectives of physical education .and in the professional world
CO2	Having successfully completed this course student will learn health, health education, personal hygiene, health problems-prevention and control, physical fitness and wellness, health and first-aid-management

Course: Foundation Course Nss I

CO1	To gain knowledge regarding Indian constitution
CO2	To understand the caste system in India and the problems faced by people due to caste system
CO3	To understand the concept of communal harmony
CO4	To understand the fundamental duties of an Indian citizen



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Course: Business Economics

CO1	To get the knowledge about Economics at Micro level
CO2	To learn the Relationship between various policies of business
CO3	To know the aspects of economics in day to day life

Course: Business Law

CO1	To understand the law and social responsibility relevant to managing an organization domestically and internationally
CO2	To explain the corporate governance system, including the law related to agency.
CO3	To explain how those in control of the organization's assets, operations and management take into consideration the company's local and global impacts on society in their decision making

Course: Business Statistics

CO1	To learn Basics of data science and data analysis like Averages and forecasting techniques
CO2	To help the learners to understand data based results and to develop logical and analytical skills
CO3	To enable learners become expert in applied statistical methods

Course: Foundation Of Human Skills

CO1	To help the learners learn practical knowledge of Soft skills and Behavioural skills
CO2	To understand the Development of Human skills and conceptual skills as per industry requirements
CO3	To understand their own personality and also educate them about understanding others personality attributes

Course: Business Communication

CO1	To learn the basics of development of communication skills in the business world.
CO2	To grasp the essentials of using modern technology effortlessly to enhance verbal communication
CO3	To introduce technically sound methods of written correspondence



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Sem- II

Course: Principles of Marketing

CO1	To Use an understanding of marketing and the market driven enterprise to differentiate market? driven enterprises from non market driven enterprises in a market economy as a foundation for future course work and employer selection
CO2	To Identify some of the basic approaches to formulating a marketing strategy in order to participate effectively when working with marketing policy coordinators
CO3	To Identify key stages of the market planning process in order to create marketing plans through development of key sections common to most plans

Course: Foundation Course I

CO1	To Understand the concepts of liberalization, privatization and globalization; Growth of information technology and communication and its impact manifested in everyday life; Impact of globalization on industry: changes in employment and increasing migration; Changes in agrarian sector due to globalization; rise in corporate farming and increase in farmers' suicides
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Course: Principles Of Management

CO1	To learn practical knowledge planning, Organising, Implementing, staffing, coordinating, Controlling, Motivating and other area of Management
CO2	To understand the Development of Human skills and conceptual skills as per industry requirements as understanding of various functions of Management.
CO3	To understand basic management skills useful in industries as well as how business organizations work



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Course: Industrial Law

CO1	To develop an understanding of the law and social responsibility relevant to managing an organization domestically and internationally
CO2	To explain the corporate governance system, including the law related to agency.
CO3	To explain how those in control of the organization's assets, operations and management take into consideration the company's local and global impacts on society in their decision making.

Course: Business Environment

CO1	To understand the sum or collection of all internal and external factors such as employees, customers needs and expectations, supply and demand, management, clients, suppliers, owners, activities by government, innovation in technology, social trends, market trends, economic changes, etc
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Course: Business Communication

CO1	To learn the theoretical aspects of day-to-day workings of a business organization
CO2	To be aware of job market expectations and accordingly vital tips for personality development are given
CO3	To enhance their knowledge of written business correspondence through the art of letter writing

Course: Business Mathematics

CO1	To Appreciate business mathematics concepts that are encountered in the real world, understand and be able to communicate the underlying business concepts and mathematics involved to help another person gain insight into the situation
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CO2	To Work with simple and compound interest, annuities, payroll preparation, pricing, invoice preparation, trade discounts, taxes, and depreciation problems in various situations and use correct mathematical terminology, notation, and symbolic processes in order to be prepared for future coursework in business and mathematics that requires the use of and an understanding of the concepts of business mathematics
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Course: Foundation Course NSS II

CO1	To understand the planning to be done for special camp
CO2	To understand the structure of government organizations

Course: Foundation Course NCC I

CO1	To understand the basics of ndma & civil administration
CO2	To learn health and Hygiene, problems & prevention and Control CO PO Mapping

Course: Foundation Course PE II

CO1	To Apply Knowledge of PE for Sports Games
CO2	To learn health and Hygiene, problems & prevention and Control



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Sem-III

Course: Organisation Behaviour & HRM

CO1	To familiarize the learners with the fundamental aspects of Various issues associated with Human Resource Management as a whole.
CO2	To give a comprehensive overview of Organization Behaviour as a separate area of management
CO3	To introduce the basic concepts, functions and processes & create an awareness of the role, functions and functioning of Human Resource Management & OB

Course: Foundation Course – Environment Management

CO1	To understand the Concept and water cycle, Ecosystem & Ecology; Food chain, food web & Energy flow pyramid
CO2	To understand what is Environmental clearance for establishing and operating Industries in India
CO3	To study Innovative Business Models: Eco-tourism, Green marketing, Organic farming, Eco Friendly packaging, Waste management projects for profits other business projects for greener future

Course: Foundation Course – PE III

CO1	Understand the wholesome development of the human being through various theories of physical Education
CO2	Articulate the scientific relationship of physical Education with other related science CO PO Mapping

Course: Foundation Course – Nss III

CO1	To understand the concept of gender sensitivity
CO2	To understand the concept of Hygiene & how to maintain



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Course: Foundation Course – NCC III

C01	Learner would able to understand the concept leadership, risk management
C02	Learner would able to understand the how to maintain the physical, mental & psychology of themselves

Course: Corporate Finance

C01	The objective is to develop a conceptual framework of finance function and to acquaint the participants with the tools techniques and process of financial management in the realm of financial decision making.
C02	The Course aims at explaining core concepts of corporate finance and its importance in managing a business.
C03	To provide understanding of nature, importance, structure of corporate finance related areas and to impart knowledge regarding source of finance for a business.

Course: Consumer Behaviour

C01	To develop an understanding about the consumer decision making process and its applications in marketing function of firms
C02	To equip undergraduate learners with basic knowledge about issues and dimensions of Consumer Behaviour and learners are expected to develop the skill of understanding and analysing consumer information and using it to create consumer- oriented marketing strategies

Course: Business Planning And Entrepreneurship Management

C01	To introduce Entrepreneurship to budding managers
C02	To develop entrepreneurs & to prepare learners to take the responsibility of full line of management function of a company with special reference to SME sector



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Course: Basics of Financial Services

CO1	The course aims at explaining the core concepts of business finance and its importance in managing a business
CO2	The objectives of develop a conceptual framework of finance functions and to acquaint the participants with the tools, types, instruments of financial system in the realm of Indian Financial Market

Course: Recruitment And Selection

CO1	To familiarize the learners with concepts and principles, procedure of Recruitment and Selection in an organization
CO2	To give an in-depth insight into various aspects of Human Resource management and make the learners get acquainted with practical aspect of the subject

Course: Advertising

CO1	To understand and examine the growing importance of advertising.
CO2	To Understand the construction of an effective advertisement, understand the construction of an effective advertisement.
CO3	To understand the role of advertising in contemporary scenario
CO4	To Understand the future and career in advertising



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Sem- IV

Course: Financial Institutions And Markets

CO1	The Course aims at providing the students basic knowledge about the structure, role and functioning of financial institutions and markets in the financial system in India
CO2	To inculcate understanding relating to managing of financial system

Course: Auditing

CO1	To enable students to get acquainted with the various concepts of auditing
CO2	To ensure students understand and practice the various techniques of auditing while managing their finances

Course: Integrated Marketing Communication

CO1	To equip the students with knowledge about the nature, purpose and complex construction in the planning and execution of an effective Integrated Marketing Communication (IMC) program
CO2	To understand the various tools of IMC and the importance of co-ordinating them for an effective marketing communication program

Course: Rural Marketing

CO1	The objective of this course is to explore the students to the Agriculture and Rural Marketing environment so that they can understand consumer's and marketing characteristics of the same for understanding and contributing to the emerging challenges in the upcoming global economic scenario
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Course: Training And Development In HRM

CO1	This paper is not pure academic oriented but practice based. It has been designed, keeping in view the needs of the organizations. Successful managerial performance depends on the individual's ability to observe, interpret the issues and modify his approach and behaviour. All organizations need to pay adequate attention to equip their employees. Rapid progress in technology has changed not only in the physical facilities but also in the abstract qualities required of the men who are using them. This paper will attempt to orient the students to tailor themselves to meet the specific needs of the organizations in training and development activities
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Course: Human Resource Planning And Information System

CO1	To Understand the Concept and Process of HRP
CO2	To Understand Ways of matching Job Requirements and Human Resource Availability
CO3	To Explore the concept of Strategic HRP
CO4	To Understand the applications of HRIS

Course: Information Technology In Business Management

CO1	To understand managerial decision-making and to develop perceptive of major functional area of MIS
CO2	To provide conceptual study of Enterprise Resource Planning, Supply Chain Management, Customer Relationship Management, Key issues in implementation. This module provides understanding about emerging MIS technologies like ERP, CRM, SCM and trends in enterprise applications
CO3	To learn and understand relationship between database management and data warehouse approaches the requirements and applications of data warehouse
CO4	To Learn outsourcing concepts. BPO/KPO industries, their structures, cloud computing



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Course: Business Economics

- | | |
|------------|---|
| CO1 | To study macro economics, data and theory |
| CO2 | To make learners understand money inflation, monetary policy, fiscal policy |
| CO3 | To study issues of international trade |

Course: Business Research Methods

- | | |
|------------|--|
| CO1 | To inculcate the analytical abilities and research skills among the learners |
| CO2 | To give hands on experience and learning in Business Research |

Course: Foundation Course – Ethics And Governance

- | | |
|------------|--|
| CO1 | To understand significance of ethics and ethical practices in businesses which are indispensable for progress of a country |
| CO2 | To learn the applicability of ethics in functional areas like marketing, finance and human resource management |
| CO3 | To understand the emerging need and growing importance of good governance and CSR by organisations |
| CO4 | To study the ethical business practices, CSR and Corporate Governance practiced by various organisations |

Course: Production & Total Quality Management

- | | |
|------------|--|
| CO1 | To acquaint learners with the basic management decisions with respect to production and quality management |
| CO2 | To make the learners understand the designing aspect of production systems |
| CO3 | To enable the learners apply what they have learnt theoretically |



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SEM-V

Course: Investment Analysis And Portfolio Management

CO1	To acquaint the learners with various concepts of finance
CO2	To understand its correlation with practical world
CO3	To understand various models and techniques of security and portfolio analysis

Course: Wealth Management

CO1	To provide an overview of various aspects related to wealth management
CO2	To study the relevance and importance of Insurance in wealth management
CO3	To acquaint the learners with issues related to taxation in wealth management
CO4	To understand various components of retirement planning

Course: Risk Management

CO1	To familiarize the learners with the fundamental aspects of risk management and control
CO2	To give a comprehensive overview of risk governance and assurance with special reference to insurance sector
CO3	To introduce the basic concepts, functions, process, techniques of risk management

Course: Direct Tax

CO1	To understand the provisions of determining residential status of individual
CO2	To study various heads of income
CO3	To study deductions from total income
CO4	To compute taxable income of Individuals



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Course: Service Marketing

CO1	To understand distinctive features of services and key elements in services marketing
CO2	To provide insight into ways to improve service
CO3	To Understand marketing of different services in Indian Context

Course: Ecommerce And Digital Marketing

CO1	To understand increasing significance of E- Commerce and its applications in Business and Various Sectors
CO2	To provide an insight on Digital Marketing activities on various Social Media platforms and its emerging significance in Business
CO3	To understand Latest Trends and Practices in E- Commerce and Digital Marketing, along with its Challenges and Opportunities for an Organisation

Course: Sales And Distribution Management

CO1	To develop understanding of the sales & distribution processes in organizations
CO2	To get familiarized with concepts, approaches and the practical aspects of the key decision making variables in sales management and distribution channel management

Course: Customer Relationship Management

CO1	To understand concept of Customer Relationship Management (CRM) and implementation of Customer Relationship Management
CO2	To provide insight into CRM marketing initiatives, customer service and designing CRM strategy
CO3	To understand new trends in CRM, challenges and opportunities for organizations



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Course: Strategic HRM And HR Polices

CO1	To understand human resource management from a strategic perspective
CO2	To link the HRM functions to corporate strategies in order to understand HR as a strategic resource
CO3	To understand the relationship between strategic human resource management and organizational performance
CO4	To apply the theories and concepts relevant to strategic human resource management in contemporary organizations
CO5	To understand the purpose and process of developing Human Resource Policies

Course: Performance Mgmt. & Career Planning

CO1	To understand the concept of performance management in organizations
CO2	To review performance appraisal systems
CO3	To understand the significance of career planning and practices

Course: Talent & Competency Management

CO1	To understand key talent management & competency management concepts
CO2	To understand the concept and importance of competency mapping
CO3	To understand the role of talent management and competency management in building sustainable competitive advantage to an organization
CO4	To know the ethical and legal obligations associated with talent management



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Course: Stress Management

C01	Understand the basic principles of stress management
C02	Recognize your stress triggers and how to manage them
C03	Develop proactive responses to stressful situations

Course: Logistics And Supply Chain Management

C01	To provide learners with basic understanding of concepts of logistics and supply chain management
C02	To introduce learners to the key activities performed by the logistics function
C03	To provide an insight into the nature of supply chain, its functions and supply chain system
C04	To understand global trends in logistics and supply chain management

Course: Corporate Communication And Public Relations

C01	To provide the learners with basic understanding of the concepts of corporate communication and PR
C02	To introduce various elements of Corporate communication and consider their roles in managing organisations
C03	To examine how various elements of corporate communication must be coordinated to communicate effectively
C04	To develop critical understanding of the different practices associated with corporate communication



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Sem-VI

Course: International Finance

C01	To Familiarize the student with the fundamental aspects of various issues associated with International Finance
C02	To Give comprehensive overview of International Finance as a separate area in International Business
C03	To Introduce the basic concepts, functions, process, techniques, and create an awareness of the role, functions and functioning of International Finance in this Globalised Market
C04	To Introduce the students to Risk Management and International Tax Environment

Course: Innovative Financial Services

C01	To Familiarize with fundamental aspects of various issues associated with various financial services
C02	To give a comprehensive overview of emerging financial services in the light of globalization
C03	To introduce basic concepts, functions, process, techniques and create an awareness of the role, functions and functioning of financial services
C04	To Introduce basic concepts like consumer finance and credit rating

Course: Project Management

C01	The objective of this course is to familiarize the learners with the fundamental aspects of various issues associated with Project Management
C02	To give a comprehensive overview of Project Management as a separate area of Management
C03	To introduce the basic concepts, functions, process, techniques and create an awareness of the role, functions and functioning of Project Management



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Course: Indirect Tax

C01	To Understand the basics of GST
C02	To Study the registration and computation of GST
C03	To Acquaint the students with filing of returns in GST
C04	To Acquaint the students with various concepts of supply under GST and CGST

Course: Brand Management Asst

C01	To understand the meaning and significance of Brand Management.
C02	To know how to build, sustain and grow brands
C03	To know various sources of brand equity
C04	To understand, measure and interpret Brand Performance

Course: Retail Management

C01	To provide understanding of retail management and types of retailers
C02	To develop an understanding of retail management terminology including merchandize management, store management and retail strategy
C03	To acquaint the learners with legal and ethical aspects of retail management
C04	To provide Understanding of retail management and types of retailers

Course: International Marketing

C01	To understand International Marketing, its Advantages and Challenges
C02	To provide an insight on the dynamics of International Marketing Environment
C03	To understand the relevance of International Marketing Mix decisions and recent developments in Global Market
C04	To understand developments in International Marketing



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Course: Media Planning And Management

C01	To understand Media Planning, Strategy and Management with reference to current business scenario
C02	To know the basic characteristics of all media to ensure most effective use of advertising budget
C03	To provide an insight on Media Planning, Budgeting, Scheduling and Evaluating the Different Media Buys

Course: HRM In Global Perspective

C01	To introduce the learners to the study and practice of IHRM
C02	To understand the concepts, theoretical framework and issues of HRM in Global Perspective
C03	To get insights of the concepts of Expatriates and Repatriates
C04	To find out cross culture on human resource management

Course: Workforce Diversity

C01	To Understand the nature of workforce diversity
C02	To familiarize the learners with the strategies to deal with work force diversity
C03	To understand the impact of technology in managing workforce diversity
C04	To be able to interlink between workforce diversity and HRM functions

Course: HRM In Service Sector Management

C01	To understand how to manage human resources in service sector
C02	To Understand the concept and growing importance of HRM in service Sector
C03	To understand the significance of human element in creating customer satisfaction through service quality
C04	To understand the Issues and Challenges of HR in various service sectors



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Course: Indian Ethos In Management

CO1	To Understand the concept of Indian Ethos in Management
CO2	To link the Traditional Management system to Modern management System
CO3	To Understand the Techniques of Stress Management
CO4	To Understand the Evolution of Learning Systems in India

Course: Operations Research

CO1	To help learners to understand operations research methodologies
CO2	To Help learners to solve various problems practically
CO3	To make learners proficient in case analysis and interpretation
CO4	To understand the concept of Job Sequencing




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S. S. T. COLLEGE OF ARTS AND COMMERCE

Bachelor of Science in (Information Technology)

Programme outcome

PO1	To think analytically, creatively and critically in developing robust, extensible and highly maintainable technological solutions to simple and complex problems
PO2	To apply their knowledge and skills to be employed and excel in IT professional careers and/or to continue their education in IT and/or related postgraduate programmes
PO3	To be capable of managing complex IT projects with consideration of the human, financial and environmental factors
PO4	To work effectively as a part of a team to achieve a common stated goal
PO5	To adhere to the highest standards of ethics, including relevant industry and organizational codes of conduct
PO6	To communicate effectively with a range of audiences both technical and non-technical
PO7	To develop an aptitude to engage in continuing professional development




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Course Outcome

Sem - I

Course: Discrete Mathematics

C01	Be able to construct simple mathematical proofs and possess the ability to verify them
C02	Have substantial experience to comprehend formal logical arguments
C03	Be skilful in expressing mathematical properties formally via the formal language of propositional logic and predicate logic
C04	Be able to specify and manipulate basic mathematical objects such as sets, functions, and relations and will also be able to verify simple mathematical properties that these objects possess
C05	Acquire ability to describe computer programs (e.g. recursive functions) in a formal mathematical manner
C06	Be able to apply basic counting techniques to solve combinatorial problems
C07	Gain experience in using various techniques of mathematical induction (weak, strong and structural induction) to prove simple mathematical properties of a variety of discrete structures

Course: Operating Systems

C01	To understand operating system and its component
C02	To learn the various operation on process
C03	To understand multi-threading, critical section and semaphore concept
C04	To learn deadlock and its avoidance, prevention and detection algorithm
C05	To learn various techniques of main memory management
C06	To learn linux and windows operating system



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Course: Imperative Programming

C01	Students should be able to write, compile and debug programs in C language
C02	Students should be able to use different data types in a computer program
C03	Students should be able to design programs involving decision structures, loops and Functions
C04	Students should be able to explain the difference between call by value and call by Reference
C05	Students should be able to understand the dynamics of memory by the use of pointers
C06	Students should be able to use different data structures and create/update basic data files

Course: Digital Electronics

C01	To learn about how computer systems work and underlying principles
C02	To understand the basics of digital electronics needed for computers
C03	To understand the basics of instruction set architecture for reduced and complex instruction sets
C04	To understand the basics of processor structure and operation
C05	To understand how data is transferred between the processor and I/O devices

Course: Communication Skills

C01	To know about various aspects of soft skills and learn ways to develop personality
C02	Understand the importance and type of communication in personal and professional environment
C03	To provide insight into much needed technical and non-technical qualities in career planning
C04	Learn about Leadership, team building, decision making and stress management



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Sem- 2

Course: Web Programming

CO1	To design valid, well formed, scalable, and meaningful pages using emerging technologies
CO2	Understand the various platforms, devices, display resolutions, viewports, and browsers that render websites
CO3	To develop and implement client-side and server-side scripting language programs
CO4	To develop and implement Database Driven Websites
CO5	Design and apply XML to create a markup language for data and document centric applications

Course: Object Oriented Programming

CO1	Students should be able to design programs involving decision structures, loops and functions
CO2	Students should be able to explain the difference between call by value and call by reference
CO3	Students should be able to use different data structures and create/update basic data files
CO4	Students should be able to understand the dynamics of memory by the use of pointers

Course: Numerical And Statistical Methods

CO1	Enable learners to know descriptive statistical concepts
CO2	Enable study of probability concept required for Computer learners

Course: Microprocessor Architecture

CO1	To understand the basics of digital electronics needed for computers
CO2	To understand the basics of instruction set architecture for reduced and complex instruction sets.
CO3	To understand the basics of processor structure and operation
CO4	To understand how data is transferred between the processor and I/O devices

Course: Green Computing Skills

CO1	Learn about green IT can be achieved in and by hardware, software, network communication and data center operations
CO2	Understand the strategies, frameworks, processes and management of green IT



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Sem- 3

Course: Applied Mathematics I

CO1	Use Matrix Algebra to solve different types of problems. Compute the complex variable problems and to apply the concept of complex hyperbolic function in application problems
CO2	Enhance to apply the concept of differential equation problems in project-based learning
CO3	Apply the concept of Laplace transform and Inverse Laplace transform in analytic and technical problems
CO4	Understand the concept of application of multiple integrals in real life problems
CO5	Inculcate the use of Beta and Gamma function and its application in different science and engineering problems

Course: Python Programming

CO1	Students should be able to understand the concepts of programming before actually Starting to write programs
CO2	Students should be able to develop logic for Problem Solving
CO3	Students should be made familiar about the basic constructs of programming such as data, operations, conditions, loops, functions etc
CO4	Students should be able to apply the solving skills using syntactically simple language i.e Python (version: 3.X or higher)
CO5	Students should be able to understand how to read/write to files using python
CO6	Students should be able to catch their own errors that happen during execution of programs
CO7	Students should get an introduction to the concept of pattern matching
CO8	Students should be made familiar with the concepts of GUI controls and designing GUI applications
CO9	Students should be able to connect to the database to move the data to/from the Application
CO10	Students should know how to connect to computers, read from URL and send email



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Course: Database Management System

CO1	Master concepts of stored procedure and triggers and its use
CO2	Learn about using PL/SQL for data management
CO3	Understand concepts and implementations of transaction management and crash Recovery

Course: Data Structure

CO1	Learn about Data structures, its types and significance in computing
CO2	Explore about Abstract Data types and its implementation
CO3	Ability to program various applications using different data structures
CO4	Develops skills in implementations and applications of data structures

Course: Computer Network

CO1	Learners will be able to understand the concepts of networking which are important for them to be known as networking professionals
CO2	Useful to proceed with industrial requirements and International vendor certifications



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Sem- 4

Course: Software Engineering

CO1	To provide knowledge of software engineering discipline
CO2	To analyze risk in software design and quality
CO3	To introduce the concept to advance software methodology

Course: Introduction To Embedded Systems

CO1	Understand what is a microcontroller, microcomputer, embedded system
CO2	Understand different components of micro-controller and their interactions
CO3	Become familiar with programming environment used to develop embedded systems
CO4	Understand key concepts of embedded systems like IO, timers, interrupts, interaction with peripheral devices
CO5	Learn debugging techniques for an embedded system

Course: Core Java

CO1	Object oriented programming concepts using Java
CO2	Knowledge of input, its processing and getting suitable output
CO3	Understand, design, implement and evaluate classes and applets
CO4	Knowledge and implementation of AWT package

Course: Computer Oriented Statistical Techniques

CO1	Enable learners to know descriptive statistical concepts
CO2	Enable study of probability concept required for Computer learners

Course: Computer Graphics And Animation

CO1	Understand the basic concepts of Computer Graphics
CO2	Demonstrate various algorithms for scan conversion and filling of basic objects and their comparative analysis
CO3	Apply geometric transformations, viewing and clipping on graphical objects
CO4	Explore solid model representation techniques and projections
CO5	Understand visible surface detection techniques and illumination models



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Sem-5

Course: Linux System Administration

CO1	Learner will be able to develop Linux based systems and maintain
CO2	Learner will be able to install appropriate service on Linux server as per requirement
CO3	Learner will have proficiency in Linux server administration

Course: Enterprise Java

CO1	Understand the Java Enterprise Edition architectural components along with various session management techniques and Servlet creation
CO2	Design web-based applications using Java Server Page (JSP)
CO3	Explain Enterprise JavaBean (EJB) architectural components and different types of EJBs
CO4	Design reusable software components using EJB to implement business logic for an Enterprise application

Course: Software Project Management

CO1	Apply selection criteria and select an appropriate project from different options
CO2	Write work breakdown structure for a project and develop a schedule based on it
CO3	Identify opportunities and threats to the project and decide an approach to deal with them strategically
CO4	Use Earned value technique and determine & predict the status of the project
CO5	Capture lessons learned during project phases and document them for future reference



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Course: Advanced Web Programming

CO1	Understand the .NET framework
CO2	Develop a proficiency in the C# programming language
CO3	Proficiently develop ASP.NET web applications using C#
CO4	Use ADO.NET for data persistence in a web application

Course: Iot

CO1	Understand the .NET framework
CO2	Develop a proficiency in the C# programming language
CO3	Proficiently develop ASP.NET web applications using C#
CO4	Use ADO.NET for data persistence in a web application



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Sem-6

Course: Software Quality Assurance

CO1	Create and apply a software quality assurance plan for all software projects
CO2	Create and manage a software quality assurance team
CO3	Conduct and facilitate inspections, product reviews, walk-throughs, and audits
CO4	Create and maintain appropriate metrics to measure and maintain quality

Course: Principle Of Geographic Information System

CO1	Know the basic concepts in GIS
CO2	Work with basic tools in GIS software
CO3	Understand and manage spatial information
CO4	Apply GIS tools and techniques in related applications

Course: Business Intelligence

CO1	The student will define the importance of business intelligence
CO2	The student will identify how various business intelligence systems can contribute to organizational success
CO3	The student will apply common methods used in business intelligence

Course: Security In Computing

CO1	To think analytically, creatively and critically in developing robust, extensible and highly maintainable technological solutions to simple and complex problems
CO2	To apply their knowledge and skills to be employed and excel in IT professional careers and/or to continue their education in IT and/or related post graduate programs
CO3	To be capable of managing complex IT projects with consideration of the human, financial and environmental factors



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CO4	To work effectively as a part of a team to achieve a common stated goal
CO5	To adhere to the highest standards of ethics, including relevant industry and organizational codes of conduct
CO6	To communicate effectively with a range of audiences both technical and non-technical
CO7	To develop an aptitude to engage in continuing professional development

Course: Information Technology Service Management

CO1	Ability to identify IT services as a means to provide functionality and value to customers in the context of specific case studies
CO2	Ability to understand the needs and targets of the different stakeholders (service providers, customers, suppliers/partners) in the services value chain
CO3	Ability to understand the value of a service management framework as a means to help consultants and firms to establish a common understanding to ground a service management approach
CO4	Ability to understand the service management processes -Ability to specify the service management system for given customers
CO5	Ability to select the appropriate tools to support a given designed service management solution



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Bachelor of Science (Computer Science)

Programme outcome

PO1	An ability to apply knowledge of computing and mathematics appropriate to the discipline
PO2	An ability to identify, formulates, and develops solutions to computational challenges
PO3	An ability to design, implement, and evaluate a computational system to meet desired needs within realistic constraints
PO4	An ability to function effectively on teams to accomplish shared computing design, evaluation, or implementation goals
PO5	An understanding of professional, ethical, legal, security, and social issues and responsibilities for the computing profession
PO6	An ability to communicate and engage effectively with diverse stakeholders
PO7	An ability to analyze impacts of computing on individuals, organizations, and society
PO8	Recognition of the need for and ability to engage in continuing professional development
PO9	An ability to use appropriate techniques, skills, and tools necessary for computing practice
PO10	An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modelling and design of computational systems in a way that demonstrates comprehension of the trade-offs involved in design choices
PO11	An ability to apply design and development principles in the construction of software systems of varying complexity



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Course Outcome

Sem - I

Course: Soft Skill Development

C01	To know about various aspects of soft skills and learn ways to develop personality
C02	Understand the importance and type of communication in personal and professional Environment
C03	To provide insight into much needed technical and non-technical qualities in career planning
C04	Learn about Leadership, team building, decision making and stress management

Course: Open Source Technologies

C01	Upon completion of this course, students should have a good working knowledge of Open-Source ecosystem, its use, impact and importance
C02	This course shall help student to learn Open- Source methodologies, case studies with real life examples

Course: Descriptive Statistical Technique And Probability

C01	Understand various quantitative & statistical methods
C02	Understand data and draw inference from data
C03	Calculate and interpret statistical values by using statistical tool (correlation & regression)
C04	Demonstrate an ability to apply various statistical tools to solve business problem



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Course: Database Management System

CO1	Students should be able to evaluate business information problems and find the requirements of a problem in terms of data
CO2	Students should be able to design the database schema with the use of appropriate data types for storage of data in the database.

Course: Discrete Mathematics

CO1	Ability to apply mathematical logic to solve problems
CO2	Understand sets, relations, functions and discrete structures
CO3	Able to use logical notations to define and reason about fundamental mathematical concepts such as sets relations and functions
CO4	Able to formulate problems and solve recurrence relations
CO5	Able to model and solve real world problems using graphs and trees

Course: Introduction To Programming With Python

CO1	Students should be able to understand the concepts of programming before actually starting to write programs
CO2	Students should be able to develop logic for Problem Solving
CO3	Students should be made familiar about the basic constructs of programming such as data, operations, conditions, loops, functions etc
CO4	Students should be able to apply the problem solving skills using syntactically simple language

Course: Computer Organization and Design

CO1	To understand the structure and operation of modern processors and their instruction sets
CO2	It understands various programming languages that support instruction set architecture
CO3	To explore and understand the concepts of main components of a processor
CO4	Knowledge of fundamentals concepts of pipeline and vector processing



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Sem 2

Course: Calculus

CO1	Understanding of Mathematical concepts like limit, continuity, derivative, integration of functions
CO2	Ability to appreciate real world applications which uses these concepts
CO3	Skill to formulate a problem through Mathematical modeling and simulation

Course: Linux

CO1	Upon completion of this course, students should have a good working knowledge of Linux, from both a graphical and command line perspective, allowing them to easily use any Linux distribution
CO2	This course shall help students to learn advanced subjects in computer science practically
CO3	Students shall be able to progress as a Developer or Linux System Administrator using the acquired skill set

Course: Statistical Methods And Testing Of Hypothesis

CO1	Enable learners to know descriptive statistical concepts
CO2	Enable study of probability concept required for Computer learners

Course: Programming With C

CO1	Students should be able to write, compile and debug programs in C language
CO2	Students should be able to use different data types in a computer program
CO3	Students should be able to design programs involving decision structures, loops and functions
CO4	Students should be able to explain the difference between call by value and call by reference
CO5	Students should be able to understand the dynamics of memory by the use of pointers
CO6	Students should be able to use different data structures and create/update basic data files



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Course: Programming With Python – II

C01	Students should be able to understand how to read/write to files using python
C02	Students should be able to catch their own errors that happen during execution of programs
C03	Students should get an introduction to the concept of pattern matching
C04	Students should be made familiar with the concepts of GUI controls and designing GUI applications
C05	Students should be able to connect to the database to move the data to/from the application
C06	Students should know how to connect to computers, read from URL and send email

Course: Data Structure

C01	Learn about Data structures, its types and significance in computing
C02	Explore about Abstract Data types and its implementation
C03	Ability to program various applications using different data structure in Python

Course: Green Technologies

C01	Learn about green IT can be achieved in and by hardware, software, network communication and data center operations
C02	Understand the strategies, frameworks, processes and management of green IT



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Sem 3

Course: Combinatorial And Graph Theory

CO1	Demonstrate the knowledge of Fundamental concepts in graph theory, including properties and characterization of graphs and trees
CO2	Use graphs for solving real life problems
CO3	Distinguish between planar and non-planar graphs and solve problems
CO4	Develop efficient algorithms for graph related problems in different domains of engineering and science

Course: Physical Comp & IOT Prog

CO1	Enable learners to understand System on Chip Architectures
CO2	Introduction and preparing Raspberry Pi with hardware and installation
CO3	Learn physical interfaces and electronics of Raspberry Pi and program them using practical
CO4	Learn how to make consumer grade IoT safe and secure with proper use of protocols

Course: Database Management System

CO1	Students should be able to understand the concepts of programming before actually starting to write programs
CO2	Students should be able to develop logic for Problem Solving
CO3	Students should be made familiar about the basic constructs of programming such as data, operations, conditions, loops, functions etc




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Course: Core Java

C01	Object oriented programming concepts using Java
C02	Knowledge of input, its processing and getting suitable output
C03	Understand, design, implement and evaluate classes and applets
C04	Knowledge and implementation of AWT package

Course: Theory Of Computation

C01	Understand Grammar and Languages
C02	Learn about Automata theory and its application in Language Design
C03	Learn about Turing Machines and Pushdown Automata
C04	Understand Linear Bound Automata and its applications

Course: Web Programming

C01	To design valid, well-formed, scalable, and meaningful pages using emerging technologies
C02	Understand the various platforms, devices, display resolutions, viewports, and browsers that render websites
C03	To develop and implement client-side and server-side scripting language programs
C04	To develop and implement Database Driven Websites
C05	Design and apply XML to create a markup language for data and document centric applications

Course: Operating System

C01	To provide an understanding of the operating system, its structures and functioning
C02	Develop and master understanding of algorithms used by operating systems for various purposes



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Sem 4

Course: Fundamental Of Algorithm

C01	Understand the concepts of algorithms for designing good program
C02	Implement algorithms using Python

Course: Advanced Java

C01	To remember the concepts of Core Java
C02	Understand the concepts related to servlets of Java Technology
C03	To use of Java Server Programming
C04	Students should create applications using Java Beans, MVC Architecture & JDBC

Course: Computer Networks

C01	Learners will be able to understand the concepts of networking, which are important for them to be known as networking professionals
C02	Useful to proceed with industrial requirements and International vendor certifications

Course: Software Engineering

C01	To provide knowledge of software engineering discipline
C02	To analyze risk in software design and quality
C03	To introduce the concept to advance software methodology

Course: Net Technologies

C01	Understand the .NET framework
C02	Develop a proficiency in the C# programming language
C03	Proficiently develop ASP.NET web applications using C#.
C04	Use ADO.NET for data persistence in a web application



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Course: Linear Algebra Using Python

C01	Appreciate the relevance of linear algebra in the field of computer science
C02	Understand the concepts through program implementation
C03	Instill computational thinking while learning linear algebra

Course: Android Developer Fundamentals

C01	Understand the requirements of the Mobile programming environment
C02	Learn about basic methods, tools and techniques for developing Apps
C03	Explore and practice App development on Android Platform
C04	Develop working prototypes of working systems for various uses in daily lives



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Sem-V

Course: Information And Network Security

CO1 To provide students with knowledge of basic concepts of computer security including network security and cryptography

Course: Game Programming

CO1 Learners should get the understanding of computer Graphics programming using Directx or Open Along with the VR and AR they should also be aware of GPU, newer technologies and programming using the most important API for windows

Course: Software Testing And Quality Assurance

CO1 Understand various software testing methods and strategies

CO2 Understand a variety of software metrics, and identify defects and managing those defects for improvement in quality for given software

CO3 Design SQA activities, SQA strategy, formal technical review report for Software quality control and assurance

Course: Artificial Intelligence

CO1 To impart knowledge about Artificial Intelligence

CO2 To give understanding of the main abstractions and reasoning for intelligent systems

CO3 To get a clear understanding of AI and different search algorithms used for solving problems

CO4 To enable the students to understand the basic principles of Artificial Intelligence in various applications

Course: Web Services

CO1 Emphasis on SOAP based web services and associated standards such as WSDL

CO2 Design SOAP based/ RESTful/ WCF services Deal with Security and QoS issues of Web Services



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Sem-VI

Course: Wireless Sensor Networks And Mobile Communication

CO1	After completion of this course, the learner should be able to list various applications of wireless sensor networks, describe the concepts, protocols, design, implementation and use of wireless sensor networks
CO2	Also implement and evaluate new ideas for solving wireless sensor network design issues

Course: Digital Image Processing

CO1	Learners should review the fundamental concepts of a digital image processing system
CO2	Analyze the images in the frequency domain using various transforms
CO3	Evaluate the techniques for image enhancement and image segmentation. Apply various compression techniques
CO4	They will be familiar with basic image processing techniques for solving real problems

Course: Ethical Hacking

CO1	Learner will know to identify security vulnerabilities and weaknesses in the target applications
CO2	They will also know how to test and exploit systems using various tools and understand the impact of hacking in real time machines



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Course: Data Science

CO1	The students should be able to understand & comprehend the problem and should be able to define suitable statistical methods to be adopted
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Course: Cloud Computing

CO1	Learner should be able to articulate the main concepts, key technologies, strengths, and limitations of cloud computing and the possible applications for state-of-the-art cloud computing using open source technology
CO2	Learners should be able to identify the architecture and infrastructure of cloud computing, including SaaS, PaaS, IaaS, public cloud, private cloud, hybrid cloud, etc
CO3	They should explain the core issues of cloud computing such as security, privacy, and interoperability



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Master of Commerce (Advanced Accounting)

Programme Outcome

PO1	To provide a systematic and rigorous learning and exposure to Advanced Accounting related disciplines
PO2	Learners will be able to develop conceptual, applied and research skills as well as competencies required for effective problem solving and right decision making in routine and special activities relevant to Management and Accounting Field
PO3	To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce
PO4	Learners will be able to well versed in national as well as international trend




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Course outcome

Sem -I

Course: Strategic Management

CO1	To enable the learners to understand new forms of Strategic Management concepts and their use in business
CO2	To provide information pertaining to Business, Corporate and Global Reforms
CO3	To develop learning and analytical skills of the learners to enable them to solve cases and to provide strategic solutions
CO4	To acquaint the learners with recent developments and trends in the business corporate world

Course: Economics For Business Decisions

CO1	This course is designed to equip the students with basic tools of economic theory and its practical applications
CO2	The course aims at familiarising the students with the understanding of the economic aspects of current affairs and thereby prepares them to analyse the market behaviour with economic way of thinking
CO3	In addition to providing an insight into application of economic principles in business decisions, it also intends to widen analytical ability of the students and to provide them a foundation for further study of economics
CO4	In order to make the study practical oriented, the paper requires discussion of some cases involving the use of concepts of business economics




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Course: Cost And Management Accounting

CO1	To enhance the abilities of learners to develop the concept of Cost and management accounting and its significance in the business
CO2	To enable the learners to understand, develop and apply the techniques of costing in the decision making in the business corporates
CO3	To enable the learners in understanding, developing, preparing and presenting the financial report in the business corporates

Course: Business Ethics And Corporate Social Responsibility

CO1	To familiarize the learners with the concept and relevance of Business Ethics in the modern era
CO2	To enable learners to understand the scope and complexity of Corporate Social responsibility in the global and Indian context

Sem - II

Course: Research Methodology For Business

CO1	<i>To enhance the abilities of learners to undertake research in business & social sciences</i>
CO2	<i>To enable the learners to understand, develop and apply the fundamental skills in formulating research problems</i>
CO3	<i>To enable the learners in understanding and developing the most appropriate methodology for their research</i>
CO4	<i>To make the learners familiar with the basic statistical tools and techniques applicable for research</i>



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Course: Macro Economics Concepts And Applications

CO1	The heavily application-oriented nature of macroeconomics course is introduced in order to enable the learners to grasp fully the theoretical rationale behind policies at the country as well as corporate level
CO2	This course the learners to receive a firm grounding on the basic macroeconomic concepts that strengthen analysis of crucial economic policies
CO3	Learners are expected to regularly read suggested current readings and related articles in the dailies and journals are analysed class rooms

Course: Corporate Finance

CO1	To enhance the abilities of learners to develop the objectives of Financial Management
CO2	To enhance the abilities of learners to develop the objectives of Financial Management
CO3	To enhance the abilities of learners to analyse the financial statements.

Course: E-Commerce

CO1	To provide an analytical framework to understand the emerging world of e-commerce
CO2	To make the learners familiar with current challenges and issues in e-commerce
CO3	To develop the understanding of the learners towards various business Models
CO4	To enable to understand the Web- based Commerce and equip the learners to assess e-commerce requirements of a business
CO5	To develop understanding of learners relating to Legal and Regulatory Environment and Security issues of E-commerce



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Sem - III

Course: Advanced Financial Accounting

C01	To understand the procedure of foreign currency conversion as per applicable in accounting standards
C02	To enable the learners about final accounts of banking companies and provisions of Non-performing Assets
C03	To understand the accounting provisions for Insurance Companies as per IRDA Act
C04	To familiarize the learners for accounting provisions of Maharashtra State Co-operative societies

Course: Direct Tax

C01	To provide an overview of the direct taxation system of India
C02	To provide Knowledge of computation of Income Tax
C03	To enable to file tax return
C04	To make awareness for taking occupation as tax consultant

Course: Advanced Cost Accounting

C01	To enable participants to understand the Concepts of Process Costing, cost Allocation, Activity Based costing using various methods
C02	To Study the concept of Strategic cost allocation with various methods



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Sem - IV

Course: Corporate Financial Accounting

CO1	To study the need for reporting, contents of financial reports and recent trends in financial reporting
CO2	To understand the applicability, interpretation and compliance of Accounting Standards and basic introduction to IFRS
CO3	To know the methods of Valuation of business for amalgamation and mergers
CO4	To enable the learners to understand the applicability and procedure of consolidated financial statements

Course: Indirect Tax

CO1	To understand the concept of 'One nation, One Tax' with uniform tax rates in India
CO2	To learn the calculation of aggregate turnover and computation of CGST, SGST, UTGST and IGST
CO3	To know about different documents useful for completion of GST filing formalities
CO4	To understand conditions for under GST provision registration

Course: Financial Management

CO1	To enable participants to understand the relevance of key financial management concepts and appreciate the responsibility of financial managers towards integrated business analysis and decisions towards overall corporate strategy
CO2	To Know about the cost of capital, leveraging and its impact on the capital structure and the company's dividend policy



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S.S.T COLLEGE OF ARTS
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S. S. T. COLLEGE OF ARTS AND COMMERCE

Master Of Arts (Economics)

Programme outcome

PO1	The programme enables the learners to understand art, literature and humanities
PO2	It facilitates all round development of personality
PO3	The course helps the development of rational thinking amongst students while taking decisions in their day to day life
PO4	Through the course, the student will be able to imbibe ethical, moral, national, patriotic and cultural values
PO5	The programme provides a holistic understanding of society, economy and political system
PO6	The learners will be able to acquire employable skills
PO7	The programme provides formative understanding of the research process
PO8	It creates an interdisciplinary approach among the students



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Course Outcome

Master Of Arts (Economics)

Sem -I

Course: Microeconomics-I

CO1	to enhance general equilibrium theory and our understanding of company and customer behavior
CO2	to give students the theoretical and analytical tools they need to analyze issues with economic policy

Course: Macroeconomics-I

CO1	To comprehend accounting stocks and flows for macroeconomics
CO2	to understand fiscal and monetary policies

Course: Statistical Methods In Economics

CO1	To Understand Problems in a Simple Linear Regression model
CO2	To Understand about Covariance and Correlation, the Law of Large numbers

Course: Economics Of Development – I

CO1	Understand the Concepts and measures of Growth and Developments in economics though
CO2	To understand concepts and measures of Growth and Developments in economics



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Sem-II

Course: Microeconomics - II

CO1	To Understand the concepts of Game Theory
CO2	To Understand the concepts of alternative Theories of the Firm

Course: Macroeconomics - II

CO1	To understand the new Classical Economics
CO2	to understanding about Financial Intermediaries and Unconventional monetary Policy Inflation Targeting and Exchange Rates

Course: Mathematical Techniques For Economist

CO1	To understand matrices, adding and multiplying matrices, transpose and inverse of a matrix, solving simultaneous equations with matrices
CO2	To understand unconstrained optimization in economics, partial derivatives and their applications in Economics

Course: Public Economics

CO1	To understand public Expenditures: Rationale and Evaluation
CO2	To Understanding Reforms and Government



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Sem - III

Course: International Trade: Theory And Policy

CO1	To understand Modern Trade Theory
CO2	To understand the effects and the restrictions on free flow of international trade with empirical evidence

Course: Economics Of Agricultural Production And Rural Markets

CO1	To understand the various types of relationships in agriculture
CO2	To understand about factors and products, problems of instability in production, the functioning of and imperfections in credit markets

Course: Economics Of Labour Markets

CO1	To understand the course sheds light on a range of new developments and a host of issues studied by generations of labour market experts
CO2	To Understand the cost of labour, workers' participation and impact of new labour policies in the labour market

Course: Trade Unions And Industrial Relations In India

CO1	to provide a basic conceptual understanding of the economics of trade unions and industrial relations in India
CO2	to enable familiarity with relevant data along with their limitations

Course: Agricultural Development And Policy

CO1	to enhance the students' understanding of agricultural development
CO2	tries to enhance the students' awareness on contemporary debates in the literature, and leads them to analysis of current governmental policies and strategies for surviving in the globalizing world



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Sem-IV

Course: International Finance

CO1	to provide a theoretical exposition of different aspects of international finance and financial institutions in the context of globalization
CO2	to develop a good understanding of International Trade and Trade Policies is desirable

Course: Demography: Theory And Basic Analysis

CO1	To provide an understanding of demographic processes including an in-depth knowledge of linkages between population and economic development
CO2	To introduce major developments in demographic concepts by highlighting the sources of demographic data
CO3	To understand fertility, mortality, migration and population projection



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Master Of Arts (History)

Programme outcome

PO1	The programme enables the learners to understand art, literature and humanities
PO2	It facilitates all round development of personality
PO3	The course helps the development of rational thinking amongst students while taking decisions in their day to day life
PO4	Through the course, the student will be able to imbibe ethical, moral, national, patriotic and cultural values
PO5	The programme provides a holistic understanding of society, economy and political system
PO6	The learners will be able to acquire employable skills
PO7	The programme provides formative understanding of the research process
PO8	It creates an interdisciplinary approach among the students




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& COMMERCE ULHASNAGAR-4

Course outcome

Sem - I

Course: Research Methods In History

CO1 To teach students the basic scientific methodology and tenets as implemented in history writing

Course: Social, Economic And Administrative History Of Modern India (1757 CE – 1947 CE)

CO1 To enable students to understand with the evolution of sociocultural, religious and political processes in the early Indian past on the basis of which the plural Indian

Course: Social, Economic And Administrative History Of Medieval India (1200 CE – 1700 CE)

CO1 To facilitate students with the evolution of socio-cultural, religious and political processes in Medieval Indian past and introducing them to important social, cultural ideas and institutions

Course: Social, Economic And Administrative History Of Early India (Up To 1000 CE)

CO1 To facilitate students with the evolution of socio-cultural, religious and political processes in Modern Indian History as well as impact of British rule in India



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Sem- II

Course: History Of Emancipatory Movements In Modern World

CO1 To equip students with the trends of the comprehension of the past and to make them understand the relationship between Philosophy and History

Course: History Of Contemporary India (1947 – 2000 CE)

CO1 To equip students with main events and processes of Modern World History

Course: Philosophy Of History

CO1 To make students aware about social movements of the world and introducing her/him with main emancipatory movements of the modern world




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Sem- III

Course: Indian National Movement (1857 CE To 1947 CE)

CO1	To provide free and favorable ambiance for innovative thinking and impart deep disciplinary (History) knowledge with an interdisciplinary bandwidth to the learners in order to make them problem solvers, leaders and entrepreneurs; to acquaint students with the making of Modern India and the struggle for independence
CO2	To develop analytical skills and critical thinking through close reading of history and related other text also to absorb and spread the values of equality, human dignity, honesty, and inclusivity
CO3	To cultivate appreciation of dedicated leaders' contribution, as making modern India, and help them to understand the importance of various freedom movements that shape today's India
CO4	To explore in border and emerging areas to advance knowledge and through innovation made it intellectual assets and entrepreneurship to speed up development
CO5	To enable students to understand to add efficiently in the welfare of society, address the local and global challenges; respecting culture, environment, and sustainability; to attract, hold and slot in talent in history discipline and promote academic strictness and scholarship

Course: History Of Buddhism

CO1	The student will learn the historicity of the religion, especially in its socio cultural background and material milieu
CO2	Understand the salient features of Buddhism
CO3	To examine the contribution of King Ashoka and other dynasties in the spread of Buddhism and to understand the impact of Buddhism on society
CO4	Understand the sources of Buddhism in order to understand life and teachings of Gautam Buddha



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Course: Thinkers Of Modern Maharashtra

CO1	.Student know the history of thinkers of modern Maharashtra from an analytical perspective
CO2	To point out to them the dialectical relationship between continuity and change in Maharashtra
CO3	Students will understand the ideas, institutions, forces and movements that contributed by thinkers of modern Maharashtra for its structural changes
CO4	Students understand various interpretative perspectives

Course: History Of Indian Archaeology

CO1	Understand the various Kinds of Archaeology
CO2	Study the important Archaeologists
CO3	Evaluate the excavation methods
CO4	Trace the Megalithic cultural sites in India
CO5	Analyze the archaeological sites in India

Course: History Of West Asia (1900 CE To 2000 CE)

CO1	Understand the leadership and its impact on the West Asia
CO2	Understand the nature and effects of World War I & II on West Asia
CO3	Explain the developments in West Asian History during the period between the two World Wars
CO4	Analyze the beginnings of West Asian Rulers



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Sem-IV

Course: Maritime History Of India (17th- 19th Centuries)

CO1	Vibrant Maritime History of India from Ancient, Medieval, Colonial, Contemporary Period
CO2	Prevailing Security Scenario and Geo-Politics in the Indo-Pacific and Indian Ocean Region
CO3	To familiarize and gain basic knowledge on critical International and National Maritime Laws
CO4	Would have gained basic knowledge on strategic importance of the Indo-Pacific

Course: Sources In Historical Research

CO1	Acquaint himself with various types of primary sources
CO2	Describe salient features of the tradition of history writing during the ancient, medieval and modern periods
CO3	Critically examine Modern Indian Traditions of History Writing
CO4	Understand the recent developments in the conception of history
CO5	Critically comprehend new approaches adopted by historians
CO6	Know the new tools used by historians to write history



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Master Of Arts (Political Science)

Programme Outcome

PO1	The programme enables the learners to understand art, literature and humanities
PO2	It facilitates all round development of personality
PO3	The course helps the development of rational thinking amongst students while taking decisions in their day to day life
PO4	Through the course, the student will be able to imbibe ethical, moral, national, patriotic and cultural values
PO5	The programme provides a holistic understanding of society, economy and political system
PO6	The learners will be able to acquire employable skills
PO7	The programme provides formative understanding of the research process
PO8	It creates an interdisciplinary approach among the students



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Course Outcome

Sem -I

Course: International Relation

CO1	It helps students to understand the nature, scope and importance of international relations
CO2	Useful to understand the nature and importance of power authority and hegemony
CO3	Helpful for students to understand the importance of state in human life

Course: Political Theory

CO1	Useful to understand the importance of theoretical studies in the study of political science
CO2	Useful to understand the process and components of theoretical studies in the study of Political Science
CO3	It helps students to study democracy as an ideal form of government

Course: Indian Government And Politics

CO1	Introduces students to the Indian system of governance
CO2	Useful for introducing students to the history of Indian governance
CO3	help to Introduces new challenges in Indian politics

Course: Public Administration

CO1	Helpful in understanding new techniques and theories in administration
CO2	Studies the contemporary theory of public administration
CO3	Makes students understand the changing nature of public administration




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Sem- II

Course: Political Theory-II

CO1	Have the ability to understand the Political Theory
CO2	Understand the contribution of Theory
CO3	To disseminate awareness about Political Values

Course: Comparative Politics

CO1	Have the ability to understand the Comparative politics
CO2	Understand the contribution of Comparative politics

Course: Approaches And Emerging Issues In International Relation

CO1	Have the ability to understand the issues in international relation
CO2	Understand the contribution of Approaches in International relation

Course: Indian Constitution

CO1	Have the ability to understand the Making history of Indian Constitution
CO2	Understand the contribution Constitution
CO3	To disseminate awareness about Constitutional Values



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Sem-III

Course: Security In International Relations

CO1	Have the ability to understand the evolutionary process of the development of the International Relation
CO2	Students get to study the concept of security from an international studies perspective
CO3	To disseminate awareness about soft powers in Indian foreign policy

Course: Political Thought In Modern India

CO1	To introduce the students basic modern political thoughts of india
CO2	To familiarize students with the theoretical aspects of Modern Indian Thinkers
CO3	It helps to introduce the thinker who contributed to the social and political development of India

Course: Political Thought In Maharashtra

CO1	To introduce the students political thoughts of Maharashtra
CO2	To familiarize students with the theoretical aspects of Political Thoughts
CO3	It helps to introduce the thinker who contributed to the political development of Maharashtra

Course: Social And Political Thought In Maharashtra

CO1	To introduce about the students basic Social & political Thinkers of maharashtra
CO2	To familiarize students with the theoretical aspects of social & Political Thoughts
CO3	It helps to introduce the thinker who contributed to the social and political development of Maharashtra




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Course: Ideas Of Maharashtra

CO1	Useful for studying various thinkers in the ideological formation of Maharashtra
CO2	Students get information to study the ideological foundation of Maharashtra
CO3	To introduce about the students basic Social & political Thinkers of maharashtra

Sem-IV

Course: Leadership Development

CO1	Have the ability to understand the Leadership
CO2	Understand the role of Leader
CO3	To disseminate awareness about Qualities of good Leader

Course: Political Sociology In India

CO1	Have the ability to understand the Political Sociology
CO2	Understand the nature of society
CO3	To disseminate awareness about social Issues



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Master Of Arts (Education)

Programme outcome

PO1	The programme enables the learners to understand art, literature and humanities
PO2	It facilitates all round development of personality
PO3	The course helps the development of rational thinking amongst students while taking decisions in their day to day life
PO4	Through the course, the student will be able to imbibe ethical, moral, national, patriotic and cultural values
PO5	The programme provides a holistic understanding of society, economy and political system
PO6	The learners will be able to acquire employable skills
PO7	The programme provides formative understanding of the research process
PO8	It creates an interdisciplinary approach among the students



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Course Outcome

Part - I

Course: Advanced Philosophy & Sociology Of Education

CO1	Develop an understanding of various philosophies of education.
CO2	To learn about the social impact of education on social society and how education is related to well being of individual as well as society

Course: Advanced Educational Psychology

CO1	To understand the role and application of psychology in education.
CO2	Understanding learner diversity.

Course: Research Methodology

CO1	To develop an understanding about the meaning of research and its application in the field of education
CO2	To understand quantitative and qualitative data analysis and techniques.

Course: Teacher Education

CO1	Concept, development and agencies of Teacher Education.
CO2	Teacher Education programmes at Different Levels – Their Objectives, Structure, Curriculum, and Role and Competencies of the Teacher




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Part II

Course: HISTORY OF EDUCATION

CO1	To Understand the Progress of education in ancient India – Vedic, Post Vedic and Buddhist Education
CO2	To understand the various committees and commission formed for the progress of education during pre and post independent India

Course: Economics Of Education

CO1	Develop an understanding of planning, financing and cost of education.
CO2	Develop an understanding of educational problems in the context of economic concepts. Theories and techniques.

Course: Information & Communication Technology

CO1	To develop an understanding of the psychological principle of ICT.
CO2	To develop an understanding computer, internet and its application.

Course: Guidance & Counseling

CO1	Develop an understanding Concept, need guidance.
CO2	Develop an understanding of Counseling and intervention strategies in contemporary times.



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S. S. T. COLLEGE OF ARTS AND COMMERCE

Master Of Science (Information Technology)

Programme Outcome

PO1	Ability to apply the knowledge of Information Technology with recent trends aligned with research and industry
PO2	Ability to apply IT in the field of Computational Research, Soft Computing, Big Data Analytics, Data Science, Image Processing, Artificial Intelligence, Networking and Cloud Computing
PO3	Ability to provide socially acceptable technical solutions in the domains of Information Security, Machine Learning, Internet of Things and Embedded System, Infrastructure Services as specializations
PO4	Ability to apply the knowledge of Intellectual Property Rights, Cyber Laws and Cyber Forensics and various standards in interest of National Security and Integrity along with IT Industry
PO5	Ability to write effective project reports, research publications and content development and to work in a multidisciplinary environment in the context of changing technologies




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Course Outcome

Sem -I

Course: Research In Computing

CO1	Solve real world problems with scientific approach
CO2	Develop analytical skills by applying scientific methods
CO3	Recognize, understand and apply the language, theory and models of the field of business analytics
CO4	Foster an ability to critically analyze, synthesize and solve complex unstructured business problems
CO5	Understand and critically apply the concepts and methods of business analytics
CO6	Identify, model and solve decision problems in different settings
CO7	Interpret results/solutions and identify appropriate courses of action for a given managerial situation whether a problem or an opportunity
CO8	Create viable solutions to decision making problems

Course: Data Science

CO1	Apply quantitative modeling and data analysis techniques to the solution of real world business problems, communicate findings, and effectively present results using data visualization techniques
CO2	Recognize and analyze ethical issues in business related to intellectual property, data security, integrity, and privacy
CO3	Apply ethical practices in everyday business activities and make well-reasoned ethical business and data management decisions
CO4	Demonstrate knowledge of statistical data analysis techniques utilized in business decision making
CO5	Apply principles of Data Science to the analysis of business problems
CO6	Use data mining software to solve real-world problems
CO7	Employ cutting edge tools and technologies to analyze Big Data
CO8	Apply algorithms to build machine intelligence
CO9	Demonstrate use of teamwork, leadership skills, decision making and organization theory



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Course: Cloud Computing

C01	Analyze the Cloud computing setup with its vulnerabilities and applications using different architectures
C02	Design different workflows according to requirements and apply map reduce programming model
C03	Apply and design suitable Virtualization concept, Cloud Resource Management and design scheduling algorithms
C04	Create combinatorial auctions for cloud resources and design scheduling algorithms for computing clouds
C05	Assess cloud Storage systems and Cloud security, the risks involved, its impact and develop cloud application
C06	Broadly educate to know the impact of engineering on legal and societal issues involved in addressing the security issues of cloud computing

Course: Soft Computing Techniques

C01	Identify and describe soft computing techniques and their roles in building intelligent machines
C02	Recognize the feasibility of applying a soft computing methodology for a particular problem
C03	Apply fuzzy logic and reasoning to handle uncertainty and solve engineering problems
C04	Apply genetic algorithms to combinatorial optimization problems
C05	Apply neural networks for classification and regression problems
C06	Effectively use existing software tools to solve real problems using a soft computing approach
C07	Evaluate and compare solutions by various soft computing approaches for a given problem



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Sem- II

Course: Bigdata Analytics

CO1	Understand the key issues in big data management and its associated applications in intelligent business and scientific computing
CO2	Acquire fundamental enabling techniques and scalable algorithms like Hadoop, Map Reduce and NO SQL in big data analytics
CO3	Interpret business models and scientific computing paradigms, and apply software tools for big data analytics
CO4	Achieve adequate perspectives of big data analytics in various applications like recommender systems, social media applications etc

Course: Modern Networking

CO1	Demonstrate in-depth knowledge in the area of Computer Networking
CO2	To demonstrate scholarship of knowledge through performing in a group to identify, formulate and solve a problem related to Computer Networks
CO3	Prepare a technical document for the identified Networking System Conducting experiments to analyze the identified research work in building Computer Networks

Course: Microservice Architecture

CO1	Develop web applications using Model View Control
CO2	Create MVC Models and write code that implements business logic within Model methods, properties, and events
CO3	Create Views in an MVC application that display and edit data and interact with Models and Controllers
CO4	Boost your hire ability through innovative and independent learning
CO5	Gaining a thorough understanding of the philosophy and architecture of .NET Core
CO6	Understanding packages, metapackages and frameworks
CO7	Acquiring a working knowledge of the .NET programming model
CO8	Implementing multi-threading effectively in .NET applications



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Course: Image Processing

C01	Understand the relevant aspects of digital image representation and their practical implications
C02	Have the ability to design pointwise intensity transformations to meet stated specifications
C03	Understand 2-D convolution, the 2-D DFT, and have the ability to design systems using these concepts
C04	Have a command of basic image restoration techniques
C05	Understand the role of alternative color spaces, and the design requirements leading to choices of color space
C06	Appreciate the utility of wavelet decompositions and their role in image processing systems
C07	Have an understanding of the underlying mechanisms of image compression, and the ability to design systems using standard algorithms to meet design specifications



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Sem - III

Course: Technical Writing And Entrepreneurship Development

CO1	Develop technical documents that meet the requirements with standard guidelines. Understanding the essentials and hands-on learning about effective Website Development
CO2	Write Better Quality Content Which Ranks faster at Search Engines. Build effective Social Media Pages
CO3	Evaluate the essentials parameters of effective Social Media Pages
CO4	Understand importance of innovation and entrepreneurship
CO5	Analyze research and development projects

Course: Artificial Intelligence

CO1	be able to understand the fundamentals concepts of expert system and its applications
CO2	be able to use probability and concept of fuzzy sets for solving AI based problems
CO3	be able to understand the applications of Machine Learning. The learner can also apply fuzzy system for solving problems
CO4	learner will be able to apply to understand the applications of genetic algorithms in different problems related to artificial intelligence
CO5	A learner can use knowledge representation techniques in natural language processing

Course: Cloud Management

CO1	Understand the concepts of VMM, SDN, NAS , HyperV etc
CO2	Understand and demonstrate the use of Service manager with various deployments that can be performed using it
CO3	Understand SCCM and Demonstrate the use of Configuration Manager
CO4	Understand automation with runbooks and demonstrate the use of Windows Orchestrator
CO5	Understand and demonstrate the use of Data Protection Manager



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Course: Robotic Process Automation

C01	Understand the mechanism of business process and can provide the solution in an optimize way
C02	Understand the features use for interacting with database plugins
C03	Use the plug-ins and other controls used for process automation
C04	Use and handle the different events, debugging and managing the errors
C05	Test and deploy the automated process



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Sem- IV

Course: Blockchain

CO1	The students would understand the structure of a blockchain and why/when it is better than a simple distributed database
CO2	Analyze the incentive structure in a blockchain based system and critically assess its functions, benefits and vulnerabilities
CO3	Evaluate the setting where a blockchain based structure may be applied, its potential and its limitations
CO4	Understand what constitutes a –smartl contract, what are its legal implications and what it can and cannot do, now and in the near future
CO5	Develop blockchain DApps

Course: Natural Language Processing

CO1	Students will get idea about know-hows, issues and challenge in Natural Language Processing and NLP applications and their relevance in the classical and modern context
CO2	Student will get understanding of Computational techniques and approaches for solving NLP problems and develop modules for NLP tasks and tools such as Morph Analyzer, POS tagger, Chunker, Parser, WSD tool etc
CO3	Students will also be introduced to various grammar formalisms, which they can apply in different fields of study
CO4	Students can take up project work or work in R&D firms working in NLP and its allied areas
CO5	Student will be able to understand applications in different sectors

Course: Server Virtualization On Vmware Platform

CO1	Understand VMWare VSphere 67, Install ESXi and Configure VSphere Centre
CO2	Demonstrate the use of VSphere Update Manager and Create a VSphere Network
CO3	Understand VSphere Security, Create and configure storage devices and Perform configurations to ensure business continuity
CO4	Demonstrate Resource allocation, Creating and managing virtual machine and the use of templates
CO5	Understand automation of vSphere and manage resource allocation



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Course: Human Computer Interaction

C01	Have a clear understanding of HCI principles that influence a system's interface design, before writing any code
C02	Understand the evaluation techniques used for any of the proposed system
C03	Understand the cognitive models and its design
C04	Able to understand how to manage the system resources and do the task analysis
C05	Able to design and implement a complete system



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Master of Science (Computer Science)

Programme Outcome

P01	To be fundamentally strong at core subject of Computer Science
P02	To apply programming and computational skills for industrial solutions
P03	Broad understanding of latest technological trends
P04	To identify opportunities for establishing an enterprise for immediate Employment
P05	Able to understand and apply fundamental research concepts
P06	Able to use efficient soft skills for professional development
P07	Engage in independent and life-long learning for continued professional development



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Course outcome

Sem - I

Course: Algorithm For Optimization

CO1	You will be able to effectively implement optimization techniques to the existing algorithm to improve its performance
CO2	You will be able to work in the areas of Machine Learning and Data Sciences Algorithms

Course: Software Defined Networking

CO1	To make the students capable of understanding computer network basics
CO2	To Obtain the knowledge of Software defined networks with understanding of data plane, control plane and application plane
CO3	To apply network virtualization for industry standard solutions
CO4	To improve skills in implementing network virtualization and Software Defined Network (SDN)

Course: Applied Signal And Image Processing

CO1	Introduce the concepts of signal processing terms and relate them to image processing
CO2	Learn about basic image processing techniques (e.g., noise removal and image enhancement)
CO3	Develop skills to design and implement algorithms for advanced image analysis
CO4	Apply image processing to design solutions to real-life problems

Course: Advanced Database Techniques

CO1	To cover advanced topics of databases to become more proficient
CO2	To provide students with theoretical knowledge and practical skills in advanced topics in database systems, big data and modern data-intensive systems
CO3	To Expand Students, view and introduce advanced topics and Business Intelligence



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SEM- II

Course: Applied Machine And Deep Learning

CO1	Developing projects in machine learning for industrial applications
CO2	Understanding and implementing algorithms and techniques of Machine Learning useful in the field of Data Science, Image Processing, NLP, etc

Course: Natural Language Processing

CO1	Understanding the importance and concepts of Natural Language Processing (NLP)
CO2	Applying algorithms available for the processing of linguistic information and computational properties of natural languages
CO3	Knowledge on various morphological, syntactic, and semantic NLP tasks
CO4	Introducing various NLP software libraries and data sets publicly available
CO5	Designing and developing practical NLP based applications

Course: Web Mining

CO1	To Understand the difference between Web Mining and Data mining
CO2	To Understand the Basics and Needs of Web Mining
CO3	To Understand Web-based Data
CO4	To Understand Opinion Mining and Sentiment classification

Course: Embedded And Iot Technology

CO1	The course is designed to enable students, to understand and implement IoT in industry
CO2	Design and executive projects in IoT with Automatic Identification and Data Capture




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SEM - III

Course: Advanced Computing (Web Technologies)

CO1	To cover the technical aspects of cryptocurrencies, blockchain technologies, and distributed consensus
CO2	To familiarize potential applications for Bitcoin-like cryptocurrencies
CO3	To Basics of smart contracts, decentralized apps, and decentralized anonymous organizations (DAOs)
CO4	To know Solidity programming

Course: Security (Cryptography and Cryptoanalysis)

CO1	To develop the foundation for the study of cryptography and its use in security
CO2	To understand the application of Number Theory and Algebra for the design of cryptographic algorithms
CO3	To understand the role of cryptography in communication over an insecure channel
CO4	To analyze and compare symmetric-key encryption and public-key encryption schemes based on different security models

Course: Computer Networking (Wireless Networking)

CO1	To understand basic concepts of wireless networking
CO2	To understand 4G, 5G Technologies and their working
CO3	To implement Wireless architecture practically
CO4	To gain knowledge about sensors and their working

Course: Data Science (Data Visualization)

CO1	Familiarity with working with data analysis tools
CO2	Ability to perform data wrangling for practical purposes
CO3	Ability to solve real-world data analysis problems with thorough, detailed examples
CO4	Ability to use Tableau to handle data from various sources and perform analysis of data



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Sem-IV

Course: Robotics (Online Mode)

CO1	Leverage the features of the Raspberry Pi OS
CO2	Discover how to configure a Raspberry Pi to build an AI-enabled robot
CO3	Interface motors and sensors with a Raspberry Pi
CO4	Code robot to develop engaging and intelligent robot behaviour
CO5	Explore AI behaviour such as speech recognition and visual processing Advanced

Course: Deep Learning (Online Mode)

CO1	Understand the context and use of neural networks and deep learning
CO2	Understand the tools and libraries for deep learning
CO3	Have a working knowledge of neural networks and deep learning
CO4	Explore the parameters for neural networks
CO5	Identify emerging applications of deep learning



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