



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF ARTS		To provide through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen	SEM - I	UACS101	COMMUNICATION SKILL IN ENGLISH	<p>To enhance language proficiency by providing adequate exposure to reading and writing skills</p> <p>To orient the learners towards the functional aspects of language</p> <p>To increase the range of lexical resource through a variety of exercises</p>	<p>The learner demonstrates enhanced language proficiency through adequate exposure to reading and writing skills.</p> <p>The learner displays orientation towards the functional aspects of language.</p> <p>The learner develops a wide range of lexical resource through a variety of exercises.</p>
					UACHIN101	HINDI COMPULSORY	<p>To enable students inculcate a deep and analytical reading skill.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					UAFC101	FOUNDATION COURSE -I	<p>To explain the pluralistic nature of Indian society through its demographic composition. To sensitize students about inequalities in the society, gender disparity and regional variations in India. To examine disparities due to the caste system that cause inter-group conflicts.</p> <p>To make the students know about the philosophy of the Indian Constitution, its structure and the fundamental duties of Indian citizens. To make students aware of the significant aspects of political processes in India, local self-government in urban and rural areas and the role of women in Indian politics.</p>	<p>Students will Have a better understanding of Indian society that is made up of multi-racial, multi-religious, multi-linguistic and multi-cultural groups.</p> <p>Be able to evaluate the factors that give rise to gender disparity.</p> <p>Be able to identify factors that give rise to inter-group conflicts and strategies that can help to reduce them. Understand the broad philosophy of the Indian Constitution and the provisions made in it enabling a strong foundation to become able citizens for the country</p> <p>Learn about the party system and the governance structure in rural and urban India and about the empowerment of women in India.</p>
					UAPOL101	POLITICAL SCIENCE -I	<p>To increase knowledge of Indian Constitution; its History, philosophy, principles, theoretical frameworks.</p> <p>To increase understanding of basic structure of Indian Constitution.</p> <p>To increase understanding of basic facts and concepts about the Indian political system, including its history, philosophical, constitutional and legal foundations, leading political values and ideas, governing institutions, and policymaking processes.</p> <p>To provide opportunities to the students to link theory and practice and to apply political science knowledge and skills to actual problem-solving and community service.</p> <p>To gain an understanding and appreciation of current political issues and concerns and their impact upon the contemporary political environment.</p>	<p>Student understands historical background, philosophy & principles of Indian constitution.</p> <p>Student understands basic structure of Indian Constitution.</p> <p>Student gets knowledge about Indian political system, governing institutions & policymaking process.</p> <p>Student understands current political issues and concerns and their impact upon the contemporary political environment</p> <p>Student tries to solve social problems.</p>
					UAHIS101	HISTORY-I	<p>The course is designed to make the student aware about the making of modern India and the growth of nationalism.</p> <p>To understand the major events of the freedom struggle the leadership of Mahatma Gandhi</p> <p>Explain the contribution of Revolutionaries, Left Movement and Indian National Army.</p> <p>To explain concept of Communalism and the causes and effects of the partition of India.</p>	<p>The Learner Understand the events which lead to the growth of nationalism in India</p> <p>The learner gets acquainted with the major events of the freedom struggle under the leadership of Mahatma Gandhi</p> <p>The learner explains the contribution of Revolutionaries, Left Movement and Indian National Army</p> <p>The learner understands the concept of communalism and the causes and effects of the partition of India.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome				
			subjects.		UAHIN101	HINDI OPTIONAL	<p>To enable students inculcate a deep and analytical reading skill.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>				
					UAECO101	ECONOMICS - I	<p>To introduce primary concepts related to Micro economics as foundation for the subject.</p> <p>Studying very basic concepts of economics like demand and supply with its application in the real world.</p> <p>Highlighting few important principles of Economics.</p> <p>Understanding the basics of international trade and international economics concepts.</p>	<p>Concept of Economics and its classification</p> <p>Development of analytical thinking with the help of statistical tools</p> <p>Different Principles.</p> <p>Develop the skill of application of microeconomic concepts to analyses the real life situation.</p> <p>Understand concept of market and competition.</p> <p>Apply law of demand and supply to real life situation</p> <p>Understand how elasticity influences the quantity demanded</p> <p>Understand different approaches of utility</p> <p>Understand how to maximize their satisfaction within a given income levels</p>				
					UAPSY101	PSYCHOLOGY - I (Year: 2017-18)	<p>To impart knowledge of the basic concepts and modern trends in Psychology.</p> <p>To foster interest in the subject of Psychology and to create a foundation for further studies in Psychology.</p> <p>To make the students aware of the applications of Psychological concepts in different areas of day to day life.</p>	<p>Learner will be able to apply the basic concepts in Psychology to the day-to-day setting.</p> <p>Due to the interest in the subject the learner will be able to apply the new learnings in understanding and developing research.</p> <p>Learner will be able to understand people and situations differently due to the broad application of psychology that he has learned in this course.</p>				
							The learner acquires		UAFC201	PSYCHOLOGY - I	<p>To impart knowledge of the basic concepts and modern trends in Psychology.</p> <p>To foster interest in the subject of Psychology and to create a foundation for further studies in Psychology.</p> <p>To make the students aware of the applications of Psychological concepts in different areas of day to day life.</p>	<p>Learner will be able to apply the basic concepts in Psychology to the day-to-day setting.</p> <p>Due to the interest in the subject the learner will be able to apply the new learnings in understanding and developing research.</p> <p>Learner will be able to understand people and situations differently due to the broad application of psychology that he has learned in this course.</p>
			UACS201		COMMUNICATIVE SKILLS IN ENGLISH	<p>To enhance language proficiency by providing adequate exposure to reading and writing skills</p> <p>To orient the learners towards the functional aspects of language</p> <p>To increase the range of lexical resource through a variety of exercises</p>			<p>The learner demonstrates enhanced language proficiency through adequate exposure to reading and writing skills.</p> <p>The learner displays orientation towards the functional aspects of language.</p> <p>The learner develops a wide range of lexical resource through a variety of exercises.</p>			
			UAHIN201		HINDI COMPULSORY	<p>To enable students inculcate a deep and analytical reading skill.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through literature.</p> <p>To make students a responsible citizen.</p>			<p>Student inculcates deep and analytical reading skills.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>			



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF ARTS		To provide through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	acquires through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - II	UAPOL201	POLITICAL SCIENCE - I	To acquire knowledge of the Public Administration; its principal theoretical frameworks and applications, conceptual vocabulary, and methods of inquiry; its major subfields of study; and its interrelationships with the other social science fields & contemporary techniques and practise. To educate students about Indian Administration.	Student learns Public Administration, its principles, theories, contemporary techniques. Student learns Indian Administration
					UAHIS201	HISTORY - I	The course is designed to make the student aware about the making of modern India and the growth of nationalism. To understand the major events of the freedom struggle the leadership of Mahatma Gandhi Explain the contribution of Revolutionaries, Left Movement and Indian National Army. To explain concept of Communalism and the causes and effects of the partition of India.	The student understands the various Socio –religious movements in India. The student acquires knowledge about the process of modernization of India due to the introduction of western education, press and transport and communication. The student understands about adverse effects of British rule on Indian Economy.
					UAHIN201	HINDI OPTIONAL	To enable students inculcate a deep and analytical reading skill. To enable students learn writing skills. To enable students learn various aspects of language. To enable students understand various emotions of life through literature.	Student inculcates deep and analytical reading skills. Student learns writing skills. Student learns various aspects of language. Student understand various emotions of life through literature. Student moves a step ahead towards becoming responsible citizen.
					UAECO201	ECONOMICS - I	Understanding the various concepts of Production and production functions Understanding microeconomic principles of costs and revenue Understanding the theory of productivity and distribution Studying markets in detail and understanding their equilibrium conditions.	Concept of production and production function. Laws related to short term and long term production function. Different concepts of cost and revenue Have an idea of different curves and their shapes in long run and short run. Concept of Marginal productivity and its theory Different theories given by various economists on factor payments like rent, wages, interest and profit . Concept of equilibrium and their approaches Features of different market structures. Equilibrium conditions in different market structure.
					UBCOMFSI L.7	FOUNDATION COURSE - I	Understanding the various concepts of Production and production functions Understanding microeconomic principles of costs and revenue Understanding the theory of productivity and distribution Studying markets in detail and understanding their equilibrium conditions.	Concept of production and production function. Laws related to short term and long term production function. Different concepts of cost and revenue Have an idea of different curves and their shapes in long run and short run. Concept of Marginal productivity and its theory Different theories given by various economists on factor payments like rent, wages, interest and profit. Concept of equilibrium and their approaches Features of different market structures. Equilibrium conditions in different market structure.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UAFC301	FOUNDATION COURSE -II	To explain the processes of liberalization, privatization and globalization and the growth of information technology and communication. To study the impact of globalization in the fields of agriculture, industry, pattern of employment and migration. To enable students to understand the evolution of human rights and its connection to Fundamental rights in the Indian Constitution. To sensitize students about the environment and its connection to the quality of human life explaining the causes of environmental degradation and the importance of sustainable development. To explain Maslow's theory of selfactualization and enable students to understand the various causes of conflict and stress and ways of stress management.	Students will have knowledge about: Be able to identify measures adopted under the processes of liberalization, privatization and globalization. Know to evaluate the impact of globalization on Indian agriculture, industry, employment pattern and migration. Know the features of human rights and the Fundamental rights of the Indian Constitution. Come to know the significance of protecting the environment for a better quality of life and the need for sustainable development . Identify the factors that give rise to conflict and stress and learn about coping mechanisms.
					UAPOL301	POLITICAL SCIENCE-II	To Increase knowledge of the political science discipline; its principal theoretical frameworks and applications, conceptual vocabulary, and methods of inquiry; its major subfields of study; and its interrelationships with the other social science fields To educate students about principles, concepts & values of political theory. To make students familiar with political Ideologies To foster an understanding of political methodology and analysis and the ability to construct basic political theories used to explain political and governmental behavior.	Student understands Political Theory, its concept, ideas & methods. Student learns principles, concepts & values of political theory Student understands political Ideologies Student tries to develop own political thoughts
					UAPOL302	POLITICAL SCIENCE-III	To Increase knowledge of the political science discipline; its principal theoretical frameworks and applications, conceptual vocabulary, and methods of inquiry; its major subfields of study; and its interrelationships with the other social science fields To educate students about principles, concepts & values of political theory. To make students familiar with political Ideologies To foster an understanding of political methodology and analysis and the ability to construct basic political theories used to explain political and governmental behaviour.	Student understands Political Theory, its concept, ideas & methods. Student learns principles, concepts & values of political theory Student understands political Ideologies Student tries to develop own political thoughts
					UAHIS301	HISTORY-II	To enable the students to comprehend the transition of Europe from medieval to modern times and its impact on the world. To provide accurate knowledge of the most significant events and personalities of the period under study and encourage understanding of the making of the modern world.	The students comprehends the evolution of Europe from medieval to modern times and its impact on the world from topics like Renaissance, Reformation and Geographical discoveries. Students have understood the relation between Modernity and Nationalism and its implications Students have understood the process of colonialism in different part of world and major events like the First World War, rise of Dictatorship, the Second World War, the Russian Revolution etc. and evaluates the role of various personalities like Bismark, Mussolini ,Hitler, Lenin, Sun –Yat- Sen, Kemal Pasha, Mahatma Gandhi etc in the making of the modern world.
					UAHIS302	HISTORY-III	To acquaint the students with different sources of Ancient Indian History. To enable the students to understand the political, socio-economic and cultural developments in the period under study and appreciate the rich cultural heritage in India.	The students evaluates the different sources of Ancient Indian History. The students appreciates the political, socio-economic and cultural developments in ancient India and learns about various dynasties like Mauryas , the Kushanas, the Satvahanas, the Guptas, the Rashtrakuta, the Cholas etc. in period under study and encourage understanding of the making of the modern world.

The learner acquires



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF ARTS		To provide through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	acquires through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - III	UASHI301	HINDI ANCILIARY II	<p>To enable students inculcate a deep and analytical reading skill of poetry.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through poetic literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills of poetry.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through poetic literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					UASHI302	HINDI ANCILIARY III	<p>विद्यार्थियोंको भाषा के विभिन्न रूपों से परिचित कराना ।</p> <p>कार्यालयीन एवं अन्य पत्र लेखन की शिक्षा देना ।</p> <p>विभिन्न माध्यम के लेखन में निपुणता लाना ।</p>	<p>स्वभाषा के प्रति गौरव बोध का निर्माण होगा ।</p> <p>विद्यार्थियों में भाषा कौशल का विकास होगा ।</p> <p>दैनंदिन कार्य में हिंदी के प्रयोग को बढ़ावा देने का प्रयास करेंगे ।</p>
					UAMC301	MASS COMMUNICATION	<p>To introduce the students to some major aspects of communication and mass communication.</p> <p>To develop among the students a broad perspective of the past and the present status of Mass Media in India.</p> <p>To develop among the students a critical understanding of the Mass Media with regard to their presentation formats, roles and audiences in Indian context.</p> <p>To develop among the students a critical understanding of some special roles of different Mass Media in India.</p> <p>To help the students to assess the contribution of Indian mass media to national development.</p> <p>To acquaint the students with some issues and laws related to mass media in India.</p> <p>To introduce the students to various job and career opportunities in media industry.</p>	<p>The students are able to identify some major aspects of communication and mass communication.</p> <p>The students develop a broad perspective of the past and the present status of Mass Media in India.</p> <p>The students develop a critical understanding of the Mass Media with regard to their presentation formats, roles and audiences in Indian context.</p> <p>The students develop a critical understanding of some special roles of different Mass Media in India.</p> <p>The students are able to assess the contribution of Indian mass media to national development.</p> <p>The students are acquainted with some issues and laws related to mass media in India.</p> <p>The students are introduced to various job and career opportunities in media industry.</p>
					UATT302	TRAVEL & TOURISM	<p>To familiarize students with Travel and Tourism and hospitality Industry</p> <p>To inculcate knowledge among learners about the various tourism resources</p> <p>To inform students about the various tourist infrastructure essential for tourism sector</p> <p>To understand the impact of tourism industry and its sustainability</p>	<p>The learners understand about the Travel and Tourism Industry</p> <p>The learner develops awareness about the various resources linked to travel and tourism and hospitality industry</p> <p>The learner gains an insight about the Travel and Tourism Infrastructure</p> <p>The learner gains a better understanding of the impact of tourism and Sustainable tourism as an alternative tourism</p>
					UAECO301	ECONOMICS-II	<p>To make familiarizes with the basic concepts of macroeconomics.</p> <p>To explain concepts of consumption and investment</p> <p>To provide analytical skills about demand for money and supply of money</p> <p>Inculcates knowledge of working of banking system</p>	<p>Understand different approaches of utility</p> <p>Understand how to maximize their satisfaction within a given income levels</p> <p>Concept of production and production function.</p> <p>Laws related to short term and long term production function.</p> <p>Different concepts of cost and revenue</p> <p>Have an idea of different curves and their shapes in long run and short run</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UAECO302	ECONOMICS - III	<p>To make familiarizes with the basic concepts of public finance.</p> <p>To enable understanding about fiscal policy with respect to budget and taxation.</p> <p>To Enable understanding about fiscal policy with respect to public expenditure and debt</p> <p>To provide analytical skills about Indian Public finance</p>	<p>Concept of Demonetization</p> <p>Background, impacts and analysis</p> <p>How to maximize benefits and minimize costFlow and Stock concept</p> <p>World's fiscal framework</p> <p>Fiscal rules and its impact on deficit</p> <p>Off budget expenditureNew concept of UBI</p> <p>How to overcome the issues with the help of UBI</p> <p>Reasons for UBIIndia's income consumption diversions</p> <p>Myth and Facts of HealthDivergence with respect to fertility in Indian economy</p>
					UAPSY 301	PSYCHOLOGY II (Year: 2017-18)	<p>To help students in building knowledge of the basic concepts and modern trends in Social Psychology.</p> <p>To foster interest in Social Psychology as a field of study and research among students.</p> <p>To make the students aware of the applications of the various concepts in Social Psychology in Indian Context</p>	<p>Learner will be able to apply the knowledge from social psychology to the everyday situations and circumstances.</p> <p>Learner will be able to design research questions based on the theoretical concepts.</p> <p>Learners will be able to apply various concepts, principles and theories of social psychology to gain a better understanding of day to day life relevant to the Indian context.</p>
					UAPSY 302	PSYCHOLOGY III (Year: 2017-18)	<p>To help students in building knowledge and understanding of the basic concepts, principles, perspectives and modern trends in Developmental Psychology</p> <p>To foster interest in Developmental Psychology as a field of study and research among students.</p> <p>To make the students aware of the implications and applications of the various concepts, principles and theories of Developmental Psychology in daily life in the Indian context</p>	<p>Learners will be able to apply the basic concepts, principles, perspectives and modern trends in Developmental Psychology.</p> <p>Learners will become adept at designing research based on the theoretical understandings of developmental psychology.</p> <p>Learners will be able to apply various concepts, principles and theories of developmental psychology to gain a better understanding of day to day life relevant to the Indian context.</p>
					UAHIS301	HISTORY - II	<p>To enable the students to comprehend the transition of Europe from medieval to modern times and its impact on the world.</p> <p>To provide accurate knowledge of the most significant events and personalities of the period under study and encourage understanding of the making of the modern world.</p>	<p>The students comprehends the evolution of Europe from medieval to modern times and its impact on the world from topics like Renaissance, Reformation and Geographical discoveries.</p> <p>Students have understood the relation between Modernity and Nationalism and its implications</p> <p>Students have understood the process of colonialism in different part of world and major events like the First World War, rise of Dictatorship, the Second World War, the Russian Revolution etc. and evaluates the role of various personalities like Bismark, Mussolini ,Hitler, Lenin, Sun –Yat- Sen, Kemal Pasha, Mahatma Gandhi etc in the making of the modern world.</p>
					UAHIS302	HISTORY - III	<p>To acquaint the students with different sources of Ancient Indian History.</p> <p>To enable the students to understand the political, socio-economic and cultural developments in the period under study and appreciate the rich cultural heritage in India.</p>	<p>The students evaluates the different sources of Ancient Indian History.</p> <p>The students appreciates the political, socio-economic and cultural developments in ancient India and learns about various dynasties like Mauryas , the Kushanas, the Satvahanas, the Guptas, the Rashtrakuta, the Cholas etc. in period under study and</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF ARTS		To provide through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). To develop proficiency in the chosen subjects. To make learners job ready in the	The learner acquires through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). The learner develops proficiency in the chosen subjects. The learner gets a job in	SEM - IV	UAFC301	FOUNDATION COURSE - III	<p>To enable students learn situation of vulnerable groups and laws safeguarding their rights.</p> <p>To enable students learn the value of healthy environment and sustainable development</p> <p>To enable students developing and nurturing scientific temper.</p> <p>To enable students improve soft skills and preparation for competitive exams.</p> <p>To make students a responsible citizen.</p>	<p>Student learns situation of vulnerable groups and laws safeguarding their rights.</p> <p>Student learns the value of healthy environment and sustainable development</p> <p>Student develops and nurture scientific temper.</p> <p>Student improves soft skills and prepare for competitive exams.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					UAPOL301	POLITICAL SCIENCE - II	<p>To Increase knowledge of the political science discipline; its principal theoretical frameworks and applications, conceptual vocabulary, and methods of inquiry; its major subfields of study; and its interrelationships with the other social science fields</p> <p>To educate students about principles, concepts & values of political theory.</p> <p>To make students familiar with political Ideologies</p> <p>To foster an understanding of political methodology and analysis and the ability to construct basic political theories used to explain political and governmental behavior.</p>	<p>Student understands Political Theory, its concept, ideas & methods.</p> <p>Student learns principles, concepts & values of political theory</p> <p>Student understands political Ideologies</p> <p>Student tries to develop own political thoughts</p>
					UAPOL302	POLITICAL SCIENCE - III	<p>To acquire knowledge of the Public Administration; its principal theoretical frameworks and applications, conceptual vocabulary, and methods of inquiry; its major subfields of study; and its interrelationships with the other social science fields & contemporary techniques and practise.</p> <p>To educate students about Indian Administration.</p>	<p>Student learns Public Administration, its principles, theories, contemporary techniques.</p> <p>Student learns Indian Administration</p>
					UATT301	TRAVEL & TOURISM	<p>To familiarize students with planning, organizing and marketing in Tourism Industry</p> <p>To inculcate knowledge among learners' operations of travel agencies</p> <p>To understand the various tourism organization working at regional, national and international level</p> <p>To inform students about tourism policy in Maharashtra State</p> <p>To inform students the various operations under Travel and Tourism Industry to enable them to consider it as a career option.</p>	<p>The learners understands the about the planning, organizing and marketing Tourism Industry</p> <p>The learner develops awareness about the various aspects linked to operations of travel agencies</p> <p>The learner gains an insight about the tourism organization working at regional, national and international level</p> <p>The learner is able to understand the formulation of tourism policy in Maharashtra State</p> <p>The learner gains a better understanding of skills required for involvement in Travel and Tourism Industry</p>
					UASHI401	HINDI ANCILIARY - II	<p>To enable students inculcate a deep and analytical reading skill of poetry.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through poetic literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills of poetry.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through poetic literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					UASHI402	HINDI ANCILIARY - III	<p>विद्यार्थियोंको भाषा के विभिन्न रूपों से परिचित कराना ।</p> <p>कार्यालयीन एवं अन्य पत्र लेखन की शिक्षा देना ।</p> <p>विभिन्न माध्यम के लेखन में निपुणता लाना ।</p>	<p>स्वभाषा के प्रति गौरव बोध का निर्माण होगा ।</p> <p>विद्यार्थियों में भाषा कौशल का विकास होगा।</p> <p>दैनंदिन कार्य में हिंदी के प्रयोग को बढ़ावा देने का प्रयास करेंगे ।</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BA00145		field or chosen subjects.	the field of chosen subjects.		UAMC301	MASS COMMUNICATION	<p>To introduce the students to some major aspects of communication and mass communication.</p> <p>To develop among the students a broad perspective of the past and the present status of Mass Media in India.</p> <p>To develop among the students a critical understanding of the Mass Media with regard to their presentation formats, roles and audiences in Indian context.</p> <p>To develop among the students a critical understanding of some special roles of different Mass Media in India.</p> <p>To help the students to assess the contribution of Indian mass media to national development.</p> <p>To acquaint the students with some issues and laws related to mass media in India.</p> <p>To introduce the students to various job and career opportunities in media industry.</p>	<p>The students are able to identify some major aspects of communication and mass communication.</p> <p>The students develop a broad perspective of the past and the present status of Mass Media in India.</p> <p>The students develop a critical understanding of the Mass Media with regard to their presentation formats, roles and audiences in Indian context.</p> <p>The students develop a critical understanding of some special roles of different Mass Media in India.</p> <p>The students are able to assess the contribution of Indian mass media to national development.</p> <p>The students are acquainted with some issues and laws related to mass media in India.</p> <p>The students are introduced to various job and career opportunities in media industry.</p>
					UATT301	ECONOMICS - II	<p>To make familiarizes with the concept of inflation.</p> <p>To inculcates knowledge of about economic policy</p> <p>To explain post Keynesian Economics</p> <p>To provide understating about external sector</p>	<p>Concept of Money and its functions.</p> <p>Components of Money supply and its factors</p> <p>Different theories given by various economists. Various motives for holding money</p> <p>Relationship between interest rates and investment</p> <p>Money market equilibrium Propensity to save.</p> <p>Concept of Animal Spirit</p> <p>Goods market equilibrium Meaning and objectives of Monetary and Fiscal Policy</p> <p>Instruments and Effectiveness of Monetary and Fiscal Policy</p>
					UAECO302	ECONOMICS - III	<p>To make familiarizes with basic features of Indian economy.</p> <p>To discuss role of Industrial sector in Indian economy.</p> <p>To explain importance of agriculture sector in Indian economy.</p> <p>To explain importance of service sector in Indian economy.</p>	<p>Students will be able to understand basic features of Indian economy</p> <p>Student will able to learn role of Industrial sector in Indian economy</p> <p>Explain importance of agriculture sector in Indian economy.</p> <p>Student will able to analyze importance of service sector in Indian economy.</p>
					UAPSY401	PSYCHOLOGY - II	<p>To help students in building knowledge of the basic concepts and modern trends in Social Psychology.</p> <p>To foster interest in Social Psychology as a field of study and research among students.</p> <p>To make the students aware of the applications of the various concepts in Social Psychology in Indian Context</p>	<p>Learner will be able to apply the knowledge from social psychology to the everyday situations and circumstances.</p> <p>Learner will be able to design research questions based on the theoretical concepts.</p> <p>Learners will be able to apply various concepts, principles and theories of social psychology to gain a better understanding of day to day life relevant to the Indian context.</p>
					UAPSY402	PSYCHOLOGY - III	<p>To help students in building knowledge and understanding of the basic concepts, principles, perspectives and modern trends in Developmental Psychology</p> <p>To foster interest in Developmental Psychology as a field of study and research among students.</p> <p>To make the students aware of the implications and applications of the various concepts, principles and theories of Developmental Psychology in daily life in the Indian context</p>	<p>Learners will be able to apply the basic concepts, principles, perspectives and modern trends in Developmental Psychology.</p> <p>Learners will become adept at designing research based on the theoretical understandings of developmental psychology.</p> <p>Learners will be able to apply various concepts, principles and theories of developmental psychology to gain a better understanding of day to day life relevant to the Indian context.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					ECOAET501	ECONOMIC-IV	<p>To inculcate sound understanding of micro economic theory</p> <p>To demonstrate the functioning of three main pillars of micro economics such as imperfect competition, welfare economics and information economics</p> <p>To interpret business models based on imperfect competition like monopoly and oligopoly</p> <p>To strengthen decision making skills of learners with the use of game theory methods</p>	<p>Demographic features of Maharashtra</p> <p>key indicators of Maharashtra's development</p> <p>The present situation of tribal areas</p> <p>Overview of Nutrition, Health and Education of Tribal Maharashtra</p> <p>Reforms and Recommendation for the development of Tribal areas</p> <p>Present situation of water resources in Maharashtra</p> <p>Overview of Irrigation</p> <p>Recommendation for the water distribution</p> <p>Kelkar Committee: Approach and recommendation towards health</p> <p>Overview of Roads, Railways, Ports, Airports and Broadband as a connectivity of Maharashtra</p>
					ECOGAD502	ECONOMIC-V	<p>To make aware about meaning of economics growth and development and concepts associated with measurement of economics development.</p> <p>To explain different theories of development</p> <p>To discuss concept of poverty and inequality and government policies for poverty alleviation</p> <p>To explain concept infrastructure and technology and their importance in economic development.</p>	<p>Concept of monopoly and its sources.</p> <p>Price determination.</p> <p>Various degrees of price discrimination.</p> <p>Concept of application of game theory in real life examples</p> <p>Concept of Nash equilibrium and Dominant strategy</p> <p>Different aspects of imperfect competition.</p> <p>Different models of oligopoly</p> <p>Interdependence of the economy</p> <p>Conditions for social welfare</p> <p>Pareto optimality</p>
					ECOFSA503	ECONOMIC-VI	<p>To equip with the knowledge about the fundamentals of Industrial Economics</p> <p>To explain theories of industrial location</p> <p>To make familiarize with concept and Measurement of Industrial Productivity</p> <p>To make aware about the latest policies relating to the Indian industry.</p>	<p>Students will be able to understand meaning of Industrial Economics and various types of industries.</p> <p>Students will be able to learn different theories of industrial location development given by various economists and factors affecting industrial location.</p> <p>Students will be able to develop analytical skills about Industrial Productivity</p> <p>Students will be able to evaluate latest policies relating to the Indian industry.</p>
					UAHIN501	HINDI-IV	<p>हिंदी साहित्य के इतिहास व काल विभाजन से विद्यार्थियों को अवगत कराना।</p> <p>हिंदी के गद्यपद्य साहित्य को श्रमिक विकास को करना।</p> <p>हिंदी साहित्य के विभिन्न कालों कि पृष्ठभूमि प्रवृत्तियोंको अवगत कराना।</p>	<p>पाठ्यक्रम के माध्यम से विद्यार्थियोंमें सामाजिक राजनीतिक धार्मिक व सांस्कृतिक विश्वदृष्टी कि समझ उत्पन्न करना ।</p> <p>विद्यार्थियों में सामाजिक जागृति लाना।</p> <p>विध्यार्थी साहित्य और समाज के बीच तुलनात्मक अध्ययन करनेमें सक्षम होंगे ।</p>
					UAHIN502	HINDI-V	<p>To enable students inculcate a deep and analytical reading skill.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through literature.</p> <p>To enable students learn various forms of literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through literature.</p> <p>Student learns various forms of literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF ARTS		To provide through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). To develop proficiency in the chosen	The learner acquires through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). The learner develops proficiency in	SEM - V	UAHIN503	HINDI-VI	सूचना प्रौद्योगिकी के विकास व हिंदी में उसके उपयोग से विद्यार्थियोंको अवगत कराना । कम्प्यूटर पर हिंदी में कामकाज से विद्यार्थियोंको परिचित कराना । सोशल मीडिया के प्रभाव व्यवहार और कानून की जानकारी । संचार माध्यम और रोजगार की संभवनाओंको स्पष्ट करना ।	जनसंचार माध्यम के विभिन्न प्रयोग और तकनीकी गुणोंकी समझ विकसित होगी । हिंदी में उपलब्ध रोजगार मिलेंगे । विद्यार्थियों को कम्प्यूटर पर कार्य करने कि क्षमता विकसित होगी ।
					UAPSY501	PSYCHOLOGY PAPER IV (Year: 2017-18)	To have students build knowledge and understanding of the nature, uses, technical features, and the process of construction of psychological tests To create awareness among students about measurement of intelligence and assessment of personality To have students build knowledge and understanding of the concepts in Statistics and the various measures of Descriptive Statistics - their characteristics, methods of calculation, uses and applications To create a foundation in students for advanced learning of Psychological Testing, Assessment and Statistics	The learner will develop knowledge and understanding of the nature, uses, technical features, and the process of construction of psychological tests. The learner will develop awareness about measurement of intelligence and assessment of personality. The learner will be equipped with the knowledge about the concepts in Statistics and the various measures of Descriptive Statistics - their characteristics, uses, applications and methods of calculation. The learner will build a firm foundation, which will be helpful for advanced learning of Psychological Testing, Assessment and Statistics in postgraduate studies.
					UAPSY502	PSYCHOLOGY PAPER V (Year: 2017-18)	To have students build knowledge and understanding of the basic concepts in Abnormal Psychology and the theories of Abnormality To have students build knowledge and understanding of the different Psychological Disorders – their symptoms, diagnosis, causes and treatment To create awareness among students about Mental Health problems in society To create a foundation in students for higher education and a professional career in Clinical Psychology	The learner will develop an understanding of the basic concepts and theories of Abnormal Psychology. The learner will develop insight into various forms of Psychological Disorders – their symptoms, causes, along with the process of diagnosis and treatment. The learner will become more sensitised and equipped to deal with various issues related to Mental Health in society. The learner will build foundational knowledge of Abnormal Psychology which will help the learner for higher education and also to pursue a professional career in Clinical Psychology.
					UAPSY503	PSYCHOLOGY PAPER VI (YEAR: 2017-18)	To help learners understand and build knowledge about the basic concepts in the field of Industrial/Organizational Psychology To help learners learn about the role and importance of psychological factors and processes in the world of work To facilitate in learners a foundation of higher education and a professional career in Industrial Psychology and Organizational Behaviour	Learners will be able to- Describe the scope of I/O Psychology and careers related to I/O Psychology List and describe the basic concepts of I/O Psychology Critically discuss issues related to I/O Psychology Learners will have a sufficient foundation in I/O Psychology to pursue postgraduate studies and/or careers related to I/O Psychology



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
		subjects. To make learners job ready in the field of chosen subjects.	prominency in the chosen subjects. The learner gets a job in the field of chosen subjects.		UAPSYS504	PSYCOLOGY PAPER VII (Year: 2017-18)	To have students build knowledge and understanding of the fundamental concepts of Cognitive Psychology and the basic Cognitive processes To create awareness among students about the various applications of Cognitive processes in everyday life and a foundation to enable understanding of their applications in other fields - Social, Educational, Industrial, Abnormal, Counselling, Sports, Health, Education, and Neuro-Psychology To have students understand the theoretical orientation and background for the courses on Practicum in Cognitive Processes To create a foundation in students for higher education and a career in the field of Cognitive Psychology	The learner will develop understanding of the basic concepts and theories of Cognitive Psychology. The learner will develop insight into theoretical aspects of cognitive processes The learner will build foundational knowledge of Cognitive Psychology which will help the learner for higher education and also to pursue a professional career in any of the several areas of Psychology.
					UAPSY505	PSYCHOLOGY PAPER VIII (YEAR: 201-18)	To facilitate the understanding of theoretical concepts of experimental psychology through experiential learning, learn the processes involved in scientific inquiry, develop critical approach and understand use of statistical analysis in psychological research by introducing the students to Practicals in Cognitive Processes and Psychological Testing: through practice and conduct of experiments, use of statistical analysis, interpretation and discussion of data, using APA format for report writing. introducing the students to Psychological Testing: administration, scoring and interpretation of the psychological tests, understanding the concepts of reliability and validity and nuances of procedures and ethical issues. orienting the students to computer-based experiments (Coglab) and sensitize them to methodological issues, strengths and limitations of use of computers for conducting experiments in psychology. Helping students develop skills for evaluation of a research paper and write a research report.	After studying this paper, learners will able to... Translate theoretical concepts into application-based experiments. Conduct experiments following standardized procedure. Apply statistical tests and analyze the data collected. Write reports on research conducted using APA format. Make sense of the research papers on any given topic
					UAPSY506	PSYCHOLOGY PAPER IX (YEAR: 2017-18)	To have students develop an interest in and an understanding of Counselling concepts To have students understand counsellor's roles and responsibilities in practice environments To have students build knowledge and understanding of the basic skills in practice To help students understand the theoretical foundations underlying different counselling and psychotherapeutic approaches To create a foundation in students for higher education in Counselling and a career as a professional counsellor	Learner will be able to Identify unique features of Counselling as a profession. Learner will be able to understand the process to be followed while helping people and roles and responsibilities of the counselor. Learner will be able to Identify key ingredients necessary for successful helping. Understand micro-skills required to practice Counselling. Understand theoretical foundations underlying different counselling and psychotherapeutic approaches and critically evaluate the strengths, limitations associated with each of them. Feel motivated to seek further training to practice Counselling.
					UAPOL501	POLITICS IV	To introduce students to the complexities of world politics, making them aware of the multiple dimensions existing in the international area. To facilitate students to understand International Political Economy. To introduce students to the history, structure and operation of the international system. To Increase knowledge of Indian foreign policy and India's role in international politics.	Student understands world politics. Student understands International Political Economy. Student learns history, structure and operations of the international system. Student understands Indian foreign policy and India's role in international politics.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UAPOL502	POLITICS V	<p>To introduce students to the complexities of world politics, making them aware of the multiple dimensions existing in the international area.</p> <p>To facilitate students to understand International Political Economy.</p> <p>To students introduce to the history, structure and operation of the international system.</p> <p>To Increase knowledge of Indian foreign policy and India's role in international politics.</p>	<p>Student understands world politics.</p> <p>Student understands International Political Economy.</p> <p>Student learns history, structure and operations of the international system.</p> <p>Student understands Indian foreign policy and India's role in international politics.</p>
					UAPOL503	POLITICS VI	<p>To increase knowledge of the history of western political thought.</p> <p>To increase knowledge of history of Indian political thought.</p> <p>To make students familiar with contemporary western & Indian political thought.</p> <p>To help students to develop own political thought.</p>	<p>Student understands history of western and Indian political thought.</p> <p>Student understands history of Indian political thought.</p> <p>Students get knowledge of contemporary western and Indian political thought.</p> <p>Student tries to develop own political thought.</p>
					UAHIS501	HISTORY IV	<p>To acquaint the students with the history of early Medieval India that laid the foundation of the Sultanate in India.</p> <p>To study the contribution of Vijayanagar and Bahamani kingdoms to Medieval Indian History.</p> <p>To examine the administrative, socio-economic and cultural aspects of Medieval India.</p>	<p>The students acquires knowledge about the history of early Medieval India that laid the foundation of the Sultanate in India.</p> <p>The student understands the contribution of Vijayanagar and Bahamani kingdoms to Medieval Indian History.</p> <p>The Student analyses and appreciates the administrative, socio-economic and cultural aspects of Medieval India</p>
					UAHIS502	HISTORY- V	<p>To acquaint students with regional history.</p> <p>To understand political and socio-economic developments during the 19th and 20th centuries.</p> <p>To create understanding of the movement that led to the formation of Maharashtra.</p>	<p>The students learns about the regional history.</p> <p>The Student understands political and socio-economic developments during the 19th and 20th centuries.</p> <p>The Student understands the Samyukta Maharashtra movement that led to the formation of Maharashtra.</p>
					UAHIS503	HISTORY - VI	<p>To understand the basic aspects of Archaeology.</p> <p>To evaluate the importance of Epigraphy.</p> <p>To study the importance of Numismatics as an important source of history.</p>	<p>The student comprehends basic aspects and concepts of Archaeology.</p> <p>The student understands the significance of Epigraphy as an important source for the study of History.</p> <p>The Student realizes the importance of Numismatics as an important source of history.</p>
					ECOAET601	ECONOMICS-IV	<p>To familiarize the learners to importance of trade balance.</p> <p>To demonstrate the functioning of monetary and fiscal policy in attainment of internal and external equilibrium</p> <p>To update students about the evolution of exchange rate regimes.</p> <p>To introduce learners to international monetary history.</p>	<p>Learners can recommend adequate changes in monetary and fiscal policy to correct trade imbalance.</p> <p>Learners can apply the IS-LM-UIP model to analyse the profitability in investment in foreign bond.</p> <p>Learners can correlate between exchange rate crisis and other kinds of crisis such as banking crisis, financial crisis etc..</p> <p>Learners memorize important historical events such as emergence of Gold standard, fall of Bretton Woods System, Maastricht treaty etc.</p>
					ECOGAD602	ECONOMICS-V	<p>To explain the composition, direction, and consequences of international trade</p> <p>To make aware about various trade theories</p> <p>To make familiarize with trade policy and international agencies governing international trade and finance.</p>	<p>Students will be able to understand meaning of international trade and trade flow</p> <p>Students will be able to learn different theories of international trade given by various economists.</p> <p>Students will be able to develop an analytical skills on how trade policies are formed</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					ECOFSA603	ECONOMICS-VI	<p>To equip with the knowledge about the fundamentals of Industrial Economics</p> <p>To explain theories of industrial location</p> <p>To make familiarize with concept and Measurement of Industrial Productivity</p> <p>To make aware about the latest policies relating to the Indian industry.</p>	<p>Students will be able to understand meaning of Industrial Economics and various types of industries.</p> <p>Students will be able to learn different theories of industrial location development given by various economists and factors affecting industrial location.</p> <p>Students will be able to develop analytical skills about Industrial Productivity</p> <p>Students will be able to evaluate latest policies relating to the Indian industry.</p>
					UAHIN603	HINDI-IV	<p>हिंदी साहित्य के इतिहास में कालविभाजन से अवगत कराना ।</p> <p>हिंदी के गद्यपद्य साहित्य के क्रमिक विकास को स्पष्ट करना ।</p> <p>हिंदी साहित्य के विभिन्न कालोंकी पृष्ठभूमि व प्रवृत्तियों से अवगत कराना ।</p>	<p>पाठ्यक्रम के माध्यम से विद्यार्थी योंमे सामाजिक राजनीतिक धार्मिक व सांस्कृतिक विश्वदृष्टी कि समझ उत्पन्न करना ।</p> <p>विद्यार्थियों में सामाजिक जागृती लाना ।</p> <p>विध्यार्थी साहित्य और समाज के बीच तुलनात्मक अध्ययन करनेमें सक्षम होंगे ।</p>
					UAHIN602	HINDI-V	<p>To create opportunities and facilities for holistic teaching-learning environment.</p> <p>To lay emphasis on developing and nurturing scientific temper amongst students and staff.</p> <p>To promote quality research.</p> <p>To provide opportunities of students to participate in co-curricular and extracurricular activities.</p> <p>To sensitize students towards global, social, cultural and religious diversities and to promote tolerance and respect for them.</p> <p>To provide equal opportunities to one and all so as to include weaker sections of society in the development process.</p> <p>To promote competencies necessary in the globalised economic environment. To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through literature.</p> <p>To enable students learn various forms of literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through literature.</p> <p>Student learns various forms of literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					UAHIN601	HINDI-VI	<p>सूचना प्रौद्योगिकी के विकास व हिंदी में उसके उपयोग से विध्यार्थीयोंको अवगत कराना ।</p> <p>कम्प्युटर पर हिंदी में कामकाज से विध्यार्थीयोंको परिचित कराना ।</p> <p>सोशल मीडिया के प्रभाव व्यवहार और कानून की जानकारी ।</p> <p>संचार माध्यम और रोजगार की संभवनाओंको स्पष्ट करना ।</p>	<p>जनसंचार माध्यम के विभिन्न प्रयोग और तकनीकि गुणोंकी समझ विकसित होगी ।</p> <p>हिंदी में उपलब्ध रोजगार मिलेंगे ।</p> <p>विद्यार्थियों को कम्प्युटर पर कार्य करने कि क्षमता विकसित होगी ।</p>
					UAHIS603	HISTORY-IV	<p>To acquaint the students with the history of India since the emergence of the Mughal rule.</p> <p>To understand administration of the Mughal Empire.</p> <p>To study the rise of the Maratha Power.</p>	<p>The student gets acquainted with the history of India since the emergence of the Mughal rule.</p> <p>The student comprehends about the main features of Mughal administration</p> <p>The Student understands the causes for rise of the Maratha Power and the role of Shivaji and other Maratha rulers.</p>
					UAHIS602	HISTORY-V	<p>To understand the process of making the Constitution and the Integration and Reorganization of Indian States.</p> <p>To acquaint the students with the political developments in India after Independence.</p> <p>To comprehend the socio-economic changes and progress in science and technology in India.</p>	<p>The Student understands the process of making the Constitution and the Integration and Reorganization of Indian States.</p> <p>The students understand the political developments in India after Independence.</p> <p>The student comprehends the socio-economic changes and progress in science</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF ARTS		To provide through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the chosen arts subjects (viz. Economics / Hindi / History / Political Science / Psychology). The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - VI	UAHIS601	HISTORY-VI	To inform the students about the role of Museums in the preservation of Heritage. To understand the importance of Archival Science in the study of History. To encourage students to pursue careers in various Museums and Archives in India and abroad.	The student learns about the role of Museums in the preservation of Heritage. The Student understand the importance of Archival Science in the study of History. The students takes interest in pursuing a career in various Museums and Archives in India and abroad. Appreciates the rich cultural heritage of India.
					UAPOL603	POLITICS-IV	To introduce students to the complexities of world politics, making them aware of the multiple dimensions existing in the international area. To facilitate students to understand International Political Economy. To students introduce to the history, structure and operation of the international system. To Increase knowledge of Indian foreign policy and India's role in international politics.	Student understands world politics. Student understands International Political Economy. Student learns history, structure and operations of the international system. Student understands Indian foreign policy and India's role in international politics.
					UAPOL602	POLITICS-V	To increase knowledge of the history of western political thought. To increase knowledge of history of Indian political thought. To make students familiar with contemporary western & Indian political thought. To help students to develop own political thought.	Student understands history of western and Indian political thought. Student understands history of Indian political thought. Students get knowledge of contemporary western and Indian political thought. Student tries to develop own political thought.
					UAPOL601	POLITICS-VI	To increase knowledge of history of Maharashtra. To increase knowledge of formation of Samyukta Maharashtra. To make students familiar with political institutions of Maharashtra. To make students familiar with contemporary issues and movement in Maharashtra.	Student understands history of Maharashtra. Student gets knowledge of formation of Samyukta Maharashtra Student understands political institutions of Maharashtra. Student understands contemporary issues and movements in Maharashtra.
					UAPSY601	PSYCHOLOGY - IV	To have students build knowledge and understanding of the nature, uses, technical features, and the process of construction of psychological tests To create awareness among students about measurement of intelligence and assessment of personality To have students build knowledge and understanding of the concepts in Statistics and the various measures of Descriptive Statistics - their characteristics, methods of calculation, uses and applications To create a foundation in students for advanced learning of Psychological Testing, Assessment and Statistics	The learner will develop knowledge and understanding of the nature, uses, technical features, and the process of construction of psychological tests. The learner will develop awareness about measurement of intelligence and assessment of personality. The learner will be equipped with the knowledge about the concepts in Statistics and the various measures of Descriptive Statistics - their characteristics, uses, applications and methods of calculation. The learner will build a firm foundation, which will be helpful for advanced learning of Psychological Testing, Assessment and Statistics in postgraduate studies.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UAPSY602	PSYCHOLOGY-V	<p>To have students build knowledge and understanding of the basic concepts in Abnormal Psychology and the theories of Abnormality</p> <p>2. To have students build knowledge and understanding of the different Psychological Disorders – their symptoms, diagnosis, causes and treatment</p> <p>To create awareness among students about Mental Health problems in society</p> <p>To create a foundation in students for higher education and a professional career in Clinical Psychology</p>	<p>The learner will develop an understanding of the basic concepts and theories of Abnormal Psychology.</p> <p>The learner will develop insight into various forms of Psychological Disorders – their symptoms, causes, along with the process of diagnosis and treatment.</p> <p>The learner will become more sensitised and equipped to deal with various issues related to Mental Health in society.</p> <p>The learner will build foundational knowledge of Abnormal Psychology which will help the learner for higher education and also to pursue a professional career in Clinical Psychology.</p>
					UAPSY603	PSYCHOLOGY-V	<p>To help learners understand and build knowledge about the basic concepts in the field of Industrial/Organizational Psychology</p> <p>To help learners learn about the role and importance of psychological factors and processes in the world of work</p> <p>To facilitate in learners a foundation of higher education and a professional career in Industrial Psychology and Organizational Behaviour</p>	<p>Learners will be able to-</p> <p>Describe the scope of I/O Psychology and careers related to I/O Psychology</p> <p>List and describe the basic concepts of I/O Psychology</p> <p>Critically discuss issues related to I/O Psychology</p> <p>Learners will have a sufficient foundation in I/O Psychology to pursue postgraduate studies and/or careers related to I/O Psychology</p>
					UAPSY604	PSYCHOLOGY-VII	<p>To have students build knowledge and understanding of the fundamental concepts of Cognitive Psychology and the basic Cognitive processes</p> <p>To create awareness among students about the various applications of Cognitive processes in everyday life and a foundation to enable understanding of their applications in other fields - Social, Educational, Industrial, Abnormal, Counselling, Sports, Health, Education, and Neuro-Psychology</p> <p>To have students understand the theoretical orientation and background for the courses on Practicum in Cognitive Processes</p> <p>To create a foundation in students for higher education and a career in the field of Cognitive Psychology</p>	<p>The learner will develop understanding of the basic concepts and theories of Cognitive Psychology.</p> <p>The learner will develop insight into theoretical aspects of cognitive processes</p> <p>The learner will build foundational knowledge of Cognitive Psychology which will help the learner for higher education and also to pursue a professional career in any of the several areas of Psychology.</p>
					UAPSY605	PSYCHOLOGY-VIII	<p>To facilitate the understanding of theoretical concepts of experimental psychology through experiential learning, learn the processes involved in scientific inquiry, develop critical approach and understand use of statistical analysis in psychological research by introducing the students to Practicals in Cognitive Processes and Psychological Testing: through practice and conduct of experiments, use of statistical analysis, interpretation and discussion of data, using APA format for report writing.</p> <p>introducing the students to Psychological Testing: administration, scoring and interpretation of the psychological tests, understanding the concepts of reliability and validity and nuances of procedures and ethical issues.</p> <p>orienting the students to computer-based experiments (Coglab) and sensitize them to methodological issues, strengths and limitations of use of computers for conducting experiments in psychology.</p> <p>Helping students develop skills for evaluation of a research paper and write a research report.</p>	<p>After studying this paper, learners will be able to...</p> <p>Translate theoretical concepts into application-based experiments.</p> <p>Conduct experiments following standardized procedure.</p> <p>Apply statistical tests and analyze the data collected.</p> <p>Write reports on research conducted using APA format.</p> <p>Make sense of the research papers on any given topic</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UAPSY606	PSYCHOLOGY-IX	<p>To have students develop an interest in and an understanding of Counselling concepts</p> <p>To have students understand counsellor's roles and responsibilities in practice environments</p> <p>To have students build knowledge and understanding of the basic skills in practice</p> <p>To help students understand the theoretical foundations underlying different counselling and psychotherapeutic approaches</p> <p>To create a foundation in students for higher education in Counselling and a career as a professional counsellor</p>	<p>Learner will be able to Identify unique features of Counselling as a profession.</p> <p>Learner will be able to understand the process to be followed while helping people and roles and responsibilities of the counselor.</p> <p>Learner will be able to Identify key ingredients necessary for successful helping.</p> <p>Understand micro-skills required to practice Counselling.</p> <p>Understand theoretical foundations underlying different counselling and psychotherapeutic approaches and critically evaluate the strengths, limitations associated with each of them.</p> <p>Feel motivated to seek further training to practice Counselling.</p>
					UBCOMFSI .7	FOUNDATION COURSE - I	<p>To explain the pluralistic nature of Indian society through its demographic composition. To sensitize students about inequalities in the society, gender disparity and regional variations in India. To examine disparities due to the caste system that cause inter-group conflicts.</p> <p>To make the students know about the philosophy of the Indian Constitution, its structure and the fundamental duties of Indian citizens. To make students aware of the significant aspects of political processes in India, local self-government in urban and rural areas and the role of women in Indian politics.</p>	<p>Students will Have a better understanding of Indian society that is made up of multi-racial, multi-religious, multi-linguistic and multi-cultural groups.</p> <p>Be able to evaluate the factors that give rise to gender disparity.</p> <p>Be able to identify factors that give rise to inter-group conflicts and strategies that can help to reduce them.</p> <p>Understand the broad philosophy of the Indian Constitution and the provisions made in it enabling a strong foundation to become able citizens for the country</p> <p>Learn about the party system and the governance structure in rural and urban India and about the empowerment of women in India.</p>
					UBCOMFSI .4	BUSINESS COMMUNICATION	<p>To familiarize learners with the theory of communication</p> <p>To inculcate various oral and written skills needed for effective communication</p> <p>To demonstrate the effective use of communication technology.</p> <p>To develop an awareness about the complexity of communication in a dynamic business environment.</p> <p>To enable learners to apply the various skills of communication to actual life situations.</p>	<p>The learner explains the theory of communication</p> <p>The learner displays various oral and written skills needed for effective communication</p> <p>The learner demonstrates the effective use of communication technology.</p> <p>The learner develops an awareness about the complexity of communication in a dynamic business environment.</p> <p>The learner applies the various skills of communication to actual life situations.</p>
					UBCOMFSI .3	BUSINESS ECONOMICS - I	<p>To familiarize learners with Business Economics</p> <p>To enable learners to identify market forces of demand and supply and experiment the changes therewith in</p> <p>To train learners to evaluate elasticity of demand of a given product and forecast its demand in the near future</p> <p>To help learners in defining and distinguishing between different types of production functions</p> <p>To analyze types and causes of economies and diseconomies of scale</p> <p>To demonstrate break even analysis to the learners using cost and revenue concepts</p>	<p>The learners defines business economics and market forces of demand and supply.</p> <p>The learners identify and/or calculate elasticity of demand and correlate it with demand forecast</p> <p>The learners categorize different production functions and interpret the economies and diseconomies of scale</p> <p>The learners defines different types of costs and revenues and calculate Break-Even price and quantity sales</p>

The learner



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	BACHELOR OF COMMERCE	To provide through knowledge of the Commerce subjects. To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the Commerce subjects. The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - I	UBCOMFSI .2	COMMERCE - I	<p>To learn the various aspects of business, its objectives & scope including its impact on LPG.</p> <p>To understand the various factors affecting business environment & its impact including the international environment & its trends.</p> <p>To acquire knowledge on promotion of a business, factors to be considered & legal requirements.</p> <p>To create awareness on entrepreneurship, various incentives offered by government & development of women entrepreneurship.</p>	<p>The students will be acquainted with the setting of objectives, business scope & the current trends in business.</p> <p>The students will get insights on micro & macro environmental factors affecting business including the current trends in international business environment.</p> <p>The students will understand the preparation of project report, feasibility report & filing of legal documents for the promotion of a business.</p> <p>The students will develop a spirit of entrepreneurship to enable self-employment particularly the women for the incentives from government.</p>
					UBCOMFSI .5	ENVIRONMENTAL STUDIES	<p>To create an environmental awareness among Commerce students.</p> <p>To relate various environmental aspects in the field of Commerce.</p> <p>To identify the spatial attributes pertaining to environmental elements</p> <p>To highlight the various environmental problems relating to resources, population and urbanization</p> <p>To apply sustainable solutions to different environmental problems</p>	<p>The learner understands the relationship between environment and Commerce.</p> <p>The learner develops awareness about the various environmental issues and their implications for environment and society</p> <p>The learner identifies the spatial distribution of environmental aspects.</p> <p>The learner locates the various environmental problems resources, population and urbanization at local, regional, national and international level</p> <p>The learner applies the adoption of sustainable solutions to environmental problems</p>
					UBCOMFSI .6	MATHEMATICS AND STATISTICAL TECHNIQUES - I	<p>To introduce mathematics and statistics to undergraduate students of commerce, so that they can use them in the field of commerce and industry to solve the real life problems.</p> <p>To explain the growth of emerging needs of industry and its application.</p> <p>To introduce Application of Mathematics and Statistics in the field of Banking and Financial sector.</p> <p>To introduce Application of Mathematics and Statistics in the field of Economics and Stock Market</p> <p>To introduce the operations research methodology , the problem solving approach and decision-making processes</p>	<p>Associating the characteristics of different financial assets such as money market instruments, bonds, and stocks, and how to buy and sell these assets in financial markets.</p> <p>Apply the concept of combinations and permutation to problem solving.</p> <p>Summarizing the basic concepts of optimization, modelling and linear modelling (LPP).</p> <p>Displaying the operations research methodology and the problem solving approach.</p> <p>Compare Mean, Median and Mode and how to calculate it and how all of alternative measures differ and why.</p> <p>Gathering the concept of probability and its features</p> <p>Interpreting with derivatives as rates of change in mathematical models</p> <p>Calculate simple and compound interest</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UBCOMFSI .1	ACCOUNTANCY & FINANCIAL MANAGEMENT - I	<p>To develop the understanding of the basic accounting standards along with the basic accounting assumptions, concepts and conventions which form the base of Accountancy.</p> <p>To discuss the concept of a Manufacturing concern, preparation of final accounts of a Manufacturing concern and its accounting effects.</p> <p>To explain the concept, procedure and steps involved in preparing Departmental Final Accounts with allocation of expenses amongst the Departments.</p> <p>To explain the concept of Hire Purchase transactions and the procedure and steps involved in accounting for Hire Purchase transactions.</p>	<p>The student will be able to learn the accounting standards along with the basic accounting assumptions, concepts and conventions.</p> <p>The student will be able to prepare final accounts of a Manufacturing concern.</p> <p>The student will be able to prepare Departmental Final Accounts with allocation of expenses amongst the Departments.</p> <p>The student will be able to account for Hire Purchase transactions.</p>
					UBCOMFSI I.1	ACCOUNTANCY & FINANCIAL MANAGEMENT - II	<p>To create the understanding about the concept, the procedure and steps involved in preparation of final accounts from incomplete records.</p> <p>To explain the concept of Consignment, the procedure and steps involved in Goods sent on consignment basis.</p> <p>To discuss the concept of Branch Account, the need, procedure, accounting effects and treatment for Branch Accounts and its methods of accounting.</p> <p>To explain the concept of Fire Insurance and the preparation of Accounts and its accounting effects in case of a fire.</p>	<p>The student will be able to prepare final accounts from incomplete records.</p> <p>The student will be able to account for Goods sent on consignment basis and prepare relevant accounts.</p> <p>The student will be able to prepare Branch Accounts and learn the methods of accounting for Branch records.</p> <p>The student will be able to calculate claim to be submitted to the insurance company in case of a fire.</p>
					UBCOMFSI I.2	COMMERCE - II	<p>To familiarize on the concepts of services & learn the service development cycle, opportunities & challenges.</p> <p>To learn the concepts of organised & unorganised retailing, and various formats of retailing.</p> <p>To learn the scope of ITES sector viz BPO, KPO, LPO & ERP and learn the growth of banking & insurance sector</p> <p>To Understand the importance & various aspects of E- Commerce and its transition in Indian corporates.</p>	<p>Students learn the classification of services and develop right skills required to deal with various challenges in service sector.</p> <p>The students can distinguish between organised & unorganised retailing, and learn management of different formats of retailing.</p> <p>The students become aware of the operations in ITES sector, banking, insurance & logistics sector.</p> <p>The students learn the major activities of B2B, B2C, C2C & make them employable in the service sectors.</p>
					UBCOMFSI I.3	BUSINESS ECONOMICS - II	<p>To define and distinguish between different forms of market structures</p> <p>To demonstrate how equilibrium of firm and industry is attained in different forms of market structure</p> <p>To understand different pricing methods and determining appropriate price for a given commodity and situation</p> <p>To examine profitability of available alternate projects by using different capital budgeting methods like Pay Back period method, NPV method, IRR method etc.</p>	<p>The learners categorizes different forms of market structures based on their features.</p> <p>The learners find out the types of profit that firms in different market structures can earn based on short run and long run equilibrium.</p> <p>The learners summarizes different pricing practices and recommend suitable prices for commodities in question based on various factors</p> <p>The learners calculate the return on investment and period of recovery using different methods of capital budgeting</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF COMMERCE		To provide through knowledge of the Commerce subjects. To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the Commerce subjects. The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - II	UBCOMFSI 1.4	BUSINESS COMMUNICATION	<p>To familiarize learners with the theory of communication</p> <p>To inculcate various oral and written skills needed for effective communication</p> <p>To demonstrate the effective use of communication technology.</p> <p>To develop an awareness about the complexity of communication in a dynamic business environment.</p> <p>To enable learners to apply the various skills of communication to actual life situations.</p>	<p>The learner explains the theory of communication</p> <p>The learner displays various oral and written skills needed for effective communication</p> <p>The learner demonstrates the effective use of communication technology.</p> <p>The learner develops an awareness about the complexity of communication in a dynamic business environment.</p> <p>The learner applies the various skills of communication to actual life situations.</p>
					UBCOMFSI 1.5	ENVIRONMENTAL STUDIES	<p>To create awareness about problems relating to waste and the situation in MMR region</p> <p>To understand the environmental problems relating to Agriculture and Industries</p> <p>To inculcate knowledge among learners about the various aspects relating to tourism sector</p> <p>To articulate the role of environmental management for sustainable development</p> <p>To identify the spatial attributes pertaining to environmental elements in MMR and Konkan Region</p>	<p>The learner understands the problems relating to waste and the situation in MMR region</p> <p>The learner develops awareness about the various relating to Agriculture and Industries their implications for environment and society</p> <p>The learner identifies the spatial distribution of environmental aspects in MMR and Konkan region</p> <p>The learner understand to apply green solutions to environmental issues</p> <p>The learner applies the adoption of environment friendly lifestyle and become a responsible citizen for sustainable future</p>
					UBCOMFSI 1.6	MATHEMATICS AND STATISTICAL TECHNIQUES - I	<p>To introduce mathematics and statistics to undergraduate students of commerce, so that they can use them in the field of commerce and industry to solve the real life problems.</p> <p>To explain the growth of emerging needs of industry and its application.</p> <p>To introduce Application of Mathematics and Statistics in the field of Banking and Financial sector.</p> <p>To introduce Application of Mathematics and Statistics in the field of Economics and Stock Market</p> <p>To introduce the operations research methodology , the problem solving approach and decision-making processes</p>	<p>Associating the characteristics of different financial assets such as money market instruments, bonds, and stocks, and how to buy and sell these assets in financial markets.</p> <p>Apply the concept of combinations and permutation to problem solving.</p> <p>Summarizing the basic concepts of optimization, modelling and linear modelling (LPP).</p> <p>Displaying the operations research methodology and the problem solving approach.</p> <p>Compare Mean, Median and Mode and how to calculate it and how all of alternative measures differ and why.</p> <p>Gathering the concept of probability and its features</p> <p>Interpreting with derivatives as rates of change in mathematical models</p> <p>Calculate simple and compound interest</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UBCOMFSI I.7	MATHEMATICS AND STATISTICAL TECHNIQUES - II	<p>To introduce mathematics and statistics to undergraduate students of commerce, so that they can use them in the field of commerce and industry to solve the real life problems.</p> <p>To explain the growth of emerging needs of industry and its application.</p> <p>To introduce Application of Mathematics and Statistics in the field of Banking and Financial sector.</p> <p>To introduce Application of Mathematics and Statistics in the field of Economics and Stock Market</p> <p>To introduce the operations research methodology , the problem solving approach and decision-making processes</p>	<p>Associating the characteristics of different financial assets such as money market instruments, bonds, and stocks, and how to buy and sell these assets in financial markets.</p> <p>Apply the concept of combinations and permutation to problem solving.</p> <p>Summarizing the basic concepts of optimization, modelling and linear modelling (LPP).</p> <p>Displaying the operations research methodology and the problem solving approach.</p> <p>Compare Mean, Median and Mode and how to calculate it and how all of alternative measures differ and why.</p> <p>Gathering the concept of probability and its features</p> <p>Interpreting with derivatives as rates of change in mathematical models</p> <p>Calculate simple and compound interest</p>
					UBCOMFSI I.7	FOUNDATION COURSE - II	<p>To enable students learn situation of vulnerable groups and laws safeguarding their rights.</p> <p>To enable students learn the value of healthy environment and sustainable development</p> <p>To enable students developing and nurturing scientific temper.</p> <p>To enable students improve soft skills and preparation for competitive exams.</p> <p>To make students a responsible citizen.</p>	<p>Student learns situation of vulnerable groups and laws safeguarding their rights.</p> <p>Student learns the value of healthy environment and sustainable development</p> <p>Student develops and nurture scientific temper.</p> <p>Student improves soft skills and prepare for competitive exams.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					UBCOMSSI II.1	ACCOUNTS AND FINANCIAL MANAGEMENT - III	<p>To discuss the various accounting aspects with reference to partnership business.</p> <p>To explain the procedure of preparation of Partnership Final Accounts in case of Admission, Retirement and Death of a Partner.</p> <p>To discuss the concept of Piecemeal Distribution of Cash in case of dissolution of a partnership firm and the procedure and steps involved in preparing the Statement showing Piecemeal Distribution of Cash.</p> <p>To describe the concept of Amalgamation and the preparation of Accounts for Accounting the Amalgamation of Partnership Firms.</p> <p>To discuss the need, procedure, accounting effects and treatment for Conversion of a Partnership Firm into a Limited Company.</p>	<p>The student will be able to learn the various accounting aspects with reference to partnership business.</p> <p>The student will be able to prepare Final Accounts of a Partnership Firm in case of Admission, Retirement and Death of a Partner.</p> <p>The student will be able to prepare the Statement of Piecemeal Distribution of Cash in case of dissolution of partnership firm.</p> <p>The student will be able to do the accounting in case of Amalgamation of Partnership Firms.</p> <p>The student will be able to account for Conversion of a Partnership Firm into a Limited Company.</p>
					UBCOMSSI II.2	COMMERCE - III	<p>To understand the functions of management</p> <p>To know the meaning of planning and its importance in management</p> <p>To know the difference between formal and information organization.</p> <p>To understand the styles and qualities of a good leader.</p> <p>To understand the techniques of controlling</p>	<p>The learner understand and explains the functions of management</p> <p>The learner inculcate the relevance of planning in the actual life situation</p> <p>The learner develop an awareness about the difference between formal and informal organization</p> <p>The learner understand the required leadership styles and qualities of a good leader in the business organization</p> <p>The learner displays various techniques of controlling to actual life situation</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF COMMERCE		To provide through knowledge of the Commerce subjects. To develop proficiency in the chosen subjects.	The learner acquires through knowledge of the Commerce subjects. The learner develops proficiency in the chosen	SEM - III	UBCOMSSI II.4	BUSINESS ECONOMICS - III	<p>To introduce learners to the basic analytical tools of macroeconomics to evaluate macroeconomic conditions such as inflation, unemployment, growth etc.</p> <p>To interpret the system of overall working of the economy</p> <p>To familiarize learners with different aspects of aggregate economic variables and their correlation with each other</p> <p>To analyze the causes of inflation and demonstrate its effects on the economy</p>	<p>The learners defines National Income and understands ups and downs in national income as a result of trade cycle</p> <p>The learners determine various methods to curb trade cycle volatilities and establish economic stability with growth.</p> <p>The learners interpret consumption and savings pattern of people based on their income with reference to Keynesian consumption function</p> <p>The learners demonstrate the impact of consumption and savings pattern on the multiplier effect and also calculates the investment multiplier</p> <p>The learners correlate inflation and unemployment in short run and long run</p>
					UBCOMSSI II.3	BUSINESS LAW - I	<p>To help the students to understand the basic rules of Agreements and Contracts along with the basic Rules of Offer, Acceptance, Consideration, Capacity/Competency to contract & rules governing Consideration in The Indian Contract Act, 1872.</p> <p>To help the students to understand the concept of Consent, Free Consent, Classification of contracts, Modes of Discharge of Contracts, Breach of Contract and Remedies against the breach.</p> <p>To help the students to understand the nuance of Law of Indemnity & Guarantee, Contract of Bailment, Contract of Pledge and Contract of Agency</p> <p>To make the students understand the object and significance of the Sale of Goods Act, 1936 the concept of Goods, Types of Goods, Condition & Warranty, Doctrine of Caveat Emptor, Rights of Unpaid Seller and Remedies for Breach of Contract of Sale.</p> <p>To make the students understand various provisions related to The Negotiable Instrument Act, 1881 with Amendment Act, 2015. Rules related to Bills of Exchange, Promissory Note and Cheque. Dishonour of Cheque and Penalties.</p>	<p>Students would learn the basics of Laws governing commercial contracts and nuances of competency to contract, rules of Consideration and Objects of Contracts with case laws and illustrations.</p> <p>Students would learn the concept of Consent & Free Consent, different types of Agreements and Contracts, different Modes of discharge of Contracts, Breach of contracts and remedies for the aggrieved parties.</p> <p>Students would learn the rules regarding the Contract of Indemnity & Guarantee, Contract of Bailment, Contract of Pledge and Contract of Agency and types of Agents.</p> <p>Students would learn the rules regarding the Contract of Sale, Distinction between Sale & Agreement to sell, Condition & Warranty, Doctrine of Caveat Emptor, Rights of Unpaid Seller and Remedies for Breach of Contract of Sale.</p> <p>Students would learn various provisions related to The Negotiable Instrument Act, 1881 with Amendment Act, 2015. Rules related to Bills of Exchange, Promissory Note and Cheque. Legal process on Dishonour of Cheque and Penalties.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
		To make learners job ready in the field of chosen subjects.	the chosen subjects. The learner gets a job in the field of chosen subjects.		UBCOMAD VIII.7	ADVERTISING - I	<p>The course introduces the fundamental theoretical framework of advertising, and links the role of advertising to the broader marketing communications context. Specific topics include integrating marketing communication, identifying promotional opportunities corporate and brand image, advertising management, advertising design, media selection, consumer promotions, public relations and sponsorship and international advertising.</p> <p>To explain to the students the concept and role of IMC and the evolution of advertising.</p> <p>To identify aspects related to the Benefits of advertising. Ad agency, carrier in advertising and agency selection criteria.</p> <p>To examine the impact of Advertising on Production Cost Distribution Cost and Consumer Price.</p> <p>To evaluate the recent trends in social advertising and the role of Self Regulatory Bodies in advertising.</p> <p>To ensure that the student understands the Process of Brand Building / Importance of AIDA Model and special purpose advertising.</p>	<p>The learners gets to understand the concept & Role of IMC and the evolution of advertising.</p> <p>The learners focuses on aspects related to the Benefits of Advertising. Advertising agency, careers in advertising and agency selection criteria.</p> <p>The students examines the impact of Advertising on Production Cost/Distribution Cost And Consumer Price.</p> <p>The learner evaluates the recent trends in Social Advertising and the Role of Self Regulatory Bodies in advertising.</p> <p>The student understand the Process of Brand building /Importance of AIDA Model and special Purpose advertising.</p>
					UBCOMSSI II.5	FOUNDATION COURSE - III	<p>To enable students learn situation of vulnerable groups and laws safeguarding their rights.</p> <p>To enable students learn the value of healthy environment and sustainable development</p> <p>To enable students developing and nurturing scientific temper.</p> <p>To enable students improve soft skills and preparation for competitive exams.</p> <p>To make students a responsible citizen.</p>	<p>Student learns situation of vulnerable groups and laws safeguarding their rights.</p> <p>Student learns the value of healthy environment and sustainable development</p> <p>Student develops and nurture scientific temper.</p> <p>Student improves soft skills and prepare for competitive exams.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					UBCOMTTII 1.8	TRAVEL & TOURISM	<p>To familiarize students with Travel and Tourism and hospitality Industry</p> <p>To inculcate knowledge among learners about the various tourism resources</p> <p>To inform students about the various tourist infrastructure essential for tourism sector</p> <p>To understand the impact of tourism industry and its sustainability</p>	<p>The learners understands the about the Travel and Tourism Industry</p> <p>The learner develops awareness about the various resources linked to travel and tourism and hospitality industry</p> <p>The learner gains an insight about the Travel and Tourism Infrastructure</p> <p>The learner gains a better understanding of the impact of tourism and Sustainable tourism as an alternative tourism</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome	
2C00145					UBCOMSSI I.6	MANAGEMENT ACCOUNTING	<p>To describe and discuss the basic concepts and importance of Management Accounting.</p> <p>To formulate, analyze and interpret financial statements.</p> <p>To construct and develop the understanding of various ratios and to interpret its results.</p> <p>To explain the concept of working capital and to estimate working capital with the help of data given.</p> <p>To discuss the budgeting of capital expenditure by using various methods and to evaluate its results.</p>	<p>The student will be able to understand the significance of basic concept, importance & Functions of Management Accounting.</p> <p>The student will be able to prepare vertical format of Balance Sheet and Profit & Loss Account and also able to compare and evaluate the results of Trend Analysis, Comparative Analysis and Common Size Statement.</p> <p>The student will be able to learn the Importance of Ratio Analysis and its classification.</p> <p>The student will be able to learn Working Capital Management with types, functions and statement of estimated Working Capital.</p> <p>The student will be able to learn Capital Budgeting and various methods of Capital Budgeting such as Pay Back Period method, Net Present Value method, Profitability Index method and Average Rate of Return method.</p>	
					UBCOMSSI V	FOUNDATION COURSE - IV	<p>To enable students learn situation of vulnerable groups and laws safeguarding their rights.</p> <p>To enable students learn the value of healthy environment and sustainable development</p> <p>To enable students developing and nurturing scientific temper.</p> <p>To enable students improve soft skills and preparation for competitive exams.</p> <p>To make students a responsible citizen.</p>	<p>Student learns situation of vulnerable groups and laws safeguarding their rights.</p> <p>Student learns the value of healthy environment and sustainable development</p> <p>Student develops and nurture scientific temper.</p> <p>Student improves soft skills and prepare for competitive exams.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>	
						UBCOMSSI V.1	ACCOUNTANCY AND FINANCIAL MANAGEMENT - IV	<p>To discuss the concept of a Company, the preparation of Company Accounts and its accounting effect.</p> <p>To explain the concept of Redemption of Preference Shares and to illustrate the procedure and steps involved in Redemption of Preference Shares.</p> <p>To explain the concept of Redemption of Debentures and to illustrate the procedure and steps involved in Redemption of Debentures.</p> <p>To evaluate and understand the need, procedure, accounting effects and treatment of Profit Prior to Incorporation of a Company.</p>	<p>The student will be able to understand the concept of a Company, the various terms related to a Limited company and the preparation of Company Accounts.</p> <p>The student will be able to understand the concept, understand the procedure involved and account for Redemption of Preference Shares.</p> <p>The student will be able to understand the concept, understand the procedure involved and account for Redemption of Debentures.</p> <p>The student will be able to understand the concept of Profit prior to Incorporation of a company and calculate the same.</p>
						UBCOMSSI V.2	COMMERCE - IV	<p>To understand the steps in production planning and control.</p> <p>To inculcate the different types of cost of quality</p> <p>To demonstrate the functions of stock exchange</p> <p>To understand the factors responsible for the growth of mutual funds</p> <p>To enable the learners to apply importance of micro finance in the actual life situation</p>	<p>The learner understand steps in production planning and control</p> <p>The learner appreciates the different types of cost of quality</p> <p>The learner demonstrates the functions of stock exchange by attending lectures organized at Bombay Stock Exchange</p> <p>The learner understand the factors relevance for the growth of mutual funds</p> <p>The learner applies the importance of micro finance in the actual life situation</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF COMMERCE		To provide through knowledge of the Commerce subjects. To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the Commerce subjects. The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - IV	UBCOMSSI V.3	BUSINESS ECONOMICS - IV	<p>To define public finance and making of the union budget</p> <p>To identify various sources of income to the government</p> <p>To classify government spending and to evaluate the reason for increase in it</p> <p>To analyze the direct and indirect burden of public debt</p>	<p>The learners can read and interpret the annual union budget and debate on pros and cons of it from various points of views.</p> <p>The learners distinguish between direct and indirect taxes and also between tax and non-tax revenues.</p> <p>The learners categorizes government spending into developmental and non-developmental categories</p> <p>The learners explain the burden of public debt.</p> <p>The learners inculcate financial discipline</p>
					UBCOMSSI V.4	BUSINESS LAW - II	<p>To help the students to understand from The Companies Act, 2013, the concepts and features of companies, Roles, Duties & Liabilities of Promoters, Classification of Companies, Pre & Post-incorporation stages, Lifting of Corporate Veil, Memorandum of Association & Articles of Association, Common procedure for Incorporation of Company, Prospectus and Private Placement.</p> <p>To help the students to understand the various provisions related to Member of a Company, Modes of Acquiring & Cessation of Membership, Rules regarding Director, Qualification & Disqualification, Legal position of Director. Legal provisions relating to Company Meetings i.e. Annual General Meeting, Extra-ordinary General Meeting, Board Meeting.</p> <p>To help the students to understand the nuance of The Partnership Act, 1932, Concepts, Essentials, True Test of Partnership, Types, Rights & Duties. Modes & Consequences of Dissolution of Partnership. Concepts, Characteristics of LL.P. under Limited Liability Partnership Act, 2008.</p> <p>To make the students understand the object and significance of the Consumer Protection Act, 1986, Concepts, Consumer Dispute, Complaint, Defect, Deficiency, Unfair Trade Practices, Redressal Agencies. Salient Features and Objects of Competition Act, 2002.</p> <p>To make the students understand various provisions related to Intellectual Property Rights. Concepts, Objectives & Rules relating to Patents Act, 1970, Copyright Act, 1957 & Trade Marks Act, 1999.</p>	<p>Students would learn the basics of Laws governing a Company, concepts and features of companies, Roles, Duties & Liabilities of Promoters, Classification of Companies, Pre & Post-incorporation stages, Lifting of Corporate Veil, Memorandum of Association & Articles of Association, Common procedure for Incorporation of Company, Prospectus and Private Placement.</p> <p>Students would learn various provisions related to Member of a Company, Modes of Acquiring & Cessation of Membership, Rules regarding Director, Qualification & Disqualification, and Legal position of Director. Directors Identity Number. Legal provisions relating to Company Meetings i.e. Annual General Meeting, Extra-ordinary General Meeting, Board Meeting.</p> <p>Students would learn the rules regarding The Partnership Act, 1932, Concepts, Essentials, True Test of Partnership, Types, Rights & Duties. Modes & Consequences of Dissolution of Partnership. Concepts, Characteristics of LL.P. under Limited Liability Partnership Act, 2008.</p> <p>Students would learn the rules regarding the Consumer Protection Act, 1986, Concepts, Consumer Dispute, Complaint, Defect, Deficiency, Unfair Trade Practices, Redressal Agencies. Salient Features and Objects of Competition Act, 2002, the concepts of Anticompetitive Agreements, Abuse of Dominant Position & Competition Commission.</p> <p>Students would learn various provisions related to Intellectual Property Rights. Concepts, Objectives & Rules relating to Patents Act, 1970, Copyright Act, 1957 & Trade Marks Act, 1999. Applicability, Duration, Registrations Procedures.</p>
					UBCOMSSI V.5	ADVERTISING - II	<p>To identify the various media options available for advertisers as also the New age Media Options.</p> <p>To analyse the factors determining ad budget and Media Objectives.</p> <p>To explain the learner the role of creativity in advertising, concepts like Buying Motives and selling points.</p> <p>To motivate the learner study the techniques of execution and Evaluation of Advertising in terms of Copywriting, illustration and Copywriting.</p> <p>To ensure that the learners evaluates the various Pre-test and Post test methods of testing ad effectiveness.</p> <p>To enable the learner to evaluate the various Pre test and Post test methods of testing ad effectiveness.</p>	<p>The student acquainted with the various media options available for advertisers as also the New Age media options.</p> <p>The students get to analyze the factors determining ad budget and Media Objectives.</p> <p>The Learners understands the role of creativity in advertising, concepts like Buying Motives and Selling Points.</p> <p>The learners studies the techniques of Execution and Evaluation of advertising in terms of Copywriting, Illustration .</p> <p>The learners evaluates the various Pre-test and post- test methods of testing ad effectiveness.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UBCOMSSI V.6	TRAVEL AND TOURISM	<p>To familiarize students with planning, organizing and marketing in Tourism Industry</p> <p>To inculcate knowledge among learners' operations of travel agencies</p> <p>To understand the various tourism organization working at regional, national and international level</p> <p>To inform students about tourism policy in Maharashtra State</p> <p>To inform students the various operations under Travel and Tourism Industry to enable them to consider it as a career option.</p>	<p>The learners understands the about the planning, organizing and marketing Tourism Industry</p> <p>The learner develops awareness about the various aspects linked to operations of travel agencies</p> <p>The learner gains an insight about the tourism organization working at regional, national and international level</p> <p>The learner is able to understand the formulation of tourism policy in Maharashtra State</p> <p>The learner gains a better understanding of skills required for involvement in Travel and Tourism Industry</p>
					UBCOMSSI V.7	FINANCIAL ACCOUNTING AND AUDITING	<p>To define and develop the basic understanding of auditing.</p> <p>To discuss and explain the objectives, importance and the process of audit planning, preparation of an audit program and audit working papers.</p> <p>To explain and distinguish the various auditing techniques and the basic concepts related to internal auditing.</p> <p>To explain and illustrate the auditing techniques of vouching and verification in detail.</p>	<p>The student will be able to understand the basic terms and concepts related to auditing.</p> <p>The student will be able to understand the purpose, objectives and importance of planning an audit. They should also be able to understand the contents of audit working papers along with the factors to be kept in mind while preparing the audit program.</p> <p>The student will be able to understand various concepts related to auditing techniques like audit sampling, test check, materiality as well as understand the basic concepts related to internal audit.</p> <p>The student will be able to understand the auditing technique of vouching of various transactions in relation to incomes, expenses etc. and auditing technique of verification as regards balance sheet items.</p>
					UBCOMTS V.4	COMMERCE-V(MARKETING & HUMAN RES, MGNT)	<p>To study the concepts, functions and processes of marketing</p> <p>To understand the decision-making aspects in the elements of marketing namely Product, Price, Place and Promotion of goods and services.</p> <p>To learn key marketing strategies and tools to solve the marketing problems keeping customer as the centre of business.</p> <p>To evaluate the current marketing dimensions such as digital marketing, green marketing, and ethical concerns and other challenges in marketing.</p>	<p>Students become aware of the various concepts, functions and elements of marketing.</p> <p>Students learn the strategies in decision-making areas viz, product, price, place and promotion.</p> <p>Students can apply the marketing processes such as marketing research, market segmentation and understanding consumer behaviour for effective marketing.</p> <p>Students develop creative solutions to marketing challenges in the Indian context.</p> <p>Students become confident to select marketing as a career.</p>
					UBCOMTS V.5	BUSINESS ECONOMICS-V	<p>To enable students to analyze the functioning of the Indian Economy with respect to Social infrastructure, Sustainable Development and Foreign Investment.</p> <p>To help students to study the National Agricultural Policy and other features of the agricultural sector</p> <p>To make the students aware about the various reforms in Industrial and Service sector.</p> <p>To orient the students with recent trends, issues and challenges in Banking sector and Financial markets</p>	<p>Students would understand the impact of the New Economic Policy and the different policy measures for Sustainable Development and Foreign Investment.</p> <p>Students would understand the role of agriculture and the problems associated with the sector.</p> <p>Students would be aware of the recent trends, role and growth of the Secondary and Tertiary sector.</p> <p>Students would learn about the Structure, Growth and Reforms in Financial Markets</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF COMMERCE		To provide through knowledge of the Commerce subjects. To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the Commerce subjects. The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - V	UBCOMTS V.1	FINANCIAL ACCOUNTING	<p>To discuss and describe about the fundamentals of accounting for corporate restructuring (external).</p> <p>To construct and create a knowledge of fundamentals of accounting for transactions in foreign currency.</p> <p>To explain and develop the understanding of fundamentals of accounting for liquidation of corporate entity.</p> <p>To define and formulate the fundamentals of accounting for underwriting of securities.</p> <p>To explain and illustrate the fundamentals of preparation of financial statements of a Limited Liability Partnership.</p>	<p>The student will be able to account for external restructuring of a corporate entity.</p> <p>The student will be able to account for transactions in foreign currency.</p> <p>The student will be able to account for liquidation of a corporate entity.</p> <p>The student will be able to account for underwriting of securities.</p> <p>The student will be able to prepare financial statements of a Limited Liability Partnership.</p>
					UBCOMTS V.2	COST ACCOUNTING	<p>To discuss the various cost accounting concepts and system</p> <p>To understand the application of EOQ and the methods of pricing for issue of materials</p> <p>To describe the time rate method, piece rate method & incentive plans</p> <p>To inculcate the knowledge of allocation and apportionment of overheads</p> <p>To understand the preparation of cost sheet</p> <p>To discuss the concept of reconciliation</p>	<p>The learner will be able to understand the concepts of costing and cost accounting system</p> <p>The learner will be able to prepare and solve problems based on EOQ and FIFO & Weighted Average methods in issue of materials</p> <p>The learner will be able to solve the problems relating to labour turnover with respect to Piece Rate, Time Rate and Various Incentives Plan</p> <p>The learner will be able to apply the allocation and apportionment of overheads by doing simple problems</p> <p>The learner will be able to prepare cost sheet by adopting the standard format</p> <p>The learner will be able to apply the procedure in preparing the reconciliation statement</p>
					UBCOMTS V.6	DIRECT AND INDIRECT TAXES	<p>To discuss the basic concepts, definitions and terms related to direct taxation.</p> <p>To explain the concept of residential status and the scope of total income for assessee's with different kinds of residential status.</p> <p>To explain the various heads under which income can be earned in India.</p> <p>To classify the various incomes under various heads namely income from salaries, house property, business/ profession, capital gains and income from other sources and thereby compute Gross Total Income.</p> <p>To explain the various deductions under Chapter VI-A of the Income tax act, 1961.</p> <p>To determine the Net Taxable Total Income of an assessee after reducing the deductions from the Gross Total Income earned from all or either of the five heads of income.</p>	<p>The student will be able to identify the technical terms related to direct taxation.</p> <p>The student will be able to determine the residential status of an assessee and compute the taxable income of assessee with different residential status.</p> <p>The student will be able to understand various heads under which income can be earned in India.</p> <p>The student will be able to classify the various incomes under various heads namely income from salaries, house property, business/ profession, capital gains and income from other sources and thereby compute Gross Total Income.</p> <p>The student will be able to understand the various benefits/ deductions under Chapter VI-A of the Income tax act, 1961 which are to be reduced from the Gross Total Income of the assessee.</p> <p>The student will be able to compute the Net Taxable Total Income of an individual assessee considering the income from all heads of income and the deductions under Chapter VI- A of the Income tax act, 1961.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UBCOMTS V.7	EXPORT MARKETING	<p>To provide you with an overview of export marketing.</p> <p>To understand the meaning of export marketing.</p> <p>To understand trade barriers, Economic groupings of the world</p> <p>To Highlights and implications of foreign trade Policy.</p> <p>To know the various Incentives and assistance available from the government.</p>	<p>Understand basics of Export marketing, prospects and challenges of export marketing is India direction of India's export trade since 2010 and composition of India's exports since 2010.</p> <p>Study Influence of trade barriers, Implications of WTO agreement, selection of foreign markets and method of entry in foreign markets, Important components of logistics export marketing.</p> <p>Study the EXIM Policy 2015-2020. Facilitations and ease of doing business as per the new FTP.</p> <p>Understand the various financial incentives available to Indian Exporters, to know the institutional assistance to Indian Exporters as well as various schemes available for the exporters.</p>
					UBCOMTS V 6.2	COMPUTER SYSTEM AND APPLICATION - I	<p>To develop the skill of learners required in learning computers and its application.</p> <p>To enhance the knowledge of learners in learning computing part using different software.</p> <p>To make understand the learners about analyzing the different coding languages.</p> <p>To enable learners to observe and use different application of computers and its systems in the future.</p> <p>To allow learners to develop and enhance the computer basic skills.</p>	<p>Learner will be able to handle computers and all its applications including hardware and Software.</p> <p>Learner will develop a skill of computing using different software.</p> <p>Learner will develop Categorizing and differentiation skill between different codes, syntax and commands.</p> <p>Learner will learn and retrieve highlight keywords in the Computers and its applications.</p> <p>Leading career in computers hardware and software.</p>
					UBCOMTS VI 6.2	COMPUTER SYSTEM AND APPLICATION - II	<p>To develop the skill of learners required in learning computers and its application.</p> <p>To enhance the knowledge of learners in learning computing part using different software.</p> <p>To make understand the learners about analyzing the different coding languages.</p> <p>To enable learners to observe and use different application of computers and its systems in the future.</p> <p>To allow learners to develop and enhance the computer basic skills.</p>	<p>Learner will be able to handle computers and all its applications including hardware and Software.</p> <p>Learner will develop a skill of computing using different software.</p> <p>Learner will develop Categorizing and differentiation skill between different codes, syntax and commands.</p> <p>Learner will learn and retrieve highlight keywords in the Computers and its applications.</p> <p>Leading career in computers hardware and software.</p>
					UBCOMTS VI.1	FINANCIAL ACCOUNTING	<p>To discuss and describe about the fundamentals of accounting for corporate restructuring (external).</p> <p>To construct and create a knowledge of fundamentals of accounting for transactions in foreign currency.</p> <p>To explain and develop the understanding of fundamentals of accounting for liquidation of corporate entity.</p> <p>To define and formulate the fundamentals of accounting for underwriting of securities.</p> <p>To explain and illustrate the fundamentals of preparation of financial statements of a Limited Liability Partnership.</p>	<p>The student will be able to account for external restructuring of a corporate entity.</p> <p>The student will be able to account for transactions in foreign currency.</p> <p>The student will be able to account for liquidation of a corporate entity.</p> <p>The student will be able to account for underwriting of securities.</p> <p>The student will be able to prepare financial statements of a Limited Liability Partnership.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF COMMERCE		To provide through knowledge of the Commerce subjects. To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the Commerce subjects. The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - VI	UBCOMTS VI.2	COST ACCOUNTING	<p>To understand the concept and important of Cost Control Accounts</p> <p>To inculcate the knowledge of contract costing</p> <p>To discuss the concept of marginal cost</p> <p>To describe the concept of process costing</p> <p>To know the application of variance analysis</p>	<p>The learner will be able to understand the important of Cost Control Accounts by solving problems.</p> <p>The learner will be able to understand the concept of contract accounting by solving problems</p> <p>The learner will be able to understand the concept of process costing by solving problems.</p> <p>The learner will be able to understand the concept of variance analysis by solving problems</p> <p>The learner will be able to understand the concept of marginal costing by solving problems</p>
					UBCOMTS VI.4	COMMERCE-V(MARKETING AND HUMAN RES, MGNT)	<p>To study the concepts, functions and processes of human resource management.</p> <p>To understand the various HRD tools and techniques such as training, performance appraisal and career planning.</p> <p>To learn the HR strategies and theories on leadership and motivation to create and maintain better relation among employees.</p> <p>To evaluate the current trends and challenges in the changing HR environment.</p>	<p>Students know the concepts, functions and processes of human resource management.</p> <p>Students understand the various HRD tools and techniques such as training, performance appraisal, career planning and succession planning.</p> <p>Students learn the HR strategies and theories on leadership and motivation to create and maintain better relation among employees.</p> <p>Students develop ability to handle employees and select solutions to face the challenges in the changing HR environment.</p> <p>Students become confident to select HRM as a prospective career.</p>
					UBCOMTS VI.5	BUSINESS ECONOMICS-VI	<p>To introduce the students to the various theories of International Trade.</p> <p>To orient students on Commercial Trade policies and various barriers to Free Trade.</p> <p>To make students aware of the structure and importance of Balance of Payment and the purpose of WTO.</p> <p>To equip students with the role of Central Bank in Foreign Exchange Rate Management and the determination of Exchange Rate.</p>	<p>Students would learn about the Terms of Trade and Gains form International Trade.</p> <p>Students would learn the importance of Economic Integration using case studies.</p> <p>Students would be aware of the ways to correct Balance of Payment disequilibrium and the recent developments in WTO.</p> <p>Students would be made aware of the different functions of Foreign Exchange Market and the various theories such as arbitrage, Purchasing Power Parity, etc</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UBCOMTS VI.6	DIRECT AND INDIRECT TAXES	<p>To discuss the basic concepts, definitions and terms related to Goods and Service tax (GST).</p> <p>To discuss the concept of forward charge mechanism, reverse charge mechanism, composite supply, mixed supply and various exemptions under the Goods and Service tax regime.</p> <p>To explain the concept of supply with the rules related to time, place and value of supply.</p> <p>To describe the compliance related to documentation under the Goods and Service Tax regime.</p> <p>To compute the Goods and Service Tax (GST) payable by a supplier after considering the eligible input tax credit.</p> <p>To identify the persons liable for registration and the persons not required to obtain registration under the GST law.</p>	<p>The student will be able to understand various terms related to Goods and Service tax (GST).</p> <p>The student will be able to differentiate between forward charge and reverse charge mechanism as well as between composite and mixed supply.</p> <p>The student will be able to determine the time, place and value of supply.</p> <p>The student will have knowledge pertaining to contents and format for various documents like tax invoice, bill of supply, debit note, credit note etc.</p> <p>The student will be able to compute the amount of CGST, SGST and IGST payable after considering the eligible input tax credit.</p> <p>The student will be able to determine whether a person is required to obtain registration under GST law.</p>
					UBCOMTS VI.7	EXPORT MARKETING	<p>To understand the Product Planning, development of branding and Packaging.</p> <p>To study the distribution and Promotion of Export Channels, conducting trade fairs and exhibitions.</p> <p>Export finance is needed to cover the gap between when an exporter is able to turn inventory and trade receivables. To Cover commercial and Non-commercial or political risks attendant on granting credit to a foreign buyer.</p> <p>The Objective of the course is to make students learn the complete mechanism of export and various documents required for exports.</p>	<p>Study Product Planning and development of Branding, fixing pricing for export.</p> <p>Understand various distribution channels and promotion</p> <p>Learn various sources of getting finance from different financial institution.</p> <p>Learning to prepare various documents and procedure to complete the export formalities.</p>
					USPH101	PHYSICS PAPER I	<p>To understand Newton's laws and apply them in calculations of the motion of simple systems.</p> <p>To use the free body diagrams to analyze the forces on the object.</p> <p>To understand the concepts of friction and the concepts of elasticity, fluid mechanics and be able to perform calculations using them.</p> <p>To understand the concepts of lens system and interference.</p> <p>To Apply the laws of thermodynamics to formulate the relations necessary to analyze athermodynamic process.</p>	<p>The learner understands Newton's laws and apply them in calculations of the motion of simple systems.</p> <p>The learner Uses the free body diagrams to analyze the forces on an object.</p> <p>The learner understand the concepts of friction and the concepts of elasticity, fluid mechanics and be able to perform calculations using them.</p> <p>The learner comprehends the concepts of lens system and interference.</p> <p>The learner is able to apply the laws of thermodynamics to formulate the relations necessary to analyze a thermodynamic process.</p>
					USPH102	PHYSICS PAPER II	<p>To understand nuclear properties and nuclear behavior.</p> <p>To understand the type isotopes and their applications.</p> <p>To demonstrate and understand the quantum mechanical concepts.</p>	<p>The learner understands nuclear properties and nuclear behavior.</p> <p>The learner understands the type isotopes and their applications.</p> <p>The learners demonstrate and understand the quantum mechanical concepts.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF SCIENCE		To provide through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - I	USPHP1	PHYSICS PRACTICAL	<p>To demonstrate their practical skills.</p> <p>To understand and practice the skills while doing physics practical.</p> <p>To understand the use of apparatus and their use without fear.</p> <p>To correlate their physics theory concepts through practical.</p> <p>Understand the concepts of errors and their estimation.</p>	<p>Development of practical skills.</p> <p>The learner understands and practices the skills while doing physics practical.</p> <p>The learners understand the use of apparatus and their use without fear.</p> <p>The learners correlate their physics theory concepts through practical.</p> <p>The learner Understands the concepts of errors and their estimation.</p>
					USCH101	CHEMISTRY PAPER I	<p>To make the students have a firm foundation in the fundamentals of chemical and scientific theories in Physical, Inorganic and Organic chemistry</p> <p>To make learner understand the basic concepts of system, surrounding, thermodynamic properties, functions, law of thermodynamics and introduction of thermochemistry</p> <p>To allow the learner to deal with quantitative aspects of chemistry</p> <p>To introduce the concepts of periodic table, periodicity of elements and their properties, effective nuclear charge, Slaters rule to the learner.</p> <p>To familiarize the learner with the system of IUPAC nomenclature for organic compounds</p> <p>To introduce the concept of hybridization w.r.t. carbon, nitrogen and oxygen in organic compounds.</p>	The student will apply the concepts of chemical and scientific theories in Physical, Inorganic and Organic chemistry to solve problems.
					USCH102	CHEMISTRY PAPER -II	<p>To make learner understand the basic concepts of system, surrounding, thermodynamic properties, functions, law of thermodynamics and introduction of thermochemistry</p> <p>To allow the learner to deal with quantitative aspects of chemistry</p> <p>To introduce the concepts of periodic table, periodicity of elements and their properties, effective nuclear charge, Slaters rule to the learner.</p> <p>To familiarize the learner with the system of IUPAC nomenclature for organic compounds</p> <p>To introduce the concept of hybridization w.r.t. carbon, nitrogen and oxygen in organic compounds.</p>	The student will apply the concepts of chemical and scientific theories in Physical, Inorganic and Organic chemistry to solve problems.
					USCHP1	CHEMISTRY PRACTICAL	To learn various non-instrumental techniques used for qualitative and quantitative analysis of chemical compounds in the laboratory.	The student will recognize potential laboratory safety concerns and address them using appropriate techniques. Student will present the results, develop conclusions, and label relevance of the scientific experiments
					USMT101	MATHEMATICS PAPER I	<p>To understand the graphs of basic functions</p> <p>To understand the analytical behaviour of functions</p> <p>To give them an insight on application of differential calculus in industries</p>	This course gives introduction to basic concepts of Analysis with rigor and prepares students to study further courses in Analysis. Formal proofs are given lot of emphasis in this course which also enhances understanding of the subject of Mathematics as a whole. The portion on first order, first degree differential equations prepare learner to get solutions of many kinds of problems in all subjects of science and also prepares learner for further studies of differential equations and related fields.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USMT102	MATHEMATICS PAPER II	<p>Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study.</p> <p>Ability to analyze a problem, identify and define the computing requirements, which may be appropriate to its solution.</p> <p>Introduction to various courses like group theory, ring theory, field theory, metric spaces, number theory.</p> <p>Enhancing students overall development and to equip them with mathematical modeling, problem solving skills, creative talent and power of communication necessary for various kinds of employment.</p>	<p>The learner thinks in a critical manner.</p> <p>Evaluate, and effectively use that information for the issue or problem at hand.</p> <p>Formulate and develop mathematical arguments in a logical manner</p> <p>Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by the student from the given courses</p> <p>Understand, formulate and use quantitative models arising in social science, Business and other contexts.</p>
					USFC101	FOUNDATION COURSE-I	<p>To explain the pluralistic nature of Indian society through its demographic composition. To sensitize students about inequalities in the society, gender disparity and regional variations in India. To examine disparities due to the caste system that cause inter-group conflicts.</p> <p>To make the students know about the philosophy of the Indian Constitution, its structure and the fundamental duties of Indian citizens. To make students aware of the significant aspects of political processes in India, local self-government in urban and rural areas and the role of women in Indian politics.</p>	<p>Students will Have a better understanding of Indian society that is made up of multi-racial, multi-religious, multi-linguistic and multi-cultural groups.</p> <p>Be able to evaluate the factors that give rise to gender disparity.</p> <p>Be able to identify factors that give rise to inter-group conflicts and strategies that can help to reduce them. Understand the broad philosophy of the Indian Constitution and the provisions made in it enabling a strong foundation to become able citizens for the country</p> <p>Learn about the party system and the governance structure in rural and urban India and about the empowerment of women in India.</p>
					USBOT101	BOTANY PAPER I	<p>To understand the importance and diversity of algae</p> <p>Mode of nutrition & economic importance of fungi.</p> <p>Life cycle of primitive bryophytes & general characters of class Musci.</p>	<p>Learner will understand about Importance & diversity of algae.</p> <p>Mode of nutrition & economic importance of fungi.</p> <p>Life cycle of primitive bryophytes & general characters of class Musci.</p>
					USBOT102	BOTANY PAPER-II	<p>To summarize about cell as basic unit of life with emphasis on plant cell.</p> <p>Structure and function of Ecology and examples of different types of ecosystem.</p> <p>Principles of Epistasis as non Mendelian genetics and ability to solve problem simple problems based on Epistasis.</p>	<p>Learner will get the knowledge of: cell as basic unit of life with emphasis on plant cell.</p> <p>Structure and function of Ecology and examples of different types of ecosystem.</p> <p>Principles of Epistasis as non Mendelian genetics and ability to solve problem simple problems based on Epistasis.</p>
					USBOT201	BOTANY PAPER I	<p>To educate about Stellar evolution & life cycle of Nephrolepis.</p> <p>Systematic botany through morphological characters, types of inflorescence.</p> <p>Detail systematic position and life cycle of Cycas and its economic importance.</p>	<p>Learner will acquire knowledge about Stellar evolution & life cycle of Nephrolepis. Systematic botany through morphological characters, types of inflorescence. Detail systematic position and life cycle of Cycas and its economic importance.</p>
					USBOT202	BOTANY PAPER-II	<p>To learn about Basics of anatomy, Epidermal, mechanical & vascular tissue system, & structure of root, stem & leaves.</p> <p>Various pigments involved in photosynthesis, light dependent and light independent pathway of photosynthesis. C3, C4 and CAM pathway for carbon assimilation.</p> <p>Concept of Primary and secondary metabolites, active constituents found in common medicinal plants included in Grandma's Pouch.</p>	<p>Learner will gain knowledge about: Basics of anatomy, Epidermal, mechanical & vascular tissue system, & structure of root, stem & leaves.</p> <p>Various pigments involved in photosynthesis, light dependent and light independent pathway of photosynthesis. C3, C4 and CAM pathway for carbon assimilation.</p> <p>Concept of Primary and secondary metabolites, active constituents found in common medicinal plants included in Grandma's Pouch.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF SCIENCE		To provide through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - II	USCH201	CHEMISTRY PAPER I	<p>To make the students have a firm foundation in the fundamentals of chemical and scientific theories in Physical, Inorganic and Organic chemistry</p> <p>To make learner understand the basic concepts of system, surrounding, thermodynamic properties, functions, law of thermodynamics and introduction of thermochemistry</p> <p>To allow the learner to deal with quantitative aspects of chemistry</p> <p>To introduce the concepts of periodic table, periodicity of elements and their properties, effective nuclear charge, Slaters rule to the learner.</p> <p>To familiarize the learner with the system of IUPAC nomenclature for organic compounds</p> <p>To introduce the concept of hybridization w.r.t. carbon, nitrogen and oxygen in organic compounds.</p>	The student will apply the concepts of chemical and scientific theories in Physical, Inorganic and Organic chemistry to solve problems.
					USCH202	CHEMISTRY PAPER -II	<p>To make the students have a firm foundation in the fundamentals of chemical and scientific theories in Physical, Inorganic and Organic chemistry</p> <p>To make learner understand the basic concepts of system, surrounding, thermodynamic properties, functions, law of thermodynamics and introduction of thermochemistry</p> <p>To allow the learner to deal with quantitative aspects of chemistry</p> <p>To introduce the concepts of periodic table, periodicity of elements and their properties, effective nuclear charge, Slaters rule to the learner.</p> <p>To familiarize the learner with the system of IUPAC nomenclature for organic compounds</p> <p>To introduce the concept of hybridization w.r.t. carbon, nitrogen and oxygen in organic compounds.</p>	The student will apply the concepts of chemical and scientific theories in Physical, Inorganic and Organic chemistry to solve problems.
					USCHP2	CHEMISTRY PRACTICAL	To learn various non-instrumental techniques used for qualitative and quantitative analysis of chemical compounds in the laboratory.	The student will recognize potential laboratory safety concerns and address them using appropriate techniques. Student will present the results, develop conclusions, and label relevance of the scientific experiments
					USFC201	FOUNDATION COURSE-I	<p>Understanding the various concepts of Production and production functions</p> <p>Understanding microeconomic principles of costs and revenue</p> <p>Understanding the theory of productivity and distribution</p> <p>Studying markets in detail and understanding their equilibrium conditions.</p>	<p>Concept of production and production function.</p> <p>Laws related to short term and long term production function.</p> <p>Different concepts of cost and revenue</p> <p>Have an idea of different curves and their shapes in long run and short run</p> <p>Concept of Marginal productivity and its theory</p> <p>Different theories given by various economists on factor payments like rent, wages, interest and profit. Concept of equilibrium and their approaches</p> <p>Features of different market structures.</p> <p>Equilibrium conditions in different market structure.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USMT201	MATHEMATICS PAPER I	To understand the graphs of basic functions To understand the analytical behaviour of functions To give them an insight on application of differential calculus in industries	This course gives introduction to basic concepts of Analysis with rigor and prepares students to study further courses in Analysis. Formal proofs are given lot of emphasis in this course which also enhances understanding of the subject of Mathematics as a whole. The portion on first order, first degree differential equations prepare learner to get solutions of many kinds of problems in all subjects of science and also prepares learner for further studies of differential equations and related fields.
					USMT202	MATHEMATICS PAPER II	To understand the graphs of basic functions To understand the analytical behaviour of functions To give them an insight on application of differential calculus in industries	This course gives introduction to basic concepts of Analysis with rigor and prepares students to study further courses in Analysis. Formal proofs are given lot of emphasis in this course which also enhances understanding of the subject of Mathematics as a whole. The portion on first order, first degree differential equations prepare learner to get solutions of many kinds of problems in all subjects of science and also prepares learner for further studies of differential equations and related fields.
					USPH201	PHYSICS PAPER I	To understand the basic mathematical concepts and applications of them in physical situations. To demonstrate quantitative problem solving skills in all the topics covered.	The learner understands the basic mathematical concepts and applications of them in physical situations. The learner demonstrate quantitative problem solving skills in all the topics covered.
					USPH202	PHYSICS PAPER II	To learn the A.C. circuits To use circuits theorem to solve the problem	The learner understands the A.C. Circuits The learner able to use circuit theorems
					USPHP2	PHYSICS PRACTICAL	To understand and practise the skills while doing physics practical. To understand the use of apparatus and their use without fear. To correlate their physics theory concepts through practical. iv) To understand the concepts of errors and their estimation	The learner understands and practices the skills while doing physics practical. Learner understands the use of apparatus and their use without fear. The learner correlate their physics theory concepts through practical. iv) The learner understands the concepts of errors and their estimation
					USCH301	CHEMISTRY PAPER-I	To infuse in the learner a spirit of inquiry into the fundamental aspects of the various core areas of Chemistry. To make the learner proficient in analysing the various observations and chemical phenomena presented to him during the course. To make the learner capable of solving problems in the various units of this course To give the learner an opportunity to get hands on experience of the various concepts and processes in the various branches of chemistry	The learner will be proficient in analysing the various observations and chemical phenomenon. The student will solve problems in organic, inorganic, physical and analytical chemistry.
					USCH302	CHEMISTRY PAPER II	To infuse in the learner a spirit of inquiry into the fundamental aspects of the various core areas of Chemistry. To make the learner proficient in analysing the various observations and chemical phenomena presented to him during the course. To make the learner capable of solving problems in the various units of this course To give the learner an opportunity to get hands on experience of the various concepts and processes in the various branches of chemistry	The learner will be proficient in analysing the various observations and chemical phenomenon. The student will solve problems in organic, inorganic, physical and analytical chemistry.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF SCIENCE	To provide through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). To develop proficiency in the chosen subjects. To make	The learner acquires through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). The learner develops proficiency in the chosen subjects.	SEM - III	USCH303	CHEMISTRY PAPER III	To infuse in the learner a spirit of inquiry into the fundamental aspects of the various core areas of Chemistry. To make the learner proficient in analysing the various observations and chemical phenomena presented to him during the course. To make the learner capable of solving problems in the various units of this course To give the learner an opportunity to get hands on experience of the various concepts and processes in the various branches of chemistry	The learner will be proficient in analysing the various observations and chemical phenomenon. The student will solve problems in organic, inorganic, physical and analytical chemistry.	
				USPH301	PHYSICS PAPER I	Understand the concepts of mechanics & properties of matter & to apply them to problems. Comprehend the basic concepts of thermodynamics & its applications in physical situation. Learn about situations in low temperature.	Learner understands the concepts of mechanics & properties of matter & to apply them to problems. The learner understands the basic concepts of thermodynamics & its applications in physical situation. The learner understands the situations at low temperature.	
				USPH302	PHYSICS PAPER II	Understand the basic concepts of mathematical physics and their applications in physical situations. Understand the basic laws of electrodynamics and be able to perform calculations using them. Understand the basics of transistor biasing, operational amplifiers, their applications Understand the basic concepts of oscillators and be able to perform calculations using them.	The learner understands the basic concepts of mathematical physics and their applications in physical situations. The learner understands the basic laws of electrodynamics and be able to perform calculations using them. The learner understands the basics of transistor biasing, operational amplifiers, their applications The learner understands the basic concepts of oscillators and be able to perform calculations using them.	
				USPH303	PHYSICS PAPER -III	Students will appreciate the role of Physics in 'interdisciplinary areas related to materials and Acoustics etc. The learner will understand the scope of the subject in Industry & Research.	The Learner understands the role of Physics in 'interdisciplinary areas related to materials and Acoustics etc. The learner will understand the scope of the subject in Industry & Research.	
				USCHP3	CHEMISTRY PRACTICAL	To make the learner capable of analysing and interpreting results of the experiments he conducts or performs To impart various skills of handling chemicals, reagents, apparatus, instruments and the care and safety aspects involved in such handling	To make the learner capable of analysing and interpreting results of the experiments he conducts or performs The student will develop an understanding of handling chemicals, reagents, apparatus, instruments and the care and safety aspects involved in such handling	
				USFC301	FOUNDATION COURSE - II	To enable students learn situation of vulnerable groups and laws safeguarding their rights. To enable students learn the value of healthy environment and sustainable development To enable students developing and nurturing scientific temper. To enable students improve soft skills and preparation for competitive exams. To make students a responsible citizen.	Student learns situation of vulnerable groups and laws safeguarding their rights. Student learns the value of healthy environment and sustainable development Student develops and nurture scientific temper. Student improves soft skills and prepare for competitive exams. Student moves a step ahead towards becoming responsible citizen.	
				USBOT301	BOTANY PAPER I	To understand about Cryptogams - their general characters, structure, life cycle & economic importance. Floral morphology, general characteristics and importance of angiosperms. Techniques used to study Plant	The learner will able to understand about Cryptogams - their general characters, structure, life cycle & economic importance. Floral morphology, general characteristics and importance of angiosperms. Techniques used to study Plant	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
		To make learners job ready in the field of chosen subjects.	The learner gets a job in the field of chosen subjects.		USBOT302	BOTANY PAPER II	To gain knowledge about Structure and functions of various cell organelles and different aspects of cell cycle and cell division Mechanisms of sex determination Study the modes of DNA replication and protein synthesis.	The learner will get the knowledge of Structure and functions of various cell organelles and different aspects of cell cycle and cell division. Mechanisms of sex determination Study the modes of DNA replication and protein synthesis.
					USBOT303	BOTANY PAPER III	To summarize about Pharmacognosy and various secondary metabolites found in plants. Different types of forests in India and their economic importance. Applications of Aromatherapy & nutraceuticals.	The learner will summarize knowledge of Pharmacognosy and various secondary metabolites found in plants. Different types of forests in India and their economic importance. Applications of Aromatherapy & nutraceuticals.
					USMT301	MATHEMATICS I	Understand the concepts of mechanics & properties of matter & to apply them to problems. Comprehend the basic concepts of thermodynamics & its applications in physical situation. Learn about situations in low temperature.	Learner understands the concepts of mechanics & properties of matter & to apply them to problems. The learner understands the basic concepts of thermodynamics & its applications in physical situation. The learner understands the situations at low temperature.
					USMT302	MATHEMATICS II	To understand basic algebraic structure in mathematics starting with vector spaces To develop relation between linear transformations and matrices To inculcate non-natural ways of multiplying vectors and defining inner products To construct an orthonormal basis given any basis of an inner product spaces	Successful completion of this course will enable students to understand linear isomorphisms and apply Rank- Nullity theorem, find rank of matrix using elementary matrices and their relation with matrix units, understand relation between rank of a matrix and solution space of non-homogeneous system, understand relation between determinant of a matrix and permutations, also existence and uniqueness of the determinant. By the application of Cramer's rule, learners can find inverse of a matrix using adjoint of the matrix. find orthogonal basis of an inner product space using The Gram-Schmidt orthogonalization process prepares them to find orthogonal and hence orthonormal basis of an inner product space.
					USMT303	MATHEMATICS III	The overall goal of the field of numerical analysis is the design and analysis of techniques to give approximate but accurate solutions to hard problems. To creates, analyses, and implements algorithms for obtaining numerical solutions to problems involving continuous variables. Such problems arise throughout the natural sciences, social sciences, engineering, medicine, and business To investigates and provides accurate solutions to real-life problems from the field of science, engineering, biology, astrophysics and finance. To provide the numerical methods of solving the non-linear equations, interpolation, differentiation, and integration. To improve the student's skills in numerical methods by using the scientific calculator, numerical analysis software and computer facilities.	Derive numerical methods for various mathematical operations and tasks, such as interpolation, differentiation, integration, the solution of linear and nonlinear equations, and the solution of differential equations. Calculate and evaluate the accuracy of common numerical methods. Be able to perform basic computations in higher mathematics. Be able to read, write and understand basic proofs. Develop and maintain problem-solving skills. Be able to interpreting the calculation using scientific calculator and computer software. Provide a way to solve problems quickly and easily compared to analytic solutions.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USPHP3	PHYSICS PRACTICAL	Understand & practice the skills while performing experiments. Understand the use of apparatus and their use without fear & hesitation. Correlate the physics theory concepts to practical application. Understand the concept of errors and their estimation.	The learners understands & practice the skills while performing experiments. The learner understands the use of apparatus and their use without fear & hesitation. Correlate the physics theory concepts to practical application. Understand the concept of errors and their estimation.
					USBOT401	BOTANY PAPER I	To understand about Different Fungi - their general characters, structure, life cycle & pathogenicity. Basic features of Pteridophyta and Paleobotany. Gymnosperms-their distribution, life cycle & economic importance	The learner will acquire knowledge of Different Fungi - their general characters, structure, life cycle & pathogenicity. Basic features of Pteridophyta and Paleobotany. Gymnosperms-their distribution, life cycle & economic importance
					USBOT402	BOTANY PAPER II	To summarize about Mechanical tissues and secondary growth in plants. Various processes involved in respiration, Photorespiration & Photoperiodism Biogeochemical cycles and various ecological factors.	The learner will be able to study about Mechanical tissues and secondary growth in plants. Various processes involved in respiration, Photorespiration & Photoperiodism Biogeochemical cycles and various ecological factors.
					USBOT403	BOTANY PAPER III	To understand the Indoor gardening and various national parks and botanical gardens. Plant tissue culture and r-DNA technology. Biostatistics and Bioinformatics	The learner will get knowledge of Indoor gardening and various national parks and botanical gardens. Plant tissue culture and r-DNA technology. Biostatistics and Bioinformatics
					USCH401	CHEMISTRY PAPER-I	To infuse in the learner a spirit of inquiry into the fundamental aspects of the various core areas of Chemistry. To make the learner proficient in analysing the various observations and chemical phenomena presented to him during the course. To make the learner capable of solving problems in the various units of this course To give the learner an opportunity to get hands on experience of the various concepts and processes in the various branches of chemistry	The learner will be proficient in analysing the various observations and chemical phenomenon. The student will solve problems in organic, inorganic, physical and analytical chemistry.
					USCH402	CHEMISTRY PAPER II	To infuse in the learner a spirit of inquiry into the fundamental aspects of the various core areas of Chemistry. To make the learner proficient in analysing the various observations and chemical phenomena presented to him during the course. To make the learner capable of solving problems in the various units of this course To give the learner an opportunity to get hands on experience of the various concepts and processes in the various branches of chemistry	The learner will be proficient in analysing the various observations and chemical phenomenon. The student will solve problems in organic, inorganic, physical and analytical chemistry.
					USCH403	CHEMISTRY PAPER III	To infuse in the learner a spirit of inquiry into the fundamental aspects of the various core areas of Chemistry. To make the learner proficient in analysing the various observations and chemical phenomena presented to him during the course. To make the learner capable of solving problems in the various units of this course To give the learner an opportunity to get hands on experience of the various concepts and processes in the various branches of chemistry	The learner will be proficient in analysing the various observations and chemical phenomenon. The student will solve problems in organic, inorganic, physical and analytical chemistry.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	BACHELOR OF SCIENCE	To provide through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEM - IV	USCHP4	CHEMISTRY PRACTICAL	To make the learner capable of analysing and interpreting results of the experiments he conducts or performs To impart various skills of handling chemicals, reagents, apparatus, instruments and the care and safety aspects involved in such handling	To make the learner capable of analysing and interpreting results of the experiments he conducts or performs The student will develop an understanding of handling chemicals, reagents, apparatus, instruments and the care and safety aspects involved in such handling
USFC401					FOUNDATION COURSE II	To enable students learn situation of vulnerable groups and laws safeguarding their rights. To enable students learn the value of healthy environment and sustainable development To enable students developing and nurturing scientific temper. To enable students improve soft skills and preparation for competitive exams. To make students a responsible citizen.	Student learns situation of vulnerable groups and laws safeguarding their rights. Student learns the value of healthy environment and sustainable development Student develops and nurture scientific temper. Student improves soft skills and prepare for competitive exams. Student moves a step ahead towards becoming responsible citizen.	
USMT401					MATHEMATICS PAPER I	Understand the concepts of mechanics & properties of matter & to apply them to problems. Comprehend the basic concepts of thermodynamics & its applications in physical situation. Learn about situations in low temperature.	Learner understands the concepts of mechanics & properties of matter & to apply them to problems. The learner understands the basic concepts of thermodynamics & its applications in physical situation. The learner understands the situations at low temperature.	
USMT402					MATHEMATICS PAPER II	To understand basic algebraic structure in mathematics starting with vector spaces To develop relation between linear transformations and matrices To inculcate non-natural ways of multiplying vectors and defining inner products To construct an orthonormal basis given any basis of an inner product spaces	Successful completion of this course will enable students to understand linear isomorphisms and apply Rank- Nullity theorem, find rank of matrix using elementary matrices and their relation with matrix units, understand relation between rank of a matrix and solution space of non-homogeneous system, understand relation between determinant of a matrix and permutations, also existence and uniqueness of the determinant. By the application of Cramer's rule, learners can find inverse of a matrix using adjoint of the matrix. find orthogonal basis of an inner product space using The Gram-Schmidt orthogonalization process prepares them to find orthogonal and hence orthonormal basis of an inner product space.	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USMT403	MATHEMATICS PAPER III	<p>The overall goal of the field of numerical analysis is the design and analysis of techniques to give approximate but accurate solutions to hard problems.</p> <p>To create, analyse, and implement algorithms for obtaining numerical solutions to problems involving continuous variables. Such problems arise throughout the natural sciences, social sciences, engineering, medicine, and business</p> <p>To investigate and provide accurate solutions to real-life problems from the field of science, engineering, biology, astrophysics and finance.</p> <p>To provide the numerical methods of solving the non-linear equations, interpolation, differentiation, and integration.</p> <p>To improve the student's skills in numerical methods by using the scientific calculator, numerical analysis software and computer facilities.</p>	<p>Derive numerical methods for various mathematical operations and tasks, such as interpolation, differentiation, integration, the solution of linear and nonlinear equations, and the solution of differential equations.</p> <p>Calculate and evaluate the accuracy of common numerical methods.</p> <p>Be able to perform basic computations in higher mathematics.</p> <p>Be able to read, write and understand basic proofs.</p> <p>Develop and maintain problem-solving skills.</p> <p>Be able to interpret the calculation using scientific calculator and computer software.</p> <p>Provide a way to solve problems quickly and easily compared to analytic solutions.</p>
					USPH401	PHYSICS PAPER I	<p>Understand the diffraction and polarization processes and applications of them in physical situations.</p> <p>1) Understand the applications of interference in design and working of interferometers.</p> <p>2) Understand the resolving power of different optical instruments.</p> <p>3) Understand the working of digital circuits</p> <p>4) Use IC 555 timer for various timing applications.</p>	<p>The learner understands the diffraction and polarization processes and applications of them in physical situations.</p> <p>The learner understands the applications of interference in design and working of interferometers.</p> <p>The learner understands the resolving power of different optical instruments.</p> <p>The learner understands the working of digital circuits</p> <p>1) The learner understands the use of IC 555 timer for various timing applications.</p>
					USPH402	PHYSICS PAPER II	<p>Understand the postulates of quantum mechanics and to understand its importance in explaining significant phenomena in Physics.</p>	<p>The learner understands the postulates of quantum mechanics and to understand its importance in explaining significant phenomena in Physics.</p>
					USPH403	PHYSICS PAPER -III	<p>Understand the concepts of mechanics & properties of matter & to apply them to problems.</p> <p>Comprehend the basic concepts of thermodynamics & its applications in physical situation.</p> <p>Learn about situations in low temperature.</p> <p>Demonstrate tentative problem solving skills in all above areas.</p>	<p>The learner understands the concepts of mechanics & properties of matter & to apply them to problems.</p> <p>The learner comprehends the basic concepts of thermodynamics & its applications in physical situation.</p> <p>Learn about situations in low temperature.</p> <p>Demonstrate tentative problem solving skills in all above areas.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
US00145					USPHP4	PHYSICS PRACTICAL	<p>All the measurements and readings should be written with proper units in SI system only. After completing all the required number of experiments in the semester and recording them in journal, student will have to get their journal certified and produce the certified journal at the time of practical examination.</p> <p>While evaluating practical, weight age should be given to circuit/ray diagram, observations, tabular representation, experimental skills and procedure, graph, calculation and result. Skill of doing the experiment and understanding physics concepts should be more important than the accuracy of final result.</p>	<p>All the measurements and readings should be written with proper units in SI system only. After completing all the Required number of experiments in the semester and recording them in journal, student will have to get their journal certified and produce the certified journal at the time of practical examination.</p> <p>While evaluating practical, weight age should be given to circuit/ray diagram, observations, tabular representation, experimental skills and procedure, graph, calculation and result. Skill of doing the experiment and understanding physics concepts should be more important than the accuracy of final result.</p>
					USMT501	MATHEMATICS PAPER 2	<p>To use integration and evaluate various physical quantities</p> <p>To understand and link lower dimension integrals to higher dimension integrals</p> <p>To know the behaviour of smooth surfaces and Mobius transformation</p>	<p>This course is an extension of Integral calculus introduced in the previous semester. In this course, students are introduced to Integral Calculus of several variables. They should be enabled to understand the concept of Riemann integral on a rectangle and a box, apply Fubini's theorem for computation of integrals, compute physical quantities like area, volume, the centre of mass using integrals. The learners will be able to understand the concept of parametric curve and surface, and their differences, compute line and surface integrals, study the correlation between various integrals through Greens, Stokes and Gauss theorems.</p>
					USMT503	MATHEMATICS PAPER 3	<p>Give the learner a sufficient knowledge of fundamental principles, methods and a clear perception of in numerous power of mathematical ideas, tools and know how to use them by solving and interpreting.</p> <p>Give learners the knowledge of broad nature of the subject.</p> <p>To equip learners with mathematical modeling, abilities and problem-solving skills.</p> <p>To give learners the idea of creative talent and power of communication necessary in the field of mathematics.</p> <p>To give learner the exposure of the field locally as well as globally.</p>	<p>Learners apply discrete mathematics concepts to practical applications such as those in computer science.</p> <p>They can use concepts and tools of differential and integral calculus to solve real-life applications.</p> <p>They can create and develop software applications using a systematic approach.</p> <p>The course also aims to provide students with sufficient knowledge to enable them to pursue further studies in advanced computer science and computational mathematics.</p>
					USMT502	MATHEMATICS-ALGEBRA	<p>To use integration and evaluate various physical quantities</p> <p>To understand and link lower dimension integrals to higher dimension integrals</p> <p>To know the behaviour of smooth surfaces and Mobius transformation</p>	<p>This course is an extension of Integral calculus introduced in the previous semester. In this course, students are introduced to Integral Calculus of several variables. They should be enabled to understand the concept of Riemann integral on a rectangle and a box, apply Fubini's theorem for computation of integrals, computer physical quantities like area, volume, the centre of mass using integrals. The learners will be able to understand the concept of parametric curve and surface, and their differences, compute line and surface integrals, study the correlation between various integrals through Greens, Stokes and Gauss theorems.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USMTP05	PRACTICAL OF USMT501 & USMT502	<p>To use integration and evaluate various physical quantities</p> <p>To understand and link lower dimension integrals to higher dimension integrals</p> <p>To know the behaviour of smooth surfaces and Mobius transformation</p>	<p>This course is an extension of Integral calculus introduced in the previous semester. In this course, students are introduced to Integral Calculus of several variables. They should be enabled to understand the concept of Riemann integral on a rectangle and a box, apply Fubini's theorem for computation of integrals, compute physical quantities like area, volume, the centre of mass using integrals. The learners will be able to understand the concept of parametric curve and surface, and their differences, compute line and surface integrals, study the correlation between various integrals through Greens, Stokes and Gauss theorems.</p>
					USMT503	TOPOLOGY OF MATRIC SPACES I	<p>Give the learner a sufficient knowledge of fundamental principles, methods and a clear perception of in numerous power of mathematical ideas, tools and know how to use them by solving and interpreting.</p> <p>Give learners the knowledge of broad nature of the subject.</p> <p>To equip learners with mathematical modeling, abilities and problem-solving skills.</p> <p>To give learners the idea of creative talent and power of communication necessary in the field of mathematics.</p> <p>To give learner the exposure of the field locally as well as globally.</p>	<p>Learners apply discrete mathematics concepts to practical applications such as those in computer science.</p> <p>They can use concepts and tools of differential and integral calculus to solve real-life applications.</p> <p>They can create and develop software applications using a systematic approach.</p> <p>The course also aims to provide students with sufficient knowledge to enable them to pursue further studies in advanced computer science and computational mathematics.</p>
					USMT504	NUMERICAL METHODS -I	<p>The overall goal of the field of numerical analysis is the design and analysis of techniques to give approximate but accurate solutions to hard problems.</p> <p>To creates, analyses, and implements algorithms for obtaining numerical solutions to problems involving continuous variables. Such problems arise throughout the natural sciences, social sciences, engineering, medicine, and business</p> <p>To investigates and provides accurate solutions to real-life problems from the field of science, engineering, biology, astrophysics and finance.</p> <p>To provide the numerical methods of solving the non-linear equations, interpolation, differentiation, and integration.</p> <p>To improve the student's skills in numerical methods by using the scientific calculator, numerical analysis software and computer facilities.</p>	<p>Derive numerical methods for various mathematical operations and tasks, such as interpolation, differentiation, integration, the solution of linear and nonlinear equations, and the solution of differential equations.</p> <p>Calculate and evaluate the accuracy of common numerical methods.</p> <p>Be able to perform basic computations in higher mathematics.</p> <p>Be able to read, write and understand basic proofs.</p> <p>Develop and maintain problem-solving skills.</p> <p>Be able to interpreting the calculation using scientific calculator and computer software.</p> <p>Provide a way to solve problems quickly and easily compared to analytic solutions.</p>
					USACCA501	COMPUTER PROGRAMMING AND SYSTEM ANALYSIS I	<p>The learners should have the ability to solve problems creatively and effectively, reason logically, and apply computer and mathematical skills.</p> <p>The course is suitable to allow the learner to tailor the degree towards computer programming, applied mathematics, or teaching in mathematics.</p> <p>They also possess a keen eye for detail and interest in study and experimentation.</p> <p>Applicants should also have logical thoughts, reasoning skills, and the ability to work systematically and accurately.</p>	<p>Learners can apply discrete mathematics concepts to practical applications such as those in computer science.</p> <p>They can use concepts and tools of differential and integral calculus to solve real-life applications.</p> <p>They can create and develop software applications using a systematic approach.</p> <p>The course also aims to provide students with sufficient knowledge to enable them to pursue further studies in advanced computer science and computational mathematics.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF SCIENCE	To provide through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	The learner acquires through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). The learner develops proficiency in the chosen subjects. The learner gets a job in the field of chosen subjects.	SEV - V	USCH501	PHYSICAL CHEMISTRY	<ul style="list-style-type: none"> To introduce to the learner the concept of molecular spectroscopy To take learners through colligative properties in chemical thermodynamics To orient learners about collision theory of chemical kinetics and classification of reactions To make learners aware of Nuclear chemistry To acquaint learners to surface chemistry To provide all learners a complete insight about colloidal state and surfactants To facilitate the learning of electrochemistry To impart knowledge of polymers To enlighten learners about the basics of quantum chemistry To make learners understand the importance of renewable energy resources To impart knowledge about nuclear magnetic spectroscopy To educate learners about electron spin resonance spectroscopy To make the competent at all basic and advanced laboratory skills. 	<ul style="list-style-type: none"> After studying this course, the learner will be able to Comprehend the fundamentals of rotational, vibrational and Raman spectra of molecules. Outline the applications of Galvanic Cells. Apply Raoult's Law and Clapeyron Equation to study Colligative Properties Understand reaction dynamics. Apply principles of Surface Chemistry to Colloids. Understand the basic principles of Nuclear Magnetic Resonance spectroscopy Classify polymers based on various parameters Determine overvoltage and decomposition potential Illustrate the use of X-rays in the study of solid state Differentiate between nuclear fission and nuclear fusion processes Understand the basic operations used in Quantum Chemistry. 	
				USCH502	INORGANIC CHEMISTRY	<ul style="list-style-type: none"> To introduce the concepts of molecular symmetry and chemical bonding To expose the learner to the concept of solid-state chemistry and super conductivity To equip learner with a sound knowledge of chemistry of inner transition elements, chemistry of nonaqueous solvents and chemistry of Group 16 and 17 To enable the learner to understand the theories of metal-ligand bond, stability of metal complexes, reactivity of metal complexes and electronic spectra of complexes To develop an understanding of organometallic chemistry, metallocenes and catalysis To acquaint the learner with metallurgy, chemistry of group 18 and Bio inorganic molecules 	<ul style="list-style-type: none"> Students will be able to analyse symmetry elements of a molecule. Student will describe superconductivity and different between the different types of solids. Students will apply the concept of chemistry of group 16 and 17 elements. Students will be able to connect the stability of metal complexes with their electronic spectras. Students will understand the chemistry of organometallic compounds. Students will be able to point out the importance of metals in bio inorganic chemistry. 	
				USCH503	ORGANIC CHEMISTRY	<ul style="list-style-type: none"> To make them aware of mechanism of organic reactions To introduce the concepts of photochemistry To expose the learner to stereochemistry To equip the learner with knowledge of chemistry of heterocyclic compounds. To enable the learner to understand different methods of synthesis of organic compounds. To learn Multicomponent synthesis and green chemistry and synthesis. To acquaint the learner with IUPAC system of nomenclature of bicyclic, biphenyls, cummulene, quinolones and isoquinolines To introduce the learner to agrochemicals To give learner insight into planning of organic synthesis To equip learner with a sound knowledge of natural products To develop an understanding amino acids and proteins To introduce the principles of molecular rearrangements. To introduce basic concepts of structure, stereoisomers, mutarotation and reactions of carbohydrates To acquaint learners with the details of spectroscopy To describe general features of catalyst and reagents in organic chemistry 	<ul style="list-style-type: none"> Students will design mechanism of a given organic reaction. Students will learn concepts of photochemistry. Students will learn concepts of photochemistry. Student will design synthesis of an organic compound. Students will name bicyclic, biphenyls, cummulene, quinolones and Isoquinolines Student will understand Agrochemicals. Students will have a deep understanding of natural products, amino acids etc. Students will solve spectral problems to elucidate the structure of an organic compound after learning the principles of organic spectroscopy. Students will be able to design an organic conversion on basis of catalysis 	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USCH504	ANALYTICAL CHEMISTRY	<p>To introduce the concept of quality in analytical chemistry</p> <p>To discuss the classical methods of analysis in relation to titrimetry –redox and complexometric titration</p> <p>To acquaint the learners on various optical methods specific reference to Atomic spectroscopy, Molecular spectroscopy, Phosphorescence spectroscopy, Turbidimetry and nephelometry</p> <p>To provide learners a complete insight to method of separation -solvent extraction , HPLC, HPTLC</p> <p>To facilitate the learning of electro analytical techniques specific to Polarography and amperometric titrations</p> <p>To impart knowledge of Gas and Ion exchange chromatography</p> <p>To impart knowledge about TGA, DTA and thermometric titrations</p> <p>To make learners understand the importance of Analytical method of validation</p> <p>To enlighten learners about food and cosmetic analysis</p>	<p>Students will define quality in analytical chemistry</p> <p>Students will apply the concept of titration to estimate samples.</p> <p>The students will explain and describe principle and working of Atomic spectroscopy, Molecular spectroscopy, Phosphorescence spectroscopy, Turbidimetry and nephelometry.</p> <p>Students will be able to analyse and design separation based on solvent extraction , HPLC, HPTLC, Gas and Ion exchange chromatography</p> <p>Students can analyse and apply Polarography and amperometric titrations</p> <p>Students will be able to analyse food and cosmetics based on the various analytical methods.</p>
					USACDD501	CHM/DRUGS/DYES	<p>To introduce to the learner the nomenclature, definition and basic idea of drugs</p> <p>To educate learners about routes of drug administration and dosage forms</p> <p>To take learners through the different types of drugs –analgesics, antipyretics and anti-inflammatory, cardiovascular, antidiabetic, antiparkinsons and drugs for respiratory system.</p> <p>To orient learners about dyes – definition of terms in dyeing, nomenclature, naming of dyes by colour index</p> <p>To teach learners about natural and synthetic dyes.</p> <p>To make learners aware of types of fibres</p> <p>To acquaint learners to classification of dyes based on applications and dyeing methods</p> <p>To provide all learners a complete insight about optical brighteners</p> <p>To facilitate the learning of colour and constitution of dyes</p> <p>To impart knowledge of unit process and dye intermediates</p> <p>To enlighten learners about drug discovery, design and development</p> <p>To make learners understand the importance of nano particles in medicinal chemistry</p> <p>To impart knowledge about drugs and environmental aspects</p> <p>To educate learners about classification of dyes based on chemical constitution and synthesis of selected dyes</p> <p>To introduce basic terms of health and environmental hazards of synthetic dyes and their remediation process</p> <p>To develop conceptual clarity on textile uses of dyes</p> <p>To familiarize the learners with dyes used in food and cosmetics</p> <p>To introduce the learner to dye industry - Indian perspective</p> <p>To prepare various dyes and dye a fabric using the same.</p> <p>To estimate the amount of drug in a given sample by non-instrumental techniques.</p> <p>To prepare monograph of a drug.</p>	<p>Students will define terms used in drugs.</p> <p>Students will explain the various routes of drug administration and dosage forms.</p> <p>Students can classify various drugs into their respective categories.</p> <p>The students will define dyes and various terms of dyes.</p> <p>The students will differentiate between natural and synthetic dyes.</p> <p>Students will differentiate between various types of fabrics.</p> <p>Students will classify dyes.</p> <p>Students will define optical brighteners and elaborate their types.</p> <p>Students will analyse a sample for amount of drug present.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					MATH1	MULTIVARIABLE CALCULUSMC	<p>To use integration and evaluate various physical quantities</p> <p>To understand and link lower dimension integrals to higher dimension integrals</p> <p>To know the behaviour of smooth surfaces and Mobius transformation</p>	<p>This course is an extension of Integral calculus introduced in the previous semester. In this course, students are introduced to Integral Calculus of several variables. They should be enabled to understand the concept of Riemann integral on a rectangle and a box, apply Fubini's theorem for computation of integrals, compute physical quantities like area, volume, the centre of mass using integrals. The learners will be able to understand the concept of parametric curve and surface, and their differences, compute line and surface integrals, study the correlation between various integrals through Greens, Stokes and Gauss theorems.</p>
					USPH501	MATHEMATICAL METHODS IN PHYSICS	<p>To learn some mathematical techniques required to understand the physical phenomena at the undergraduate level and get exposure to important ideas of statistical mechanics.</p> <p>To solve simple problems in probability</p> <p>To understand the concept of independent events and work with standard continuous distributions.</p> <p>To understand the concept of microstates, Boltzmann distribution and statistical origins of entropy</p>	<p>The Learner understands mathematical techniques required to understand the physical phenomena at the undergraduate level and get exposure to important ideas of statistical mechanics.</p> <p>The learner understands Skill to solve simple problems in probability,</p> <p>The learner understands the concept of independent events and work with standard continuous distributions.</p> <p>Understand the concept of microstates, Boltzmann distribution and statistical origins of entropy</p>
					USPH502	SOLID STATE PHYSICS	<p>To understand the basics of crystallography, Electrical properties of metals, Band Theory of solids, demarcation among the types of materials, Semiconductor Physics and Superconductivity.</p> <p>To understand the basic concepts of Fermi probability distribution function, Density of states, conduction in semiconductors and BCS theory of superconductivity.</p>	<p>The learner understands the basics of crystallography, Electrical properties of metals, Band Theory of solids, demarcation among the types of materials, Semiconductor Physics and Superconductivity.</p> <p>The learner understands the basic concepts of Fermi probability distribution function, Density of states, conduction in semiconductors and BCS theory of superconductivity.</p>
					USPH503	ATOMIC AND MOLECULAR PHYSICS	<p>The application of quantum mechanics in atomic physics</p> <p>the importance of electron spin, symmetric and antisymmetric wave functions and vector atom model</p> <p>Effect of magnetic field on atoms and its application</p> <p>Learn Molecular physics and its applications. This course will be useful to get an insight into spectroscopy.</p>	<p>The application of quantum mechanics in atomic physics</p> <p>the importance of electron spin, symmetric and antisymmetric wave functions and vector atom model</p> <p>Effect of magnetic field on atoms and its application</p> <p>Learn Molecular physics and its applications. This course will be useful to get an insight into spectroscopy.</p>
					PAGE 2 OF 18 T.	ELECTRODYNAMICS	<p>To understand the laws of electrodynamics and be able to perform calculations using them.</p> <p>To understand Maxwell's electrodynamics and its relation to relativity</p> <p>To understand how optical laws can be derived from electromagnetic principles.</p>	<p>The learner Understands the laws of electrodynamics and be able to perform calculations using them.</p> <p>The learner understands Maxwell's electrodynamics and its relation to relativity</p> <p>The learner understands how optical laws can be derived from electromagnetic principles.</p>
					USPHP05	PRACTICALS OF COURSE USPH501 + COURSE USPH502	<p>To understand physics theory concepts to practical application.</p> <p>To understand the concept of errors and their estimation.</p>	<p>The learner correlate the physics theory concepts to practical application.</p> <p>The learner understands the concept of errors and their estimation.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USPHP06	PRACTICALS OF COURSE USPH503 + COURSE USPH504	To understand the application of electronic components	The learner understands the application of electronics components
					USMT604	MATHEMATICS PAPER V	The learners should have the ability to solve problems creatively and effectively, reason logically, and apply computer and mathematical skills. The course is suitable to allow the learner to tailor the degree towards computer programming, applied mathematics, or teaching in mathematics. They also possess a keen eye for detail and interest in study and experimentation. Applicants should also have logical thoughts, reasoning skills, and the ability to work systematically and accurately.	Learners can apply discrete mathematics concepts to practical applications such as those in computer science. They can use concepts and tools of differential and integral calculus to solve real-life applications. They can create and develop software applications using a systematic approach. The course also aims to provide students with sufficient knowledge to enable them to pursue further studies in advanced computer science and computational mathematics.
					USCH601	PHYSICAL CHEMISTRY	To introduce to the learner the concept of molecular spectroscopy To take learners through colligative properties in chemical thermodynamics To orient learners about collision theory of chemical kinetics and classification of reactions To make learners aware of Nuclear chemistry To acquaint learners to surface chemistry To provide all learners a complete insight about colloidal state and surfactants To facilitate the learning of electrochemistry To impart knowledge of polymers To enlighten learners about the basics of quantum chemistry To make learners understand the importance of renewable energy resources To impart knowledge about nuclear magnetic spectroscopy To educate learners about electron spin resonance spectroscopy To make the competent at all basic and advanced laboratory skills.	After studying this course, the learner will be able to Comprehend the fundamentals of rotational, vibrational and Raman spectra of molecules. Outline the applications of Galvanic Cells. Apply Raoult's Law and Clapeyron Equation to study Colligative Properties Understand reaction dynamics. Apply principles of Surface Chemistry to Colloids. Understand the basic principles of Nuclear Magnetic Resonance spectroscopy Classify polymers based on various parameters Determine overvoltage and decomposition potential Illustrate the use of X-rays in the study of solid state Differentiate between nuclear fission and nuclear fusion processes Understand the basic operations used in Quantum Chemistry.
					USCH602	INORGANIC CHEMISTRY	To introduce the concepts of molecular symmetry and chemical bonding To expose the learner to the concept of solid-state chemistry and super conductivity To equip learner with a sound knowledge of chemistry of inner transition elements, chemistry of nonaqueous solvents and chemistry of Group 16 and 17 To enable the learner to understand the theories of metal-ligand bond, stability of metal complexes, reactivity of metal complexes and electronic spectra of complexes To develop an understanding of organometallic chemistry, metallocenes and catalysis To acquaint the learner with metallurgy, chemistry of group 18 and Bio inorganic molecules	Students will be able to analyse symmetry elements of a molecule. Student will describe superconductivity and different between the different types of solids. Students will apply the concept of chemistry of group 16 and 17 elements. Students will be able to connect the stability of metal complexes with their electronic spectras. Students will understand the chemistry of organometallic compounds. Students will be able to point out the importance of metals in bio inorganic chemistry.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USCH603	ORGANIC CHEMISTRY	<p>To make them aware of mechanism of organic reactions</p> <p>To introduce the concepts of photochemistry</p> <p>To expose the learner to stereochemistry</p> <p>To equip the learner with knowledge of chemistry of heterocyclic compounds.</p> <p>To enable the learner to understand different methods of synthesis of organic compounds.</p> <p>To learn Multicomponent synthesis and green chemistry and synthesis.</p> <p>To acquaint the learner with IUPAC system of nomenclature of bicyclic, biphenyls, cummulene, quinolones and isoquinolines</p> <p>To introduce the learner to agrochemicals</p> <p>To give learner insight into planning of organic synthesis</p> <p>To equip learner with a sound knowledge of natural products</p> <p>To develop an understanding amino acids and proteins</p> <p>To introduce the principles of molecular rearrangements.</p> <p>To introduce basic concepts of structure, stereoisomers, mutarotation and reactions of carbohydrates</p> <p>To acquaint learners with the details of spectroscopy</p> <p>To describe general features of catalyst and reagents in organic chemistry</p>	<p>Students will design mechanism of a given organic reaction.</p> <p>Students will learn concepts of photochemistry.</p> <p>Students will learn concepts of photochemistry.</p> <p>Student will design synthesis of an organic compound.</p> <p>Students will name bicyclic, biphenyls, cummulene, quinolones and Isoquinolines</p> <p>Student will understand Agrochemicals.</p> <p>Students will have a deep understanding of natural products, amino acids etc.</p> <p>Students will solve spectral problems to elucidate the structure of an organic compound after learning the principles of organic spectroscopy.</p> <p>Students will be able to design an organic conversion on basis of catalysis</p>
					USCH604	ANALYTICAL CHEMISTRY	<p>To introduce the concept of quality in analytical chemistry</p> <p>To discuss the classical methods of analysis in relation to titrimetry –redox and complexometric titration</p> <p>To acquaint the learners on various optical methods specific reference to Atomic spectroscopy, Molecular spectroscopy, Phosphorescence spectroscopy, Turbidimetry and nephelometry</p> <p>To provide learners a complete insight to method of separation -solvent extraction , HPLC, HPTLC</p> <p>To facilitate the learning of electro analytical techniques specific to Polarography and amperometric titrations</p> <p>To impart knowledge of Gas and Ion exchange chromatography</p> <p>To impart knowledge about TGA, DTA and thermometric titrations</p> <p>To make learners understand the importance of Analytical method of validation</p> <p>To enlighten learners about food and cosmetic analysis</p>	<p>Students will define quality in analytical chemistry</p> <p>Students will apply the concept of titration to estimate samples.</p> <p>The students will explain and describe principle and working of Atomic spectroscopy, Molecular spectroscopy, Phosphorescence spectroscopy, Turbidimetry and nephelometry.</p> <p>Students will be able to analyse and design separation based on solvent extraction , HPLC, HPTLC, Gas and Ion exchange chromatography</p> <p>Students can analyse and apply Polarography and amperometric titrations</p> <p>Students will be able to analyse food and cosmetics based on the various analytical methods.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	BACHELOR OF SCIENCE	To provide through knowledge of the chosen science subjects (viz. Botany / Chemistry / Mathematics / Physics). To develop proficiency in the chosen subjects. To make learners job ready in the field of chosen subjects.	s / Physics).Th	SEV - VI	USACDD501	CHM/DRUGS/DYES	<p>To introduce to the learner the nomenclature, definition and basic idea of drugs</p> <p>To educate learners about routes of drug administration and dosage forms</p> <p>To take learners through the different types of drugs –analgesics, antipyretics and anti-inflammatory, cardiovascular, antidiabetic, antiparkinsons and drugs for respiratory system.</p> <p>To orient learners about dyes – definition of terms in dyeing, nomenclature, naming of dyes by colour index</p> <p>To teach learners about natural and synthetic dyes.</p> <p>To make learners aware of types of fibres</p> <p>To acquaint learners to classification of dyes based on applications and dyeing methods</p> <p>To provide all learners a complete insight about optical brighteners</p> <p>To facilitate the learning of colour and constitution of dyes</p> <p>To impart knowledge of unit process and dye intermediates</p> <p>To enlighten learners about drug discovery, design and development</p> <p>To make learners understand the importance of nano particles in medicinal chemistry</p> <p>To impart knowledge about drugs and environmental aspects</p> <p>To educate learners about classification of dyes based on chemical constitution and synthesis of selected dyes</p> <p>To introduce basic terms of health and environmental hazards of synthetic dyes and their remediation process</p> <p>To develop conceptual clarity on textile uses of dyes</p> <p>To familiarize the learners with dyes used in food and cosmetics</p> <p>To introduce the learner to dye industry - Indian perspective</p> <p>To prepare various dyes and dye a fabric using the same.</p> <p>To estimate the amount of drug in a given sample by non-instrumental techniques.</p> <p>To prepare monograph of a drug.</p>	<p>Students will define terms used in drugs.</p> <p>Students will explain the various routes of drug administration and dosage forms.</p> <p>Students can classify various drugs into their respective categories.</p> <p>The students will define dyes and various terms of dyes.</p> <p>The students will differentiate between natural and synthetic dyes.</p> <p>Students will differentiate between various types of fabrics.</p> <p>Students will classify dyes.</p> <p>Students will define optical brighteners and elaborate their types.</p> <p>Students will analyse a sample for amount of drug present.</p>
					USMT601	MATHEMATICS PAPER II	<p>Correlate the Cartesian plane with the complex plane</p> <p>To develop insights on Complex analysis as an extension of Real analysis</p> <p>To understand the well-behaved nature of complex functions and singularities and their types</p>	<p>This course aims to introduce students to the complex plane. It is useful for the students who wish to pursue higher study in mathematics to be able to understand the similarities and differences in the set of real numbers and that of complex numbers. The course should enable students to understand the complex plane, know the basic properties of complex numbers, understand the concept of an analytic function and Cauchy Riemann equations. The learners can discuss convergence of complex series and sequences, and should be able to compute contour integrals, understand and apply Cauchy's Theorem and Cauchy Integral Formula., construct Taylor's series of analytic functions. The learners should be able to discuss the types of singularities of a function and use Laurent's series to classify them.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USMT602	MATHEMATICS PAPER III	Understand the basics of crystallography, Electrical properties of metals, Band Theory of solids, demarcation among the types of materials, Semiconductor Physics and Superconductivity. Understand the basic concepts of Fermi probability distribution function, Density of states, conduction in semiconductors and BCS theory of superconductivity.	The learner understands the basics of crystallography, Electrical properties of metals, Band Theory of solids, demarcation among the types of materials, Semiconductor Physics and Superconductivity. The learner understands the basic concepts of Fermi probability distribution function, Density of states, conduction in semiconductors and BCS theory of superconductivity.
					USMT603	MATHEMATICS PAPER IV	The overall goal of the field of numerical analysis is the design and analysis of techniques to give approximate but accurate solutions to hard problems. To create, analyse, and implement algorithms for obtaining numerical solutions to problems involving continuous variables. Such problems arise throughout the natural sciences, social sciences, engineering, medicine, and business To investigate and provide accurate solutions to real-life problems from the field of science, engineering, biology, astrophysics and finance. To provide the numerical methods of solving the non-linear equations, interpolation, differentiation, and integration. To improve the student's skills in numerical methods by using the scientific calculator, numerical analysis software and computer facilities.	This course will enable the students to: Derive numerical methods for various mathematical operations and tasks, such as interpolation, differentiation, integration, the solution of linear and nonlinear equations, and the solution of differential equations. Calculate and evaluate the accuracy of common numerical methods. Be able to perform basic computations in higher mathematics. Be able to read, write and understand basic proofs. Develop and maintain problem-solving skills. Be able to interpret the calculation using scientific calculator and computer software. Provide a way to solve problems quickly and easily compared to analytic solutions.
					USPH202	PHYSICS PAPER I	To understand the kinds of motions that can occur under a central potential and their applications to planetary orbits. To learn the concepts needed for the important formalism of Lagrange's equations and derive the equations using D'Alembert's principle. To understand simple concepts from fluid mechanics and understanding of the dynamics of rigid bodies To understand the effect of adding nonlinear corrections to usual problems of mechanics and nonlinear mechanics	The learner understands the kinds of motions that can occur under a central potential and their applications to planetary orbits. The learner learns the concepts needed for the important formalism of Lagrange's equations and derive the equations using D'Alembert's principle. The learner understands the simple concepts from fluid mechanics and understanding of the dynamics of rigid bodies The learner understands the effect of adding nonlinear corrections to usual problems of mechanics and nonlinear mechanics
					USPH202	PHYSICS PAPER II	Understand the basics of crystallography, Electrical properties of metals, Band Theory of solids, demarcation among the types of materials, Semiconductor Physics and Superconductivity. Understand the basic concepts of Fermi probability distribution function, Density of states, conduction in semiconductors and BCS theory of superconductivity.	The learner understands the basics of crystallography, Electrical properties of metals, Band Theory of solids, demarcation among the types of materials, Semiconductor Physics and Superconductivity. The learner understands the basic concepts of Fermi probability distribution function, Density of states, conduction in semiconductors and BCS theory of superconductivity.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USPH203	PHYSICS PAPER III	The application of quantum mechanics in atomic physics the importance of electron spin, symmetric and antisymmetric wave functions and vector atom model Effect of magnetic field on atoms and its application Learn Molecular physics and its applications. This course will be useful to get an insight into spectroscopy	The learner learn to apply concept of quantum mechanics in atomic physics The learner learn the importance of electron spin, symmetric and antisymmetric wave functions and vector atom model The learner understands the effect of magnetic field on atoms and its application The learner understands the Molecular physics and its applications. This course will be useful to get an insight into spectroscopy.
					USPH204	PHYSICS PAPER IV	To understands the laws of electrodynamics and be able to perform calculations using them. To understands Maxwell's electrodynamics and its relation to relativity To understands how optical laws can be derived from electromagnetic principles.	The learner understands the laws of electrodynamics and be able to perform calculations using them. The learner understands Maxwell's electrodynamics and its relation to relativity The learner understands how optical laws can be derived from electromagnetic principles.
					USPH205	PHYSICS PAPER V	To introduce the students to advanced microprocessors , microcontrollers and various concepts of programming to the students using Python as the programming language.	The learner understands the Python programming Language and microcontroller
					UA_FFSI.1	FINANCIAL ACCOUNTING - I	To familiarize students with accounting standards and inculcate basic knowledge of Accounting Standard 1, 2 and 9. To inculcate among learners' ability to distinct between capital and revenue expenditure. To demonstrate preparation of financial accounts of sole proprietor engaged in manufacturing business. To develop an understanding of allocation of expenses and incomes and record other transactions related to inter departmental transfer. To acquaint students with the accounting of transactions related to hire purchase and calculation of interest & instalment on hire purchase.	The learners developed knowledge of Accounting Standard 1, 2 and 9 and also displayed further understanding of accounting standards. The learners developed ability to distinct between capital and revenue expenditure. The learners could demonstrate preparation of financial accounts of sole proprietor engaged in manufacturing business. The learners displayed ability to allocate expenses and incomes and record other transactions related to inter departmental transfer. The learners became acquaint with the accounting of transactions related to hire purchase and calculation of interest & instalment on hire purchase.
					UA_FFSI.2	COST ACCOUNTING - I	To familiarize learners with basic definitions of Cost, Costing and Cost Accounting, Cost Allocation and Apportionment and Coding system for recording costs To arrive at the valuation of stock using different techniques and examine the result To enable learners to calculate cost under different schemes for payment of labour cost To enable learners to understand the concept and classification of Overheads	The learners understood the basic definitions of Cost, Costing and Cost Accounting and how to classify costs as well as learnt about Cost Allocation, Apportionment, and Coding system for recording costs. The learners calculate Stock Levels and Economic Order Quantity The learners have calculated cost under different schemes for payment of labour cost The learners learnt about Apportionment and Absorption of Overheads
		To acquire	It enables students to understand fundamentals of accounting					



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF ACCOUNTING AND FINANCE	knowledge in the field of accounting, taxation, auditing, management, managerial economics, business law and business communication & IT. It promotes students to become professionals / managers / entrepreneur/ accountants.	or accounting, taxation, costing, financial management, auditing, management accounting etc It motivates students to pursue higher studies like Chartered Accountancy, Cost Accountancy, MBA in Finance, Company Secretary, M.Com in Accountancy etc	SEM - I	UA_FFSI.3	FINANCIAL MANAGEMENT - I	<p>To familiarize learners with basic concepts of finance.</p> <p>To develop among learners how to make choice of appropriate debt equity mix to minimize overall cost of capital.</p> <p>To inculcate among students how to determine time value of money.</p> <p>To demonstrate to students' effects of fixed cost and interest on earnings through leverages.</p>	<p>Learners understood basic concepts of finance</p> <p>Learners could make choice of appropriate debt equity mix to minimize overall cost of capital.</p> <p>Students know how to determine time value of money.</p> <p>Students understood the effects of fixed cost and interest on earnings through leverages.</p>	
				UA_FFSI.4	BUSINESS COMMUNICATION - I	<p>To familiarize learners with the theory of communication</p> <p>To inculcate various oral and written skills needed for effective communication.</p> <p>To demonstrate the effective uses of communication technology.</p> <p>To learn to write letters for various business purposes.</p> <p>To develop an awareness about the complexity of communication in a dynamic business environment.</p> <p>To enable learners to apply the various skills of communication to actual life situations.</p>	<p>The learners explain the theory of communication</p> <p>The learners display various oral and written skills needed for effective communication.</p> <p>The learners demonstrate the effective use of communication technology.</p> <p>The learners develop an awareness about the complexity of communication in dynamic business environment.</p> <p>The learners learn to apply the various skills of communication to actual life situations.</p>	
				UA_FFSI.5.1	FOUNDATION COURSE - I	<p>To introduce students to the overview of the Indian Society.</p> <p>To enable students, learn about prevailing disparities among various groups of society.</p> <p>To help them understand the Constitution of India.</p> <p>To enable students, learn about Panchayati Raj system and local self-government bodies.</p> <p>To acquaint them with the socio-political & economic problems of India.</p>	<p>Student learns about the overview of the Indian Society.</p> <p>Student learns about prevailing disparities among various groups of society.</p> <p>Student understands the significant elements of the Constitution of India.</p> <p>Student enables to learn about Panchayati Raj system and local self-government bodies.</p> <p>Student develops the ability to think about the socio-political & economic problems of India.</p>	
				UA_FFSI.6	COMMERCE I (BUSINESS ENVIRONMENT)	<p>To analyse the overall business environment</p> <p>To evaluate its various components in business decision making.</p> <p>To provides an analysis and examination of significant contemporary ethical issues and challenges existing throughout the professional business arena.</p> <p>To put emphasis upon the manager's social and environmental responsibilities to a wide variety of stakeholders, including employees, customers and the public</p>	<p>Familiarize the learners with the nature of business environment and its components.</p> <p>The learners will be able to demonstrate and develop conceptual framework of business environment and generate interest in international business.</p> <p>The learners will understand the definition of ethics and the importance and role of ethical behavior in the business world today</p>	
				UA_FFSI.7	BUSINESS ECONOMICS - I	<p>To familiarize the students with the basic concept of Business Economics</p> <p>To understand demand and supply analysis in business applications</p> <p>To Enhance knowledge on production and cost function, break even analysis and economies of scale</p> <p>To understand the importance of Demand forecasting and estimation in the business world</p> <p>To understand markets structures such as perfect competition, monopoly, monopolistic competition and oligopoly</p> <p>To understand various pricing models used in business</p>	<p>Develop concept understanding about Business Economics</p> <p>Develop an understanding about demand and supply analysis in business applications</p> <p>Builds the ability to correlate the cost and production functions</p> <p>Gain insight about the market structures</p> <p>Develop an understanding about pricing models</p> <p>Gains overall understanding about business economics</p>	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF ACCOUNTING AND FINANCE	To acquire knowledge in the field of accounting, taxation, auditing, management, managerial economics, business law and business communication & IT. It promotes students to become professionals / managers / entrepreneur/ accountants.	It enables students to understand fundamentals of accounting, taxation, costing, financial management, auditing, management accounting etc It motivates students to pursue higher studies like Chartered Accountancy, Cost Accountancy, MBA in Finance, Company Secretary, M.Com in Accountancy	SEM - II	UA_FFSII.1	FINANCIAL ACCOUNTING II	<p>To guide the learners how to prepare income statement, balance sheet, cash flow statement with incomplete records.</p> <p>To explain the concept of consignment and its accounting in the books of the consignor and consignee.</p> <p>To make them able to prepare accounting statements in the books of head office regarding dependent and independent branch.</p> <p>To make them compute Loss of Stock by Fire and Ascertainment of Claim as per the insurance policy.</p>	<p>The learners prepare incomes statement, balance sheet, and cash flow statement with incomplete records.</p> <p>They understood the concept of consignment and its accounting in the books of the consignor and consignee.</p> <p>They are able to prepare accounting statements in the books of head office regarding dependent and independent branch.</p> <p>The learners compute Loss of Stock by Fire and Ascertainment of Claim as per the insurance policy.</p>	
				UA_FFSII.2	AUDITING - I	<p>To acquaint students with basic objectives and principles of auditing, types of frauds and errors</p> <p>To develop awareness of types of audits, qualities of auditors, true and fair view and understand accounting concepts related to auditing</p> <p>To familiarize students with audit planning, audit programme, audit working papers and audit note book.</p> <p>To develop an understanding of auditing techniques such as Test check, audit sampling, internal control and internal check</p> <p>To acquaint students with the concept of basic principles and objectives of internal audit and to understand its distinction with statutory audit.</p>	<p>The learners developed knowledge of basic objectives and principles of auditing, types of frauds and errors.</p> <p>The learners displayed awareness of types of audits, qualities of auditors, true and fair view and gained understanding of accounting concepts related to auditing.</p> <p>The learners became familiar with the concept of audit planning, audit programme, audit working papers and audit notebook.</p> <p>The learners developed an understanding of auditing techniques such as Test check, audit sampling, internal control and internal check.</p> <p>The learners established awareness of basic principles and objectives of internal audit and developed understanding of its distinction with statutory audit.</p>	
				UA_FFSII.3	INNOVATIVE FINANCIAL SERVICES	<p>To help learners to get acquainted with the traditional financial services</p> <p>To enable students to get acquainted & describe the issue management & securitization process</p> <p>To enables leaners to examine various financial services & its mechanism</p> <p>To enable leaners to get acquainted with consumer finance & credit rating services</p>	<p>Learners would acquaint themselves about financial service market & its constituents</p> <p>They would assess growth of financial service in India</p> <p>They would also recall & discuss factoring, forfaiting & bill discounting services</p> <p>Learners would examine & discuss various financial services</p> <p>Learners would discuss different types consumer products growth of plastic money & the growing popularity of credit rating</p>	
				UA_FFSII.4	BUSINESS COMMUNICATION II	<p>To familiarize learners with types of interviews.</p> <p>To enable learners to prepare for interview and group discussion.</p> <p>To enable learners to write reports.</p> <p>To learn to write various trade letters.</p> <p>To enable learners to apply the various skills of communication to actual life situations.</p>	<p>The learners explain the types of interviews.</p> <p>The learners develop an awareness about the conduct of meeting and organizing a conference.</p> <p>The learners display writing skills through business letters.</p> <p>The learners learn to apply the various skills of communication to actual life situations.</p>	
				UA_FFSII.5.1	FOUNDATION COURSE II	<p>To acquaint them with issues related to Globalization.</p> <p>To help them understand human rights.</p> <p>To help them understand about the significance of nature and sustainable development.</p> <p>To help them understand stress & conflict.</p> <p>To help them understand the coping mechanisms of stress & conflict in contemporary society.</p> <p>To acquaint them with the socio-political & economic problems of India.</p>	<p>Student acquaints about the issues related to Globalization.</p> <p>Student develops understanding about human rights.</p> <p>Student enables to learn about significance of nature and sustainable development.</p> <p>Student understands stress & conflict.</p> <p>Student understands about the coping mechanisms of stress & conflict in contemporary society.</p> <p>Student develops the ability to think about the socio-political & economic problems of India.</p>	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
			etc		UA_FFSII.6	BUSINESS LAW I	<p>To enable students to understand legal framework of Indian Contract Act, 1872</p> <p>To enable students to understand the Consumer Protection Act.</p> <p>To enable students to understand what is considered as sale of goods under a contract of sale</p> <p>To enable students to understand various negotiable instruments used by business.</p>	<p>Students would understand which contracts are valid and special contracts.</p> <p>Students would understand their rights as a consumer.</p> <p>Students would be able to understand the various terms in which sale can be made.</p> <p>Student would relate the theoretical knowledge and take sufficient care while using negotiable instruments.</p>
					UA_FFSII.7	BUSINESS MATHEMATICS	<p>To develop analysis of problems based on ratio, proportion, variation and percentage</p> <p>To develop ability to compute profit and loss on sale of securities by giving effect to cash discount, trade discount, commission and brokerage.</p> <p>To familiarize learners with basic concept of shares and mutual funds and develop ability to compute net income after giving effect to entry load, exit load and dividend.</p> <p>To acquaint learners with the concept of simple interest and compound interest.</p> <p>To enable learners to compute EMI's and Present value & Future value of Annuity Immediate</p>	<p>The learners displayed ability to analyses problems based on ratio, proportion, variation and percentage</p> <p>The learners developed ability to compute profit and loss on sale of securities by giving effect to cash discount, trade discount, commission and brokerage.</p> <p>The learners became familiar with the basic concept of shares and mutual funds and develop an ability to compute net income after giving effect to entry load, exit load and dividend.</p> <p>The learners became acquaint with the concept of simple interest and compound interest.</p> <p>The learners demonstrated ability to compute EMI and Present value & Future value of Annuity Immediate</p>
					UBA&FSIII.1	FINANCIAL ACCOUNTING-III	<p>To enhance the abilities of learners to prepare partnership final accounts.</p> <p>To enhance the abilities of learners to prepare statement of Piecemeal distribution of cash.</p> <p>To enable the learners in understanding, preparing & presenting the Balance sheet of new firm after amalgamation.</p> <p>To enable the learners in understanding, preparing & presenting the Balance sheet of new company after conversion/sale of a partnership firm.</p> <p>To enable the learners in understanding the computation & treatment of exchange rate differences.</p>	<p>Prepare partnership final accounts.</p> <p>Develop the ability to prepare the statement of Piecemeal distribution of cash.</p> <p>Develop the ability to close the old books & prepare new balance sheet of firm post amalgamation.</p> <p>Prepare the new balance sheet post conversion of firm into company.</p> <p>Develop the ability to recognize the financial effect of changes in exchange rates.</p>
					UBA&FSIII.2	COST ACCOUNTING-II	<p>To help learners to understand Cost accounting practices</p> <p>To make them able to find out differences between cost and financial books</p> <p>To enable them to get acquainted with the terms related to Construction Contracts and enable them to prepare contract account</p> <p>To enable them to prepare Process Accounts and Statements of joint products and by-products.</p>	<p>The learners understood Cost accounting practices</p> <p>They are able to find out differences between cost and financial books</p> <p>They are able to prepare contract account and understood various aspects of contract costing including treatment of profit on incomplete contracts.</p> <p>They prepare Process Accounts and Statements of joint products and by-products.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	BACHELOR OF ACCOUNTING AND FINANCE	To acquire knowledge in the field of accounting, taxation, auditing, management, managerial economics, business law and business communication & IT. It promotes students to become professionals / managers / entrepreneur/ accountants.	It enables students to understand fundamentals of accounting, taxation, costing, financial management, auditing, management accounting etc It motivates students to pursue higher studies like Chartered Accountancy, Cost Accountancy, MBA in Finance, Company Secretary, M.Com in Accountancy etc	SEM - III	UBA&FSIII.3	TAXATION-II	<p>To acquaint learners with the basics of Income Tax in India.</p> <p>To enable learners to classify income under five heads as stated under Income Tax Act.</p> <p>To familiarize learners with deductions that could be availed from gross total income so as to arrive at taxable income.</p> <p>To develop an awareness among learners of income which are exempt from tax under section 10 of Income Tax Act</p> <p>To enable learners to compute total income under Income Tax Act.</p>	<p>The learners developed an awareness of basics of Income Tax in India.</p> <p>The learners displayed ability to classify income under five heads as stated under Income tax Act.</p> <p>The learners gained awareness of deductions that could be availed to arrive at net taxable income.</p> <p>The learners developed knowledge of incomes which are exempt from tax under section 10 of Income Tax Act.</p> <p>The learners were able to apply the provisions of Income Tax Act and computed total income.</p>
					UBA&FSIII.7	ECONOMICS II	<p>To understand the meaning and components of the National Income.</p> <p>To understand to manipulate the basic Aggregate Supply, Aggregate Demand model of the macro economy</p> <p>To understand how fiscal policy operates, its tools, and its advantages and drawbacks</p> <p>To understand how Fiscal policy operates, its tools, and its advantages and drawbacks</p> <p>To critically evaluate the consequences of basic macroeconomic policy options under differing economic conditions within a business cycle.</p> <p>To identify the determinants of various macroeconomic aggregates such as output, unemployment, inflation, productivity and the major challenges associated with the measurement of these aggregates.</p> <p>To explain and apply key development economic growth theories, international trade development theories, and related economic development theories</p>	<p>The learners understand the basics of national income accounting</p> <p>The learners understand the causes and consequences of business cycles</p> <p>The learners understand the roles of fiscal and monetary policy.</p> <p>The learners understand the interaction between the domestic economy and the rest of the world.</p> <p>The learners understand the various reasons why countries engage in international trade, including the direction and volume of trade between nations.</p> <p>The learners understand the role of exchange rates and how they are determined.</p>
					UBA&FSIII.6	BUSINESS LAW II	<p>To enable students to gain knowledge about the legal provisions of Indian Partnership Act, 1932.</p> <p>To enable students to be aware of Limited Liability Partnership, 2008.</p> <p>To enable students to understand provision of Factories Act, 1948 with regard to safety, health and welfare.</p>	<p>Students would be able to understand the provisions of Partnership Act in India, types of partners and their rights</p> <p>Students would be able to critically analyse the merits of LLP and how LLP is different from partnership firm and company.</p> <p>Students would gain knowledge about their rights as employees under Factories Act or as businessman and be aware of facilities they should provide to workers.</p>
					UBFMSIII.5	FINANCIAL MARKET OPERATION	<p>To provide an overview of Indian Financial System</p> <p>To study the instruments of Financial Markets</p> <p>To understand the role and functions of Financial Institutions</p> <p>To make students familiar with different investment options</p> <p>To provide an overview of Financial Services</p>	<p>Develops the ability to illustrate the components of Financial System</p> <p>Gain insight about investment options</p> <p>Understands the role of saving, investment, inflation and interest rate in financial system</p> <p>Stimulate investments among students</p> <p>Builds an understanding about Fee based and fund-based services</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UBFMSIII.4	INFORMATION TECHNOLOGY IN ACCOUNTANCY-I	<p>To understand different input / output parts of computer.</p> <p>To empowers the use of office productivity tools to</p> <p>To understand downloading information, creating and sending emails.</p> <p>To explain use of internet for electronic data exchange</p> <p>To familiarize with E commerce infrastructure</p>	<p>Students will understand input /output devices of computer and their working.</p> <p>Students can recognize when to use each of Microsoft office programs to create professional and accounting documents.</p> <p>Students learn downloading information, creating and sending emails.</p> <p>Students will explain use of internet for electronic data exchange.</p> <p>Students will understand to apply web-based tools foe E commerce, Security and support activities.</p>
2C00445	BACHELOR OF ACCOUNTING	To acquire knowledge in the field of accounting, taxation, auditing, management, managerial economics, business law and business	It enables students to understand fundamentals of accounting, taxation, costing, financial management, auditing, management accounting etc It motivates students to	SEM - IV	UBA&FSIV.1	FINANCIAL ACCOUNTING PAPER - IV	<p>To enhance the abilities of learners to comply the provisions of Companies Act in the preparation of Final Accounts of Companies.</p> <p>To enable the learners in understanding the methods of redemption & provisions of Companies Act for redemption of preference shares.</p> <p>To enable the learners in understanding the methods of redemption of & provisions of Companies Act for redemption of debentures.</p> <p>To enable the learners in understanding the principles for ascertainment & preparation of combined & columnar profit & loss account showing the treatment of profit prior to incorporation.</p> <p>To enable the learners in understanding the provisions of AS 11 regarding Foreign Branches.</p>	<p>Integrate the provisions of Companies Act to prepare the Final Accounts.</p> <p>Develop the ability to redeem the preference shares as per the provisions of companies Act.</p> <p>Develop the ability to redeem the debentures as per the provisions of companies Act.</p> <p>Develop the ability to present the statement of profit & loss in columnar form and learn the treatment of profit prior to incorporation</p> <p>Understand the provisions of AS 11 regarding Foreign Branches.</p>
					UBA&FSIV.2	MANAGEMENT ACCOUNTING PAPER-II	<p>To make the learners understand the concept of management accounting.</p> <p>To help them to Analyse and interpret financial statements.</p> <p>To enable them to calculate various ratios from the financial statements.</p> <p>To make them do cash flow analysis.</p> <p>To enable them to manage working capital requirement estimations of the firm</p>	<p>The learners understood the concept of management accounting.</p> <p>They are able to do the Analysis and interpretation of financial statements.</p> <p>The learners calculate various ratios from the financial statements.</p> <p>They do cash flow analysis.</p> <p>They are able to manage working capital requirement estimations of the firm</p>
					UBA&FSIV.3	TAXATION PAPER - III	<p>To acquaint learners with the provision of setoff and carry forward of losses under Income Tax Act.</p> <p>To enable learners to compute tax liability of Individual and HUF</p> <p>To inculcate among learners' ability to compute income of Partnership Firm by giving effect of remuneration to partners and also calculate tax thereon.</p> <p>To familiarize learners with provisions related to return of income u/s 139.</p> <p>To develop knowledge related to tax deducted at source, advance tax and interest and penalties u/s234A, 234B and 234C.</p> <p>To develop an understanding of tax provisions u/s 90 and 91 related to double taxation avoidance agreement.</p> <p>To enable learners to gain awareness of tax planning, management and ethics in taxation.</p>	<p>The learners became acquaint with the provision of setoff and carry forward of losses under Income Tax Act.</p> <p>The learners demonstrated computation of tax liability of Individual and HUF.</p> <p>The learners displayed ability to compute income of Partnership Firm by giving effect of remuneration to partners and also calculate tax thereon.</p> <p>The learners became familiar with the provisions related to return of income u/s 139.</p> <p>The learners developed knowledge related to tax deducted at source, advance tax and interest and penalties u/s234A, 234B and 234C.</p> <p>The learners developed an understanding of tax provisions u/s 90 and 91 related to double taxation avoidance agreement.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	G AND FINANCE	and business communication & IT. It promotes students to become professionals / managers / entrepreneur/ accountants.	pursue higher studies like Chartered Accountancy, Cost Accountancy, MBA in Finance, Company Secretary, M.Com in Accountancy etc		UBA&FSIV. 4	INFORMATION TECHNOLOGY IN ACCOUNTANCY PAPER-II	<p>To understand different input / output parts of computer.</p> <p>To empowers the use of office productivity tools to</p> <p>To understand downloading information, creating and sending emails.</p> <p>To explain use of internet for electronic data exchange</p> <p>To familiarize with E commerce infrastructure</p>	<p>Students will understand input /output devices of computer and their working.</p> <p>Students can recognize when to use each of Microsoft office programs to create professional and accounting documents.</p> <p>Students learn downloading information, creating and sending emails.</p> <p>Students will explain use of internet for electronic data exchange.</p> <p>Students will understand to apply web-based tools foe E commerce, Security and support activities.</p>
					UBA&FSIV. 5	BUSINESS LAW-III	<p>To help the students acquire knowledge of various provisions in relation to companies with respect to Companies Act, 2013.</p> <p>To help the students describe the features of public company and private company in India.</p> <p>To help the students describe memorandum of association, articles of association, prospectus and its contents.</p> <p>To help the students have knowledge of company shares and company dentures.</p>	<p>Students would know about the legal provisions of companies in India.</p> <p>Students would be able to evaluate the difference between public and private companies.</p> <p>Students would understand the use of M/A, A/A and prospectus.</p> <p>Students would gain knowledge about companies, kinds of shares and debentures.</p>
					UBA&FSIV. 6	FOUNDATION COURSE IV	<p>To develop an understanding about the Management and Administration</p> <p>To help the students to develop cognizance of the importance of management principles.</p> <p>To understand the management functions of planning, organizing, staffing, directing and controlling.</p> <p>To impart the basic management knowledge, and skills to the students so as to enhance their managerial capabilities</p>	<p>Develops an understanding of Management objectives and levels</p> <p>Establish Management and Administrative mind set among learner</p> <p>Gain insight about the functions of planning, organizing, staffing, directing and controlling</p> <p>Develop an understanding and apply the skills while making decisions at corporate level</p>
					UBA&FSIV. 7	RESEARCH METHODOLOGY IN ACCOUNTING & FINANCE	<p>To familiarize the learners with the concepts and types of research</p> <p>To evaluate hypothesis and sampling techniques</p> <p>To demonstrate the data collection and processing</p> <p>To inculcate various data, analyze and interpretation</p> <p>To explain the advanced techniques in report writing</p>	<p>The learners able to explain and analyze the types of research</p> <p>The learners able to understand hypothesis and sampling techniques</p> <p>The learners apply various data collection and processing during their research</p> <p>The learners enable to apply different data analysis and interpretation</p> <p>The learners apply the advanced techniques in research writing</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome	
		To acquire knowledge in the field of accounting, taxation, auditing	It enables students to understand fundamentals of accounting, taxation, costing, financial management,		UA&FFSV-1	FINANCIAL ACCOUNTING-V	<p>To develop an understanding of accounting practices related to Buyback of Equity Shares and computation of number of shares that can be bought back.</p> <p>To demonstrate preparation of accounts in order to record transactions related to Amalgamation of Companies.</p> <p>To acquaint learners with accounting practices related to Underwriting of Shares & Debentures of Company.</p> <p>To develop an understanding of accounting during Internal Reconstruction.</p> <p>To enable learners to gain awareness of accounting practices related to Liquidation of Companies.</p>	<p>The learners developed an understanding of accounting practices related to Buyback of Equity Shares and computation of number of shares that can be bought back.</p> <p>The learners demonstrated preparation of accounts in order to record transactions related to Amalgamation of Companies.</p> <p>The learners became acquainted with accounting practices related to Underwriting of Shares & Debentures of Company.</p> <p>The learners could display accounting of transactions during Internal Reconstruction.</p> <p>The learners gained awareness of accounting practices related to Liquidation of Companies.</p>	
						UA&FFSV-2	COST ACCOUNTING	<p>To explain and give the understanding of uniform costing method and interfirm comparison techniques.</p> <p>To employ in-depth knowledge about integrated and non-integrated costing system.</p> <p>To explain and describe the importance of service sector costing.</p> <p>To study practical approach towards process in production, study per unit cost and apportion of elements used in process.</p> <p>To employ and distinguish knowledge about traditional and ABC approach.</p>	<p>The student will be able to define and differentiate between uniform costing method and inter-firm comparison techniques.</p> <p>The student will be able to develop understanding and write account under integrated and non-integrated costing system.</p> <p>The student will be able to do costing for service sector with respect to transport, hotel, hospital, etc.</p> <p>The student will be able to recognize and understand the costing techniques in process industries.</p> <p>The student will be able to understand and differentiate between traditional and ABC approach.</p>
							UA&FFSV-3	FINANCIAL ACCOUNTING-V	<p>To develop an understanding of accounting practices related to Buyback of Equity Shares and computation of number of shares that can be bought back.</p> <p>To demonstrate preparation of accounts in order to record transactions related to Amalgamation of Companies.</p> <p>To acquaint learners with accounting practices related to Underwriting of Shares & Debentures of Company.</p> <p>To develop an understanding of accounting during Internal Reconstruction.</p> <p>To enable learners to gain awareness of accounting practices related to Liquidation of Companies.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	BACHELOR OF ACCOUNTING AND FINANCE	auditing, management, managerial economics, business law and business communication & IT. It promotes students to become professionals / managers / entrepreneur/ accountants.	auditing, management accounting etc It motivates students to pursue higher studies like Chartered Accountancy, Cost Accountancy, MBA in Finance, Company Secretary, M.Com in Accountancy etc	SEM - V	UA&FFSV-4	TAXATION	<p>To enable students to explain the basic concepts, definitions and terms related to Goods and Service tax (GST).</p> <p>To enable students to distinguish the difference in concept of forward charge mechanism, reverse charge mechanism, composite supply, mixed supply and various exemptions under the new Goods and Service tax regime.</p> <p>To enable the students to discuss the concept of Supply along with the rules related to time, place and value of supply.</p> <p>To enable the students discuss the compliance related to documentation under the new indirect tax regime.</p> <p>To enable the students to compute the Goods and Service Tax (GST) payable by a supplier after considering the eligible input tax credit.</p> <p>To enable the students, analyse the persons liable for registration and the persons not required to obtain registration under the GST law.</p>	<p>Students would explain the various terms related to Goods and Service tax (GST).</p> <p>Students would distinguish the difference between forward charge and reverse charge mechanism and also to understand the difference between composite and mixed supply.</p> <p>Students would discuss the time, place and value of supply.</p> <p>Students would discuss the contents and format for various documents like tax invoice, bill of supply, debit note, credit note etc.</p> <p>Students would compute the amount of CGST, SGST and IGST payable after considering the eligible input tax credit.</p> <p>Students would be analysing whether a person is required to obtain registration under GST law.</p>
					UA&FFSV-5	FINANCIAL MANAGEMENT-II	<p>To create awareness about emerging trends in financial management.</p> <p>To demonstrate proficiency in valuation techniques, both DCF (discounted cash flow) and non-DCF</p> <p>To explain the concept of capital budgeting, receivable management, mutual fund and bond valuation and their practical implication in the real life</p>	<p>The learners are aware about emerging trends in financial management.</p> <p>They learners are proficient in valuation techniques, both DCF (discounted cash flow) and non-DCF</p> <p>They understood the concept of capital budgeting, receivable management, mutual fund and bond valuation and their practical implication in the real life</p>
					UA&FFSV-6	MANAGEMENT APPLICATION	<p>To make the clarity of the concepts of Marketing Management</p> <p>To develop the awareness of 4P's of Marketing</p> <p>To evaluate the conceptual framework of production management</p> <p>To inculcate various competencies of HRM</p> <p>To enable learners to apply various functions of Financial Management in a Company</p>	<p>The learners explain the concepts of Marketing Management</p> <p>The learners apply 4 Ps of Marketing in Practical situations</p> <p>The learners develop awareness about the production process of productivity movement in India</p> <p>The learners will be able to demonstrate various competencies of HRM</p> <p>The learners apply various functions of Financial Management in practical situation of a company</p>
					UA&FFSV-7	FINANCIAL ACCOUNTING-VI	<p>To apply format of final accounts as per Banking Companies Act, 1949 in practical manner.</p> <p>To Verify financial position of Bank by various angle.</p> <p>To apply format of final accounts as per Insurance Companies Act, and verify actual calculation premium in practical manner.</p> <p>To practically apply procedure of valuation of personal investment in real, mostly investment in Share market and in Debentures / Bonds.</p> <p>To apply format of final accounts as per LLP Act, 2008 in practical manner</p>	<p>At the end of this course Learner will be able to:</p> <p>Apply format of final accounts as per Banking Companies Act, 1949 in practical manner. Verify financial position of Bank by various angle.</p> <p>Identifies the financial transactions of Banking & studies systematic recording of books of accounts</p> <p>Apply format of final accounts as per Insurance Companies Act, and verify actual calculation premium in practical manner.</p> <p>Identifies the financial transactions of Insurance companies & studies systematic recording of books of accounts</p> <p>Apply format of final accounts as per LLP Act, 2008 in practical manner.</p> <p>Provides knowledge about Financial Statement of LLP and Non-Banking Financial Companies</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF ACCOUNTING AND FINANCE	To acquire knowledge in the field of accounting, taxation, auditing, management, managerial economics, business law and business communication & IT. It promotes students to become professionals / managers / entrepreneur/ accountants.	It enables students to understand fundamentals of accounting, taxation, costing, financial management, auditing, management accounting etc. It motivates students to pursue higher studies like Chartered Accountancy, Cost Accountancy, MBA in Finance, Company Secretary, M.Com in Accountancy etc	SEM - VI	3.6.1	FINANCIAL ACCOUNTING PAPER-VII	<p>To develop an understanding preparation of final accounts of electricity company as per double accounts system and norms regarding replacement of fixed asset.</p> <p>To develop ability to prepare final accounts of Co-Operative Housing and Consumer Co-operative Society as per the provisions of Maharashtra State Co-operative Societies Act.</p> <p>To demonstrate the preparation of investment account with transactions related to purchase and sale & ex and cum interest.</p> <p>To acquaint learners with the concept of mutual funds and its types and develop an understanding of accounting policies and entries related to mutual fund.</p> <p>To familiarize students with the Accounting Standards, Indian Accounting Standards and their Comparison with IFRS.</p>	<p>The learners developed an understanding to prepare final accounts of Electricity Company as per double accounts system and norms related to replacement of fixed asset.</p> <p>The learners demonstrated the ability to prepare final accounts of Co-Operative Housing and Consumer Co-operative Society as per the provisions of Maharashtra State Co-operative Societies Act.</p> <p>The learners displayed preparation of investment account with transactions related to purchase and sale & ex and cum interest.</p> <p>The learners became acquaint with the concept of mutual funds and its types and developed an understanding of accounting policies and entries related to mutual fund.</p> <p>The learners became familiar with the Accounting Standards, Indian Accounting Standards and their Comparison with IFRS</p>	
				3.6.2	COST ACCOUNTING PAPER-IV	<p>To introduce the concept of budgeting and help students to construct various types of budgets.</p> <p>To enable students to understand various aspects Marginal Costing and construct marginal cost statements.</p> <p>To enable students to evaluate and examine the different types of managerial decisions.</p> <p>To enable students to understand the concept of variance analysis and teach them computation of various variances.</p>	<p>Students would recall the objectives of budgeting and budgetary control. They would also construct various functional budgets.</p> <p>Students would construct statement of marginal costs and calculate various Marginal Costing ratios.</p> <p>Students would be able to solve various decision-making problems that takes place in business.</p> <p>Students would recall the need for variance analysis and would compute material, labour, variable overheads, fixed overheads, sales and profit variances.</p>	
				3.6.3	FINANCIAL MANAGEMENT PAPER-III	<p>To describe the dimensions of performance and risk relevant to financial firms, understand the concept of business valuation, mergers, acquisition etc.</p> <p>To enable students with the knowledge of Business valuation for corporate restructuring with lease, hire purchase and working capital management.</p> <p>To explain basic concept of risk management</p>	<p>The Learners are able to describe the dimensions of performance and risk relevant to financial firms. understand the concept of business valuation, mergers and acquisition</p> <p>They are familiarized with Business valuation for corporate restructuring with lease, hire purchase and working capital management.</p> <p>They understood the basic concept of risk management</p>	
				3.6.4	TAXATION PAPER-IV (DIRECT TAXES-II)	<p>To enable students to compute tax liability, understand procedures related to payment of tax, understand concepts like interest, TDS, TCS and refund.</p> <p>To make students aware of the various types of returns and the provisions related to filing of returns.</p> <p>To help students evaluate various aspects related to Accounts, Audit, Assessment and records.</p> <p>To introduce and to acquaint students with the provisions of Customs Act, 1962</p> <p>To help students understand the various procedures under Customs Act.</p> <p>Course Outcomes:</p>	<p>Students would compute the tax liability and understand the various provisions relating to interest, TDS, TCS and refunds.</p> <p>Students would be aware of various types of returns and various provisions related to filing of the same.</p> <p>Students would evaluate the practical aspects related to maintenance of accounts, conducting audit, assessment under GST.</p> <p>Students would be acquainted with the various provisions of the Customs Act. They would recall and discuss various types of customs duty, levy and exemption from customs duty and classification and valuation of goods imported and to be exported.</p> <p>Students would understand the various import and export procedures related to baggage, provisions relating to coastal goods, warehousing and duty drawback.</p>	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					3.6.6	ECONOMICS	<p>To understand present economic condition of the India.</p> <p>To understand the role of agriculture in Indian Economy.</p> <p>To understand the changing pattern of industrialization and role of small-scale sector industries.</p> <p>To explore the trends in service sector in reference to Banking, Insurance, Tourism and Healthcare industries.</p> <p>To understand the balance of payment crisis of 1991 and Role of international trade and capital movement.</p> <p>To understand the monetary policy of RBI.</p> <p>To understand the structure of capital market in India and Functions of SEBI.</p>	<p>The learners summarize condition of agriculture and problems of rural India.</p> <p>The learners explain the need of small-scale sector industries in India's development.</p> <p>The learners summarize industrial policy since 1991.</p> <p>The learners explain recent trends in service sector</p> <p>The learners explore the capital market and understand role of SEBI.</p>
					3.6.6	PROJECT WORK	<p>To give practical exposure to the students.</p> <p>To give the learners an opportunity to collect data and synthesize them in an effective manner by application of research techniques.</p> <p>To acquaint students with research-based project work by implementing Research Methodology.</p>	<p>The students are able to prepare research based project by implementing research methodology and techniques</p> <p>Students get greater exposure due to the fieldwork.</p>
					UBIFSI.1	ENVIRONMENT & MNGT OF FINANCIAL SERVICES	<p>To enrich learners with knowledge of functioning of banks & Insurance companies</p> <p>To study the mobilization of funds by Banking & Insurance sector</p> <p>To study Indian financial Market, Financial instruments & Financial regulates</p> <p>To Help learners understand the role of banks & Insurance sector in the world today.</p>	<p>Learners know overall financial system in India</p> <p>Learners know the impact of development in banking & insurance sector</p> <p>Learners know the risks in ALM & know the organizational structure of banking</p> <p>Learners know the legal framework ins Banking & Insurance business</p>
					UBIFSI.2	PRINCIPLES OF MANAGEMENT	<p>To familiarize learners about the concepts and different levels of management</p> <p>To demonstrate how management happens in Banking and Insurance Industry</p> <p>To make learners to understand Management process and practices</p> <p>To elaborate about the Organizational structure in Banking and Insurance</p> <p>To inculcate the different views of Business and Indian Leaders growth and their achievements</p> <p>To familiarize the contribution of International Leaders towards Corporate growth</p>	<p>The learners will able to define the concepts and have the clarity about levels of management</p> <p>The learners demonstrate how management happens in Banking and Insurance Industry</p> <p>The learners can elaborate the Management process and practices</p> <p>The learners able to identify the Organizational structure followed in Banking and Insurance Industry</p> <p>The learners enable to learn the different views of Business and Indian leaders and their development</p> <p>The learners explain he contribution of Internal Leaders towards Corporate Growth</p>
					UBIFSI.6	BUSINESS ECONOMICS - I	<p>To familiarize the students with the basic concept of Business Economics</p> <p>To understand demand and supply analysis in business applications</p> <p>To Enhance knowledge on production and cost function, break even analysis and economies of scale</p> <p>To understand the importance of Demand forecasting and estimation in the business world</p> <p>To understand markets structures such as perfect competition, monopoly, monopolistic competition and oligopoly</p> <p>To understand various pricing models used in business</p>	<p>Develop concept understanding about Business Economics</p> <p>Develop an understanding about demand and supply analysis in business applications</p> <p>Builds the ability to correlate the cost and production functions</p> <p>Gain insight about the market structures</p> <p>Develop an understanding about pricing models</p> <p>Gains overall understanding about business economics</p>
		To provide overall knowledge and exposure about Banking, Financial Markets and Insurance sector.	The students will gain the overall knowledge about banking and insurance sector. Students will					



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	BACHELOR OF BANKING AND INSURANCE	To make the students employable and impart industry-oriented training in the field of Banking, Insurance and Financial Markets. To stimulate analytical skills and professional competence required in Banking and Insurance sectors.	Students will be able to demonstrate the understanding of banking, insurance and financial market products and technologies. Students will develop the analytical skills and professional competence required in Banking and Insurance sectors.	SEM - I	UBIFSI.4	BUSINESS COMMUNICATION - I	<p>To familiarize learners with the theory of communication</p> <p>To inculcate various oral and written skills needed for effective communication.</p> <p>To demonstrate the effective uses of communication technology.</p> <p>To learn to write letters for various business purposes.</p> <p>To develop an awareness about the complexity of communication in a dynamic business environment.</p>	<p>The learners explain the theory of communication</p> <p>The learners display various oral and written skills needed for effective communication.</p> <p>The learners demonstrate the effective use of communication technology.</p> <p>The learners develop an awareness about the complexity of communication in dynamic business environment.</p> <p>The learners learn to apply the various skills of communication to actual life situations.</p>
					UBIFSI.7	QUANTITATIVE METHODS - I	<p>To make students understand the concept of averages and dispersion</p> <p>To make students understand the concept of correlation and regression</p> <p>To make students understand the concept of probability and decision theory</p> <p>To make students aware of term index no and its concept</p> <p>To make students aware of insurance and its benefits</p>	<p>Students learn to calculate different types of averages and also how the data is distributed around the central tendencies</p> <p>Students learn to estimate the value of one variable when other is known through regression and correlation</p> <p>Students learn to understand and calculate possibility of any particular event and also, they get to know about expected result, through decision theory students learn to make best decision based on different action and their nature</p> <p>Students learn to calculate the index no so they can compare the present price with base year's price and also the actual percentage increment in their family budget</p> <p>Students learn the need and basics of insurance and their premiums and the claims</p>
					UBIFSI.3	FINANCIAL ACCOUNTING-I	<p>To have knowledge of basic accounting concepts such as journal, ledger, subsidiary book, journal proper and bank reconciliation statements.</p> <p>To imbibe knowledge on AS -1,2,6,8,9 & 10 and an overview of Ind-AS vis-à-vis IFRSs.</p> <p>To Understand closing of accounts at the end of the year for sole trading concern and partnership firms</p>	<p>Students can pass entries, prepare ledger, trial balance and know basic accounting concepts.</p> <p>Students can divide the incomes and expenses into various classes</p> <p>Can prepare the bank reconciliation statement and they are familiar with the accounting standards.</p> <p>Student value closing stock with various methods Students can do hire purchase accounting.</p> <p>Students can prepare final account of a manufacturing firm.</p>
					UBIFSI.5.1	FOUNDATION COURSE - I	<p>To introduce students to the overview of the Indian Society.</p> <p>To enable students, learn about prevailing disparities among various groups of society.</p> <p>To help them understand the Constitution of India.</p> <p>To enable students, learn about Panchayati Raj system and local self-government bodies.</p> <p>To acquaint them with the socio-political & economic problems of India</p>	<p>Student learns about the overview of the Indian Society.</p> <p>Student learns about prevailing disparities among various groups of society.</p> <p>Student understands the significant elements of the Constitution of India.</p> <p>Student enables to learn about Panchayati Raj system and local self-government bodies.</p> <p>Student develops the ability to think about the socio-political & economic problems of India</p>
					UBIFSI.1	PRINCIPLES & PRACTICES OF BANKING & INSURANCE	<p>To enable the learners to understand the functions, regulations and supervisions of banking</p> <p>To provide information related to different events in history that shaped the banking landscape and banking operations in India</p> <p>To provide basic understanding of the Insurance industry in India</p> <p>To understand the relationship between risk and return</p> <p>To understand the actuarial role, IRDA act, claim and settlement procedures</p>	<p>Elucidate the banking functions, regulations and supervisions</p> <p>Describe the evolution of banking industry in India</p> <p>Summarize the Insurance industry in India</p> <p>Interpret the relationship between risk and return</p> <p>Illustrate the actuarial role, IRDA act, claim and settlement procedures</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF BANKING AND INSURANCE	To provide overall knowledge and exposure about Banking, Financial Markets and Insurance sector. To make the students employable and impart industry-oriented training in the field of Banking, Insurance and Financial Markets. To stimulate analytical skills and professional competence required in Banking and Insurance sectors.	The students will gain the overall knowledge about banking and insurance sector. Students will be able to demonstrate the understanding of banking, insurance and financial market products and technologies. Students will develop the analytical skills and professional competence required in Banking and Insurance sectors.	SEM - II	UBIFSII.2	BUSINESS LAW	<p>To understand the relevance of business law to individuals and businesses and the role of law in an economic, political and social context.</p> <p>To identify the fundamental legal principles behind contractual agreements.</p> <p>To understand how the businesses can be held liable in tort for the actions of their employees.</p> <p>To understand the legal and fiscal structure of different forms of business organizations and their responsibilities as an employer.</p> <p>To acquire problem solving techniques and to be able to present coherent, concise legal argument.</p>	<p>Understands the global business laws and its impacts on businesses.</p> <p>Explains the concepts in business laws with respect to foreign trade</p> <p>Apply the global business laws to current business environment</p> <p>Analyse the principle of international business and strategies adopted by firms to expand globally</p> <p>Integrate concept of business law with foreign trade</p>	
				UBIFSII.3	FINANCIAL ACCOUNTING - II	<p>Understanding valuation of goodwill and shares.</p> <p>Buyback of equity shares.</p> <p>Redemption of preference shares and debentures.</p>	<p>This subject enables the students to combine practical and theoretical knowledge of financial accounting.</p> <p>Prepare firm's performance to external parties such as creditors and tax authorities.</p> <p>Financial records maintain in a systematic manner helps to fetch data at any time.</p> <p>Acts as legal evidence in the case of disputes.</p> <p>This subject helps the student to identify and analyse financial accounting problems and opportunities in real life situation.</p>	
				UBIFSII.4	BUSINESS COMMUNICATION - II	<p>To familiarize learners with types of interviews.</p> <p>To enable learners to prepare for interview and group discussion.</p> <p>To enable learners to write reports.</p> <p>To learn to write various trade letters.</p> <p>To enable learners to apply the various skills of communication to actual life situations.</p>	<p>The learners explain the types of interviews.</p> <p>The learners develop an awareness about the conduct of meeting and organizing a conference.</p> <p>The learners display writing skills through business letters.</p> <p>The learners learn to apply the various skills of communication to actual life situations.</p>	
				UBIFSII.5.1	FOUNDATION COURSE - II	<p>To acquaint them with issues related to Globalisation.</p> <p>To help them understand human rights.</p> <p>To help them understand about the significance of nature and sustainable development.</p> <p>To help them understand stress & conflict.</p> <p>To help them understand the coping mechanisms of stress & conflict in contemporary society.</p> <p>To acquaint them with the socio-political & economic problems of India.</p>	<p>Student acquaints about the issues related to Globalisation.</p> <p>Student develops understanding about human rights.</p> <p>Student enables to learn about significance of nature and sustainable development.</p> <p>Student understands stress & conflict.</p> <p>Student understands about the coping mechanisms of stress & conflict in contemporary society.</p> <p>Student develops the ability to think about the socio-political & economic problems of India.</p>	
				UBIFSII.6	ORGANISATIONAL BEHAVIOUR	<p>To familiarize the learners with the concept and theories of Organizational Behaviour</p> <p>To develop an awareness about IQ, EQ and SQ of individual behaviour</p> <p>To demonstrate Organizational Culture and Change Management for the learners</p> <p>To Evaluate Organizational techniques and development</p>	<p>The learners explain the theories of organizational Behaviour</p> <p>The learners develop the awareness about IQ, EQ and SQ of individual behaviour</p> <p>The learners will demonstrate about organizational Culture and Change Management</p> <p>The learners will analyse and learn the organizational development</p>	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UBIFSII.7	QUANTITATIVE METHODS - II	<p>To make students understand the concept of testing of hypothesis</p> <p>To make students understand the concept of LPP in industrial use</p> <p>To make students aware of different kind of matrices and their operation</p> <p>To make students understand the concept of ratio and proportion</p> <p>To make students aware of different kind of investment and key economic indicators</p>	<p>Students learn to calculate the parameter to select or reject any claim made on the basis of distribution, normal table and also the area of rejection</p> <p>Students learn to formulate the LPP under given constraints and also estimate the maximum and minimum value of objective function (Profit or Cost)</p> <p>Students learn to calculate determinant, solving system of equation, different kinds of operations and also how to find the inverse of any given matrix</p> <p>Students learn to calculate ration and proportion, and also how it's useful in solving sums on "time and work"</p> <p>Students learn the need and basics of investment and also to calculate the return of investment in different option to choose the best one, also they learn the importance and usefulness of key economic indicators like GDP, Inflation rate, agricultural production index for industrial production</p>
BACHELOR OF BANKING AND INSURANCE	To provide overall knowledge and exposure about Banking, Financial Markets and Insurance sector. To make the students employable and impart industry-oriented training in the field of	The students will gain the overall knowledge about banking and insurance sector. Students will be able to demonstrate the understanding of banking, insurance and financial market	SEM - III	UBBISIII.7	FOUNDATION COURSE - CONTEMPORARY ISSUES - III	<p>To understand violation of human rights and redressal mechanism.</p> <p>To understand various types of disasters and their effects on human life.</p> <p>To explain brief history of science.</p> <p>To compare science and technology.</p> <p>To develop scientific temper.</p> <p>To enable learners to learn and apply soft skills for effective interpersonal communication.</p>	<p>The learners become aware of rights of vulnerable sections of society.</p> <p>The learners understand potential threats of environmental disasters.</p> <p>The learners explain the development of science and develop scientific temper.</p> <p>The learners display soft skills in their interpersonal communication.</p>	
				UBBISIII.2	FINANCIAL MANAGEMENT - I	<p>To provide knowledge of practical aspects to develop skills in taking financial, investment and dividend policy decisions.</p> <p>To make the students understand the basic concepts of Capital budgeting & rationing.</p> <p>To explain the Concept of finance and sources of finance Knowledge and understanding of financial management and financial planning.</p>	<p>Learners develop finer understanding of various financial management concepts</p> <p>Learners develop analytical skills of evaluating investment alternatives</p> <p>Learners determine optimum capital structure, cost of capital, capital budgeting techniques.</p>	
				UBBISIII.3	MANAGEMENT ACCOUNTING	<p>To enhance the abilities of learners to understand the Scope, Importance, Framework and Tools of Management Accounting.</p> <p>To enable the learners to calculate and analyse the different types of ratios.</p> <p>To enable the learners to compute the estimated working capital.</p> <p>To enhance the abilities of learners to understand the factors influencing dividend policy and the forms of dividend.</p>	<p>Explains the scope, Importance, Framework and Tools of Management Accounting.</p> <p>Calculate the different types of ratios, analyse and interpret the financial statements.</p> <p>Compute the estimated working capital.</p> <p>Develop the ability to analyse the factors influencing dividend policy and understand the forms of dividend.</p>	
				UBBISIII.6	FINANCIAL MARKETS	<p>To provide an overview of Indian Financial System</p> <p>To study the Financial Markets in India with reference to Money Market, Capital Market, Indian Stock Market, Equity and Debt Market</p> <p>To understand the Commodities Market</p> <p>To understand the Derivatives Market</p>	<p>Develops the ability to illustrate the components of Financial System</p> <p>Gain insight about Financial Market in India with reference to Money Market, Capital Market, Indian Stock Market, Equity and Debt Market</p> <p>Stimulate investments among students</p> <p>Builds an understanding about Commodities Market and Derivatives Market</p>	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	INSURANCE	Banking, Insurance and Financial Markets. To stimulate analytical skills and professional competence required in Banking and Insurance sectors.	market products and technologies. Students will develop the analytical skills and professional competence required in Banking and Insurance sectors.		UBBISIII.5	INFORMATION TECHNOLOGY IN BANKING & INSURANCE- I	To familiarize with E-Commerce. To acquaint the concepts of E-Banking, Electronic Payment System. To develop skills related to MS-Office and learn application in banking and insurance sector To acquaint learner with the knowledge of Cybercrime and Cyber Security	The learner understands the concept of Electronic Commerce, WWW. The students are able to recognize various concepts of E-banking and Electronic Payment System (EPS). Students are able to practically apply the MS- office and gains insight about banking and insurance applications Gains Knowledge, awareness and understanding of Cyber law, Cyber Crimes and Cyber Security.
					UBBISIII.4	ORGANIZATIONAL BEHAVIOUR	To Understand the individual Behaviour & Individual decision Making To learn the group Dynamics and group decision –making To understand the organizational dynamics & organizational Climate To learn practice of OB in Banks & Insurance through case studies.	Learners know individual Behaviour & Individual decision Making Learners know group Dynamics and group decision –making Learners know the organizational dynamics & organizational Climate Learners know the practice of OB in Banks & Insurance through case studies
					UBBISIII.1	DIRECT TAXATION	To acquaint learners with the basics of Income Tax in India. To enable learners to classify income under five heads as stated under Income Tax Act. To familiarize learners with deductions that could be availed from gross total income so as to arrive at taxable income. To develop an awareness among learners of income which are exempt from tax under section 10 of Income Tax Act To enable learners to compute total income under Income Tax Act.	The learners developed an awareness of basics of Income Tax in India. The learners displayed ability to classify income under five heads as stated under Income tax Act. The learners gained awareness of deductions that could be availed to arrive at net taxable income. The learners developed knowledge of incomes which are exempt from tax under section 10 of Income Tax Act. The learners were able to apply the provisions of Income Tax Act and computed total income.
2C00345					UBIFSIV.1	FINANCIAL MANAGEMENT II	To develop understanding of various Receivable management issues in financial management. To provide knowledge and understanding of financial planning, Study of strategic financial management. To explain working capital management and its components	Learners understand various aspects like cash, receivable, inventory management and their importance in financial management. They understand the concept of financial planning and strategic financial management. Learners understands the concept of working capital management and its components.
					UBIFSIV.2	COST ACCOUNTING OF B & I	To enhance the abilities of learners to understand the concept of cost accounting and its significance. To enable the students to prepare statement of reconciliation as per cost and financial accounts. To enhance the abilities of learners in analysing the reason for variances. To enable the learners to use the technique of marginal costing in computing the contribution, breakeven analysis & profit volume ratio.	Explains the concept and significance of cost accounting. Classify and prepare the statement of reconciliation as per cost & financial accounts. Evaluate the reason for variances by comparing standard cost with Actual cost Develop the ability to prepare the statement of marginal cost & compute contribution, breakeven analysis & profit volume ratio.
					UBIFSIV.3	ENTREPRENEURSHIP MANAGEMENT	To enrich learners with knowledge about Entrepreneur To study about Business planning To study about key areas of new ventures To help learners understand Evolving concepts in Entrepreneurship	Learners know about Entrepreneur Learners know Business planning and process Learners know about key areas of new ventures related to marketing, operations, Finance, Human resources Learners know Evolving concepts in Entrepreneurship.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF BANKING AND INSURANCE	<p>exposure about Banking, Financial Markets and Insurance sector. To make the students employable and impart industry-oriented training in the field of Banking, Insurance and Financial Markets. To stimulate analytical skills and professional competence required in Banking and Insurance sectors.</p>	<p>knowledge about banking and insurance sector. Students will be able to demonstrate the understanding of banking, insurance and financial market products and technologies. Students will develop the analytical skills and professional competence required in Banking and Insurance sectors.</p>	SEM - IV	UBIFSIV.4	INFORMATION TECHNOLOGY IN BANKING & INSURANCE II	<p>To familiarize applications of internet such as Email, Google Drive. To acquaint the e-banking business models. To acquaint the learner with knowledge of e-business and techno management To acquaint learner with the knowledge of Banking Software.</p>	<p>Understands basic concepts of Email, Internet and websites, domains and security Recognizes the various banking models in e-business, highlighting electronic transactions, advanced security features Understands e-business and techno management and application of I.T in banking. Knowledge of MSOffice packages for institutional automation. Learner will get basic knowledge of banking software.</p>	
				UBIFSIV.5	FOUNDATION COURSE IV	<p>To understand the contemporary rights of citizens – Consumer Rights, RTI, PIL and Citizen Charter To explore the landmark judgments by HC and SC in cases violating citizens' rights. To understand various approaches to Ecology. To explain various environmental principles. To understand major scientific and technological changes of modern times. To learn basic information about various competitive examinations. To enable learners to apply soft skills.</p>	<p>The learners become aware of her/his rights and summarizes landmark verdicts by judiciary. The learners interpret various approaches to ecology. The learners summarize technological advancement and their applications. The learners display soft skills.</p>	
				UBIFSIV.6	CORPORATE & SECURITIES LAW	<p>To impart knowledge on the formation, management and other activities of Companies and its application to the Banking & Insurance sector. To make the Learners Understand the relevance of Memorandum, Articles of Association and Prospectus. To familiarize learners on the various concepts of securities. To develop an awareness about the process of working of various stock exchanges and its participants. To demonstrate the importance of SEBI as a regulator of Capital Markets in India and the regulations issued by SEBI to raise capital in the form of ICDR's. To enable students to appreciate the need and procedure for holding shares in electronic form.</p>	<p>Students will be able to explain the relation of shareholders and debenture holders. Learner will be able to relate to the use of the documents for the formation of Companies. The student appreciates the provisions of Company Law and its application to banking & Insurance sector. The students will understand the role of SEBI as a Regulator of Capital Markets in India. The students will be able to appreciate the guidelines issued by SEBI for Bonus, Buyback, Rights issue, E- IPO, Portfolio Management Services and also expand their horizons in planning their career aspirations. Students will acquire knowledge on the working of the stock exchanges and the intermediaries. Students will be aware of the process of dematerialisation, the role of Depositories (NSDL, CDSL) in India. The student appreciates the benefit and convenience of the electronic form of holding investments.</p>	
				UBIFSIV.7	BUSINESS ECONOMICS-II	<p>To understand basic theoretical framework in the field of macroeconomics. To understand Demand and Supply of Money and types of Inflation To give in-depth knowledge about how economy is regulated through monetary and fiscal policies To make student aware of the international trade, foreign investment, BOP and Foreign exchange market</p>	<p>Elucidate the basic theoretical framework in the field of macroeconomics Builds the ability to understand demand and supply of Money and types of inflation Gains knowledge and functioning of Monetary and Fiscal policies Develops concept understanding about international trade, foreign investment, BOP and Foreign exchange market</p>	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF BANKING AND INSURANCE		To provide overall knowledge and exposure about Banking, Financial Markets and Insurance sector. To make the students employable and impart industry-oriented training in the field of Banking, Insurance and Financial Markets. To stimulate analytical skills and professional	The students will gain the overall knowledge about banking and insurance sector. Students will be able to demonstrate the understanding of banking, insurance and financial market products and technologies. Students will develop the analytical skills and professional	SEM - V	UBIFSV1	STRATEGIC MANAGEMENT	<p>To enable the learners to understand the overview of Strategic Management and their use in business world</p> <p>To gain knowledge about the Strategic Management Environment</p> <p>To understand the different corporate level strategies</p> <p>To develop the understanding of different strategy models</p> <p>To enable the learners to understand the evaluation and control tools during the strategic implementation process</p> <p>To understand the overall process of strategic management</p>	<p>Develops an understanding about the overview of strategic management</p> <p>Gain insight about Strategic Management Environment</p> <p>Build ability to identify the corporate level strategies and its applicability</p> <p>Develops understanding and application of strategy models as per the business situations</p> <p>Understands the importance of evaluation and control tools during the strategic implementation process</p> <p>Gain insight about the overall process of Strategic Management and provide strategic solutions to the problems</p>
					UBIFSV2	FINANCIAL SERVICES MANAGEMENT	<p>To familiarize the students with the concepts of Financial Management.</p> <p>An in-depth insight into the Various Financial Services.</p> <p>Managing investment in primary market and secondary market.</p> <p>To acquaint the students in respect to the investment decisions related to Derivative market.</p> <p>To understand the investment objectives, developing optimal portfolio strategies, estimating risk-return trade-offs, evaluating investment performance and portfolio revision technique.</p>	<p>Examine Financial Services management as an important and contemporary area of financial management.</p> <p>Understand the various financial services and their future</p> <p>Determine the most suitable financial service Factoring</p> <p>The students get familiarized with Mutual Funds</p> <p>Making a deep understanding on credit rating and its regulatory.</p>
					UBIFSV3	INTERNATIONAL BANKING & FINANCE	<p>To enrich learners with knowledge of fundamentals of international finance</p> <p>To study the about international Capital Market</p> <p>To study about foreign exchange market</p> <p>To Help learners understand the role of banks in Risk management& international Banking</p>	<p>Learners know the fundamentals of international finance</p> <p>Learners know the international Capital Market</p> <p>Learners know about foreign exchange market</p> <p>Learners know the role of banks in Risk management& international Banking operations</p>
					UBIFSV4	FINANCIAL REPORTING AND ANALYSIS	<p>The main objective is to provide understanding of Banking Companies.</p> <p>The main objective is to provide understanding of Insurance Companies.</p> <p>It includes the accounting of Corporates as per the latest guidelines issued.</p> <p>Knowledge and understanding of cash flow in banking and insurance companies.</p> <p>To study the ethical aspects of accountancy.</p> <p>Learn the working and implication of IFRS.</p>	<p>Students will be able to prepare and analyse Banking Company Final accounts. The student will be able to appreciate the provisions of the RBI Act and Banking Regulation Act.</p> <p>Students will be able to prepare and analyse Insurance Company Final accounts. Insurance Accounting of General Insurance Companies is understood by the students.</p> <p>Students can prepare and analyse final accounts of company taking into accounts the accounting standards.</p> <p>Students can prepare and analyse the cash flow statement. Learn Company code of ethics, its importance and implications. Students will be able to develop acceptable attitudes and viewpoints wrt business ethics and social responsibility.</p> <p>Learn the working and implication of IFRS. Students will be able to develop vital critical thinking skills</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome	
		professional competence required in Banking and Insurance sectors.	competence required in Banking and Insurance sectors.		UBIFSV5	BUSINESS ETHICS AND CORPORATE GOVERNANCE	<p>To understand the Business Ethics and to provide best of business ethics.</p> <p>To learn the values and implement in their careers to become a good banking professional.</p> <p>To develop various corporate social responsibilities and practice in their professional life.</p> <p>To understand various theories of corporate governance.</p> <p>To imbibe the ethical issues in corporate governance and to adhere to the ethical codes.</p>	<p>The learners will be able to understand the concept of Business Ethics.</p> <p>The learners will be able to analyse corporate social responsibility.</p> <p>The learners learn to apply ethics in decision making.</p> <p>The learners will be able to analyse various ethical codes in corporate governance.</p> <p>The learners will be able to interpret ethical values in reference to teachings of major world religions.</p> <p>The learners will be able to analyse the employee's condition and business ethics.</p> <p>The learner explores corporate governance and issues related to scams in banking and insurance industry.</p>	
					UBIFSV7	RESEARCH METHODOLOGY	<p>To familiarize the learners with the concepts and types of research</p> <p>To evaluate hypothesis and sampling techniques</p> <p>To demonstrate the data collection and processing</p> <p>To inculcate various data analysis and interpretation</p> <p>To explain the advanced techniques in report writing</p>	<p>The learners able to explain and analyse the types of research</p> <p>The learners able to understand hypothesis and sampling techniques</p> <p>The learners apply various data collection and processing during their research</p> <p>The learners enable to apply different data analysis and interpretation</p> <p>The learners apply the advanced techniques in research writing</p>	
					UBIFSV11	SECURITY ANALYSIS & PORTFOLIO MANAGEMENT	<p>To familiarize the learners the concept of portfolio managements and different types of return and risks.</p> <p>To enable the learners to measure the returns and bonds.</p> <p>To enable the learners to measure the securities through different methods of fundamental analysis.</p> <p>To develop an understanding amongst the learners about Dow theory and different types of technical analysis.</p> <p>To develop an understanding amongst the learners about Capital Asset Pricing Model and Arbitrage Pricing Theory.</p>	<p>The learner explains the concept of portfolio managements and different types of return and risks.</p> <p>The learner learns to measure the value of returns and bonds.</p> <p>The learner learns to measure the securities through different methods of fundamental analysis.</p> <p>The learner develops an understanding about Dow theory and different types of technical analysis.</p> <p>The learner develops an understanding about Capital Asset Pricing Model and Arbitrage Pricing Theory.</p>	
					UBIFSV12	CENTRAL BANKING	<p>To understand the concept of Central Bank.</p> <p>To know the changing role of Central Bank.</p> <p>To learn about the policy framework of Central Bank in India.</p> <p>A comparative study of major Central Banks across the world.</p> <p>To explore the relationship between Central Bank and other major International financial institution.</p> <p>To understand the potential risks involved in banking business and RBIs role in IT era.</p>	<p>The learners define Central Banking and explains changing role of CBs.</p> <p>The learners summarize framework of RBI and describes monetary and fiscal policy.</p> <p>The learners compare the difference between CBs of other countries with RBI.</p> <p>The pupil explains interconnection between CBs and international financial institutions.</p> <p>The pupil learns to distinguish risks and challenges in new banking</p>	
		To provide overall knowledge and exposure about	The students will gain the overall knowledge						



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF BANKING AND INSURANCE	Banking, Financial Markets and Insurance sector. To make the students employable and impart industry-oriented training in the field of Banking, Insurance and Financial Markets. To stimulate analytical skills and professional competence required in Banking and Insurance sectors.	Knowledge about banking and insurance sector. Students will be able to demonstrate the understanding of banking, insurance and financial market products and technologies. Students will develop the analytical skills and professional competence required in Banking and Insurance sectors.	SEM - VI	UBIFSVI3	HUMAN RESOURCE MANGAEMENT	<p>To familiarize the framework of HRM</p> <p>To demonstrate Job analysis and Job Design</p> <p>To analyse the HR planning and Recruitment</p> <p>To enable learners to evaluate training and development for Employees</p> <p>To inculcate the various compensation applied for employees in banking and insurance</p>	<p>The learners explain the framework of human resource management</p> <p>The learners demonstrate the Job analysis and job design</p> <p>The learners develop the awareness of HR planning and recruitment</p> <p>The learners will evaluate Training and development of employees</p> <p>The learners can understand how compensation is implemented in banking and insurance</p>	
				UBIFSVI4	TURNAROUND MANAGEMENT	<p>To enhance the abilities of learners about introduction to Business</p> <p>To understand the overview of Industrial Sickness</p> <p>To develop the concept of Turnaround Management strategies</p> <p>To understand the concept of Outsourcing, networking, franchising, free lancing, self-financing and start up</p> <p>To understand and connect different concepts of Leadership and Turnaround Management</p>	<p>Develops the understanding about introduction to business</p> <p>Gains insight about the industrial sickness</p> <p>Develops the understanding about turnaround management strategies</p> <p>Describes the concepts of Outsourcing, networking, franchising, free lancing, self-financing and start up</p> <p>Explains the different concepts of leadership and turnaround management</p>	
				UBIFSVI5	INTERNATIONAL BUSINESS	<p>To educate the learner about the evolution, nature and need for International Business.</p> <p>To familiarize the learner the role of global Economic Institution like the World Bank, IMF, GAT, WTO, etc., the integration between countries.</p> <p>To teach the learner the challenges faced in Human Resource Management in the International market and international marketing related to pricing, decisions, dumping and policies.</p> <p>To educate the learner about the preliminaries of export and import documentation, methods, registration, schemes, etc.</p> <p>To teach the learner the procedures of Import and Export and Foreign trade policy necessary for the international market like ASIDE, MAI & MDA, EPCG Scheme, etc.</p>	<p>The learner learns about the evolution, nature and need for International Business.</p> <p>The learner is introduced to the global Economic Institution like the World Bank, IMF, GAT, WTO, etc., the integration between countries.</p> <p>The learner expertise in the preliminaries of export and import documentation, methods, registration, schemes, etc.</p> <p>The learner takes care of the preliminaries of export and import documentation, methods, registration, schemes, etc. necessary for the international business.</p> <p>The learner is aware of the procedures of Import and Export and Foreign trade policy necessary for the international market like ASIDE, MAI & MDA, EPCG Scheme, etc. that facilitates the smooth functioning of the International Business.</p>	
				UBIFSVI7	PROJECT ON INSURANCE	<p>The main objective of inclusion of project work is to inculcate the element of research analysis and scientific temperament and challenging the potential of learner as regards to his/ her eager to enquire and ability to interpret particular aspect of the study</p> <p>It is expected that the guiding teacher should undertake the counselling sessions and make the awareness among the learners about the methodology of formulation, preparation and evaluation pattern of the project work</p>	<p>Develop the understanding about research methodology and research design</p> <p>Develop the understanding of collecting research data</p> <p>Analyse and interpret the data</p> <p>Establish the finding and conclusions</p> <p>Prepare project work based on research methodology in the study area</p> <p>Prepare project work based on internship in the study area</p>	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF MANAGEMENT STUDIES		Provide strong disciplinary foundation To equip with understanding & comprehensive knowledge Management Equip the students to work individually and in teams for the collaborative projects Enrich students with management subject related and transferable skills that are relevant to job trade and employment opportunities Commit to professional	The learner will be able to define and cite the concepts of management The learner will be able to apply the principles of management in the employment The learner will be able to classify the different modes of leadership skills The learner will be able to compare the theories of management with the contemporary issues The learner will be able to	SEM - I	UBMSFSI.1	INTRODUCTION TO FINANCIAL ACCOUNTS	To familiarize with basic accounting concepts and their significance in business management. To focus on the concepts and practices of financial accounting and how to apply them in a variety of practical scenarios. To equip with knowledge of the preparation of final accounts for sole proprietorships.	The student will be able to understand the fundamental accounting terms. The students will be able to record financial transactions in the books of accounts on their own. The students will be able to prepare final accounts for a sole proprietorship
					UBMSFSI.2	BUSINESS LAW	To highlight the relevance of business law to individuals and businesses and the role of law in an economic, political and social context To identify the fundamental legal principles behind contractual agreements To examine how businesses can be held liable in tort for the actions of their employees To understand the legal structure of different forms of business organizations and the responsibilities of an employer	Students will understand the legal aspects of business Students will be able to apply basic legal knowledge to business transactions Students will be able to use standard business and legal terminology Students will become familiar with rules, regulations and laws governing organizations and employers
					UBMSFSI.3	BUSINESS STATISTICS	To enable the students to get acquainted with various statistical techniques. To understand the techniques of correlation and regression for one and two variables To use index numbers and time series analysis To apply techniques of decision making along with probability	Students will understand the use of averages and measures of dispersion Students will be able to apply various techniques of correlation and regression Students will be able to use index numbers along with time series analysis Students will be able to understand probability and apply various techniques of decision making.
					UBMSFSI.4	BUSINESS COMMUNICATION I	To familiarize learners with the theory of communication To inculcate various oral and written skills needed for effective communication. To demonstrate the effective uses of communication technology. To learn to write letters for various business purposes. To develop an awareness about the complexity of communication in a dynamic business environment. To enable learners to apply the various skills of communication to actual life situations.	The learners explain the theory of communication The learners display various oral and written skills needed for effective communication. The learners demonstrate the effective use of communication technology. The learners develop an awareness about the complexity of communication in dynamic business environment. The learners learn to apply the various skills of communication to actual life situations
					UBMSFSI.5.1	FOUNDATION COURSE I	To introduce students to the overview of the Indian Society. To enable students, learn about prevailing disparities among various groups of society. To help them understand the Constitution of India. To enable students, learn about Panchayati Raj system and local self-government bodies. To acquaint them with the socio-political & economic problems of India.	Student learns about the overview of the Indian Society. Student learns about prevailing disparities among various groups of society. Student understands the significant elements of the Constitution of India. Student enables to learn about Panchayati Raj system and local self-government bodies. Student develops the ability to think about the socio-political & economic problems of India.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome	
		professional ethics & responsibilities of management.	will be able to articulate the account of the knowledge gained		UBMSFSI.6	FOUNDATION OF HUMAN SKILLS	<p>To understand basic concepts, theories and techniques in the field of human behaviour at the individual, group and organizational levels in the changing global scenario</p> <p>To understand how and why people behave in a said manner either as individuals or in groups</p> <p>To understand how behaviour affects individual performance and performance of the organization as a whole</p> <p>To understand how to effectively modify the behaviour for enhanced performance</p>	<p>Students will have an understanding about the type of human behaviour that they could experience or be exhibiting at an individual, group or organizational level</p> <p>Students will get an insight into the reasons for certain kinds of individual and group behaviour</p> <p>Students will be able to gauge the relationship between behaviour and performance</p> <p>Students will be able to analyse their behaviour and learn to modify it to enhance their performance</p>	
					UBMSFSI.7	BUSINESS ECONOMICS I	<p>To familiarize learners with Business Economics</p> <p>To enable learners to identify market forces of demand and supply and experiment the changes therewith in</p> <p>To train learners to evaluate elasticity of demand of a given product and forecast its demand in the near future</p> <p>To help learners in defining and distinguishing between different types of production functions</p> <p>To analyse types and causes of economies and diseconomies of scale</p> <p>To demonstrate break even analysis to the learners using cost and revenue concepts.</p>	<p>The learners define business economics and market forces of demand and supply.</p> <p>The learners identify and/or calculate elasticity of demand and correlate it with demand forecast</p> <p>The learners categorize different production functions and interpret the economies and diseconomies of scale</p> <p>The learners define different types of costs and revenues and calculate Break-Even price and quantity sales</p>	
					UBMSSII.1	PRINCIPLES OF MANAGEMENT	<p>To familiarize students with the need for traits and competencies required by managers</p> <p>To understand the basic principles of management</p> <p>To understand applications of Principles of Management to various scenarios</p> <p>To know about the development of Management theories for effective application in business scenarios</p>	<p>Students will understand the traits and competencies required to take up managerial positions and the various managerial roles.</p> <p>Students will be aware of the basic management principles to be followed by business organisations for success</p> <p>Learners will understand the practical applications of management principles in real world scenarios through cases and presentations</p> <p>The students will acquire knowledge about different management theories and practices for effectiveness in business scenarios</p>	
					UBMSSII.2	INDUSTRIAL LAW	<p>To understand the development and the judicial setup of Labour Laws.</p> <p>To learn the salient features of welfare and wage legislations.</p> <p>To learn the laws relating to Industrial Relations, Social Security and Working conditions</p>	<p>Students will become familiar with the development and the judicial setup of Labour Laws.</p> <p>Students will learn the salient features of welfare, wage legislations and ways to integrate the knowledge of Labour Law in HRD practice.</p> <p>Students will be acquainted with the various laws and learn the enquiry procedure and industrial discipline.</p>	
		Provide strong disciplinary foundation To equip with	The learner will be able to define and cite the concepts of						



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF MANAGEMENT STUDIES		understanding & comprehensive knowledge Management Equip the students to work individually and in teams for the collaborative projects Enrich students with management subject related and transferable skills that are relevant to job trade and employment opportunities Commit to professional ethics & responsibilities of management.	management The learner will be able to apply the principles of management in the employment The learner will be able to classify the different modes of leadership skills The learner will be able to compare the theories of management with the contemporary issues The learner will be able to articulate the account of the knowledge gained	SEM - II	UBMSSII.3	BUSINESS MATHEMATICS	<p>To acquaint management learners with basic mathematical calculations in business.</p> <p>To develop the use of mathematical functions in business operations</p> <p>To explain the core concepts of business mathematics and its involvement in financial cost of business operations.</p> <p>To understand the different strategic applications of mathematics in business operations</p>	<p>Students will be able to perform calculations on simple interest, compound interest, etc.</p> <p>Students will get to know about the usage of Cost-Revenue, Demand-Supply Functions etc., in business operations</p> <p>Students will be able to understand the role of financial concepts in making major financial decisions.</p> <p>Students will be acquainted with strategies such as permutations and combinations, marginal costs, etc. and their usage in business operations.</p>
					UBMSSII.4	FOUNDATION COURSE II	<p>To acquaint them with issues related to Globalisation.</p> <p>To help them understand human rights.</p> <p>To help them understand about the significance of nature and sustainable development.</p> <p>To help them understand stress & conflict.</p> <p>To help them understand the coping mechanisms of stress & conflict in contemporary society.</p> <p>To acquaint them with the socio-political & economic problems of India.</p>	<p>Student acquaints about the issues related to Globalisation.</p> <p>Student develops understanding about human rights.</p> <p>Student enables to learn about significance of nature and sustainable development.</p> <p>Student understands stress & conflict.</p> <p>Student understands about the coping mechanisms of stress & conflict in contemporary society.</p> <p>Student develops the ability to think about the socio-political & economic problems of India.</p>
					UBMSSII.5	BUSINESS COMMUNICATION II	<p>To familiarize learners with types of interviews.</p> <p>To enable learners to prepare for interview and group discussion.</p> <p>To enable learners to write reports.</p> <p>To learn to write various trade letters.</p>	<p>The learners explain the types of interviews.</p> <p>The learners develop an awareness about the conduct of meeting and organizing a conference.</p> <p>The learners display writing skills through business letters.</p> <p>The learners learn to apply the various skills of communication to actual life situations.</p>
					UBMSSII.6	BUSINESS ENVIRONMENT	<p>To comprehend the concept, significance, and changing dynamics of the business environment, as well as its many types and methods for analysing the environment.</p> <p>To gain a knowledge of the role of economic systems, economic planning, government policies, public sector and development banks, economic reforms, liberalization, and their impact on the organization.</p> <p>To know about the importance of global corporations, overseas alliances, and international organizations in the business world.</p> <p>To acquire knowledge of latest dimensions in the socio-cultural environment and their importance to a business firm.</p>	<p>The student will be able to identify and analyse the different internal and external aspects affecting the organization, as well as propose strategies to improve business problems.</p> <p>The student will also be aware of the elements that must be considered when expanding the firm internationally.</p> <p>The student will gain valuable insight into the growth potential accessible for enterprises in Indian marketplaces, allowing them to develop business plans accordingly.</p> <p>The student will recognize the significance of developing business plans and policies in accordance with the socio-cultural environment in which they operate.</p>
					UBMSSII.7	PRINCIPLES OF MARKETING	<p>To introduce marketing function in firms.</p> <p>To equip with understanding of the Marketing Mix elements as well as expose to some growing marketing concerns.</p> <p>To explore and focus on Indian experiences, approaches, and cases of various marketing techniques to select target audience.</p>	<p>The student will have an insight of an organization's marketing activities.</p> <p>The student will be able to determine the marketing mix elements employed by various types of organizations.</p> <p>The student will be exposed to modern marketing trends as well as traditional strategic approaches to understand target markets.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
		Provide strong disciplinary foundation To equip with understanding & comprehensive knowledge	The learner will be able to define and cite the concepts of management The learner will be able to apply the		UBMSIII.1	MOTIVATION AND LEADERSHIP	To enable the learner to understand the concepts and importance of tools of motivation To highlight and explain work life balance with reference to Indian scenario To explain various theories of leaderships To explain the characteristics of various leaders and different styles of leadership	The learner will be able to define concepts of motivation and utilize the tools of motivation The learner will be able to understand the importance of work life balance and use it in practical The learner articulates the techniques of leadership The learner is able understand contemporary issues in leadership roles and uses methods to resolve it.
					UBMSIII.2	RECRUITMENT & SELECTION	To familiarise the learner with the concepts of Recruitment & Selection To explain the various methods and processes To impart the knowledge of selection process, how to handle the hurdles To highlight the current trend of recruitment process in various fields To teach the Interview skills both from the prospective of the interviewer and interviewee	The learner will be able to define and cite the concepts of Recruitment & Selection The learner will be able to apply various methods of recruitment in the employment The learner will be able to analyse the selection hurdles and ways to overcome them The learner will be able to articulate the current trends in recruitment & selection strategies with respect to Services, Finance, Law, IT and Media Industry The learner will be able to develop soft skills and social skills.
					UBMSIII.3	ADVERTISING	To understand and examine the growing importance of advertising To understand the construction of an effective advertisement To understand the role of advertising in contemporary scenario	Students will understand the importance of advertising and its role in brand building is creating among students Students will be able to understand the critical processes that go in the construction of an effective advertisement Students will understand the role advertising in creating awareness and demand for brands in the contemporary scenario
					UBMSIII.4	CONSUMER BEHAVIOUR	The basic objective of this course is to develop an understanding about the consumer decision making process and its applications in marketing function of firms This course is meant to equip undergraduate students with basic knowledge about issues and dimensions of Consumer Behaviour. Students are expected to develop the skill of understanding and analysing consumer information and using it to create consumer-oriented marketing strategies	The learner is able to understand of how a consumer selects, purchases, uses and disposes of products and services. The learners also get to know various psychological and sociological dimensions of consumer behaviour within marketing



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF MANAGEMENT STUDIES		Management Equip the students to work individually and in teams for the collaborative projects Enrich students with management subject related and transferable skills that are relevant to job trade and employment opportunities Commit to professional ethics & responsibilities of management.	principles of management in the employment The learner will be able to classify the different modes of leadership skills The learner will be able to compare the theories of management with the contemporary issues The learner will be able to articulate the account of the knowledge gained	SEM - III	UBMSIII.5	STRATEGIC MANAGEMENT	<p>To describe the practical and integrative model of strategic management process that defines basic activities in strategic management</p> <p>To demonstrate the knowledge and abilities in formulating strategies and strategic plans</p> <p>To analyse the competitive situation and strategic dilemma in dealing with dynamic global business environment in terms of rapidly changing market trends and technological advancement</p> <p>To evaluate challenges faced by managers in implementing and evaluating strategies based on the nature of business, industry, and cultural differences</p>	<p>Learner will learn to analyse the main structural features of an industry and develop strategies that position the firm most favourably in relation to competition and influence industry structure to enhance industry attractiveness</p> <p>Learner will learn to recognize the different stages of industry evolution and recommend strategies appropriate to each stage.</p> <p>Learner will be able to appraise the resources and capabilities of the firm in terms of their ability to confer sustainable competitive advantage and formulate strategies that leverage a firm's core competencies.</p> <p>Learner will be able to demonstrate understanding of the concept of competitive advantage and its sources and the ability to recognize it in real-world scenarios</p>
					UBMSIII.6	ACCOUNTING FOR MANAGERIAL DECISIONS	<p>To acquaint with basic accounting fundamentals.</p> <p>To develop analytical skills with respect to financial statements.</p> <p>To explain the main principles of corporate finance and their significance in business management.</p> <p>To understand the various facets of accounting in a company context to aid decision making.</p>	<p>The student will be able to develop a good understanding of account preparation.</p> <p>The student will be able to improve skills such as analysing ratios and predicting working capital requirements, etc.</p> <p>The student will be able to differentiate between funds required and funds applied, as well as determine the operating cycle and manage receivables.</p> <p>The student will understand the practical implications of Common Size Statements, Comparative Statements, Trend Statements, Cash Flow Statements, and so on, which will give the learner with the required information to make appropriate judgments.</p>
					UBMSIII.7	BUSINESS PLANNING & ENTREPRENEURIAL MANAGEMENT	<p>To familiarize about the foundations of Entrepreneurship Development and their theories</p> <p>To analyse the different types of Entrepreneurs and their functions</p> <p>To demonstrate Entrepreneur Project development and business plan</p> <p>To explain venture development and their functions</p>	<p>The learners able to explain the concepts of Entrepreneurship and their theories</p> <p>The learners understand the different types of Entrepreneurs and their functions</p> <p>The learners will able to demonstrate Entrepreneur development and business plan</p> <p>The learners analyse venture development and their functions ,learn practical aspects of Venture development</p>
					UBMSIII.8	ENVIRONMENTAL MANAGEMENT	<p>To understand the Environmental concepts</p> <p>To demonstrate Environment degradation and impact of global warming</p> <p>To analyse the sustainability and the role of business</p> <p>To inculcate innovation in business – An Environment Prospective</p>	<p>The learners will able to explain Environmental concepts</p> <p>The learners demonstrate Environment degradation and impact of Global warming</p> <p>The learners able to analyse sustainability and role of business</p> <p>The learner applies the innovation in business – An Environment Prospective in an actual situation</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
2M0015		Provide strong disciplinary foundation To equip with understanding & comprehensive knowledge Management Equip the students to work individually and in teams for the	The learner will be able to define and cite the concepts of management The learner will be able to apply the principles of management in the employment The learner will be able to		UBMSIII.9	INFORMATION TECHNOLOGY IN BUSINESS MANAGEMENT-I	To learn basic concepts of Information Technology, its support and role in Management To enable practical hands-on training required for office automation To understand basic concepts of Email, Internet and websites, domains and security To recognize security aspects of IT in business, highlighting electronic transactions, advanced security features	Students will know the basics understanding of IT operation in Management Students will receive hands on training for office automation and prepare Google form, collate data, present it in graphical manner, MS Word, Power Point Presentation and Excel Students will learn the conceptual and application of Email, Internet, Websites, Domains and Security Students will learn the importance of security in IT systems and its application in real life transactions
					UBMSFSIV.3	INTEGRATED MARKETING COMMUNICATION	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. To understand the various tools of IMC and the importance of co-ordinating them for an effective marketing communication program	Learner will understand the role and importance of having an effective integrated marketing communications programme and its contribution to the success of the marketing strategy of a firm. Learner will understand the importance of each of the tools of IMC and the importance of coordination of these tools. The implication of lack of coordination among tools is also understood by them
					UBMSFSIV.4	RURAL MARKETING	To evaluate the agricultural and rural marketing environments in order to understand consumer and marketing characteristics. To comprehend the emerging challenges in the future global economic scenario. To understand the rural marketing mix and its strategic implementation.	The student will get knowledge of the rural marketing environment as well as relevant marketing techniques to employ in the future global economic situation. The student will learn about the specific rural marketing mix and be equipped to apply what they have learned in a rural area.
					UBMSFSIV.5	TRAINING & DEVELOPMENT	To understand the fundamental principles, functions, and processes of human resource management. To design and develop various HRM processes such as recruitment, selection, training, performance appraisals and reward systems, compensation plans, and ethical behaviour.	The student will get knowledge of the fundamental principles, functions, and processes of human resource management. The student will be able to customize their training and development programs to fit the specific demands of the organizations.
					UBMSFSIV.6	CHANGE MANAGEMENT	The objective of this paper is to prepare students as organizational change facilitator using the knowledge and techniques of behavioural science. To explain the process of change, its implementation and impact of change To explain the resistance to change and how to overcome the resistance.	The learner understands the techniques of organizational change and is able to facilitate the change The Learner can implement the process of change The learner applies the methods to overcome the resistance to change
					UBMSFSIV.7	INFORMATION TECHNOLOGY IN BUSINESS MANAGEMENT-II	To understand managerial decision-making and to develop perceptive of major functional area of MIS 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. To learn and understand relationship between database management and data warehouse approaches, the requirements, and applications of data warehouse	Learner will be able to understand managerial decision-making and will learn to develop perceptive of major functional area of MIS Learner will learn understanding about emerging MIS technologies like ERP, CRM, SCM and trends in enterprise applications Learner will get in depth understanding of database management and data warehouse approaches, the requirements, and applications of data warehouse



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	BACHELOR OF MANAGEMENT STUDIES	<p>in teams for the collaborative projects</p> <p>Enrich students with management subject related and transferable skills that are relevant to job trade and employment opportunities</p> <p>Commit to professional ethics & responsibilities of management.</p>	<p>will be able to classify the different modes of leadership skills</p> <p>The learner will be able to compare the theories of management with the contemporary issues</p> <p>The learner will be able to articulate the account of the knowledge gained</p>	SEM - IV	UBMSFSIV. 8	BUSINESS ECONOMICS-II	<p>To understand the meaning and components of the National Income.</p> <p>To understand to manipulate the basic Aggregate Supply, Aggregate Demand model of the macro economy</p> <p>To understand how fiscal policy operates, its tools, and its advantages and drawbacks</p> <p>To understand how Fiscal policy operates, its tools, and its advantages and drawbacks</p> <p>To critically evaluate the consequences of basic macroeconomic policy options under differing economic conditions within a business cycle.</p> <p>To identify the determinants of various macroeconomic aggregates such as output, unemployment, inflation, productivity and the major challenges associated with the measurement of these aggregates.</p> <p>To explain and apply key development economic growth theories, international trade development theories, and related economic development theories</p>	<p>The learners understand the basics of national income accounting</p> <p>The learners understand the causes and consequences of business cycles</p> <p>The learners understand the roles of fiscal and monetary policy.</p> <p>The learners understand the interaction between the domestic economy and the rest of the world.</p> <p>The learners understand the various reasons why countries engage in international trade, including the direction and volume of trade between nations.</p> <p>The learners understand the role of exchange rates and how they are determined.</p>
					UBMSFSIV. 9	BUSINESS RESEARCH METHODS	<p>To familiarize the learners with the concepts and types of research</p> <p>To evaluate hypothesis and sampling techniques</p> <p>To demonstrate the data collection and processing</p> <p>To inculcate various data, analyse and interpretation</p> <p>To explain the advanced techniques in report writing</p>	<p>The learners able to explain and analyse the types of research</p> <p>The learners able to understand hypothesis and sampling techniques</p> <p>The learners apply various data collection and processing during their research</p> <p>The learners enable to apply different data analysis and interpretation</p> <p>The learners apply the advanced techniques in research writing</p>
					UBMSFSIV. 11	PRODUCTION & TOTAL QUALITY MANAGEMENT	<p>To expose the students with the fundamental management decisions that influence production and quality management.</p> <p>To enable the students, grasp the design element of production lines.</p> <p>To allow students to apply what they have learned theoretically.</p>	<p>The student will gain hands-on experience in different production and quality management techniques.</p> <p>The student will get an insight into various aspects of production systems.</p> <p>The student will be able to comprehend the practical components of actual plant production and quality management techniques.</p>
					UBMSFSIV. 12	ETHICS & GOVERNANCE	<p>To understand the Business Ethics and to provide best of business ethics.</p> <p>To learn the values and implement in their careers to become a good manager.</p> <p>To develop various corporate social responsibilities and practice in their professional life.</p> <p>To understand various theories of corporate governance.</p> <p>To imbibe the ethical issues in corporate governance and to adhere to the ethical codes.</p>	<p>The learners will be able to understand the concept of Business Ethics.</p> <p>The learners will be able to analyse corporate social responsibility.</p> <p>The learners will be able to analyse various ethical codes in corporate governance.</p> <p>The learners will be able to analyse the employee's condition and business ethics.</p> <p>The learners will be able to analyse ethical issues in marketing and human resource management.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF MANAGEMENT STUDIES		Provide strong disciplinary foundation & comprehensive knowledge Management Equip the students to work individually and in teams for the collaborative projects Enrich students with management subject related and transferable skills that are relevant to job trade and employment opportunities Commit to	The learner will be able to define and cite the concepts of management The learner will be able to apply the principles of management in the employment The learner will be able to classify the different modes of leadership skills The learner will be able to compare the theories of management with the contemporary issues The learner	SEM-V	UBMSFSV-1	LOGISTIC & SUPPLY CHAIN MANAGEMENT	<p>To provide students with basic understanding of concepts of logistics and supply chain management</p> <p>To introduce students to the key activities performed by the logistics function</p> <p>To provide an insight in to the nature of supply chain, its functions and supply chain systems</p> <p>To understand global trends in logistics and supply chain management</p>	<p>Students will understand the meaning and basic terminologies related to logistics and supply chain management</p> <p>Students will be exposed to the various functions of logistics like information system, warehousing, transportation, material handling, packaging, network design</p> <p>It will enable the students to have an in depth understanding of the nature, functions, and systems of supply chain</p> <p>Learners will get exposure to the global trends in logistics and supply chain management.</p>
					UBMSFSV-6	E-COMMERCE & DIGITAL MARKETING	<p>To understand increasing significance of E-Commerce and its applications in Business and Various Sectors</p> <p>To provide an insight on Digital Marketing activities on various Social Media platforms and its emerging significance in Business</p> <p>To understand Latest Trends and Practices in E-Commerce and Digital Marketing, along with its Challenges and Opportunities for an Organization</p>	<p>The learner can apply the knowledge of E-commerce practically and understood the importance of e-commerce in various sectors</p> <p>The learner is updated with the various social platforms to engage in e-commerce and could understand the functioning of digital marketing</p> <p>The learner understands the various challenges which they might face with technology upgradation in business.</p>
					UBMSFSV-7	SERVICE MARKETING	<p>To understand distinctive features of services and key elements in services marketing</p> <p>To provide insight into ways to improve service quality and productivity</p> <p>To understand marketing of different services in Indian context</p>	<p>Students will learn the fundamentals of services marketing from a practical perspective focusing on the needs of the customers</p> <p>Students will learn strategies to improve productivity</p> <p>Students will become familiar with service marketing in the Indian context</p>
					UBMSFSV-9	SALES & DISTRIBUTION MANAGEMENT	<p>To develop understanding of the sales & distribution processes in organizations</p> <p>To get familiarized with concepts, approaches and the practical aspects of the key decision-making variables in sales management and distribution channel management</p>	<p>The learner is able to identify the different ways of selling and distribution carried out by different organizations</p> <p>The learner is able to identify the different key responsibility areas required for decision making in sales and distribution.</p>
					UBMSFSV-10	CUSTOMER RELATIONSHIP MANAGEMENT	<p>To understand concept of Customer Relationship Management (CRM) and implementation of Customer Relationship Management.</p> <p>To provide insight into CRM marketing initiatives, customer service and designing CRM strategy</p> <p>To understand new trends in CRM, challenges and opportunities for organizations</p>	<p>To understand concept of Customer Relationship Management (CRM) and implementation of Customer Relationship Management.</p> <p>To provide insight into CRM marketing initiatives, customer service and designing CRM strategy</p> <p>To understand new trends in CRM, challenges and opportunities for organizations</p>
					UBMSFSV-3	CORPORATE COMMUNICATION AND PUBLIC RELATION	<p>To provide the students with basic understanding of the concepts of corporate communication and public relations.</p> <p>To introduce the various elements of corporate communication and consider their roles in managing organizations.</p> <p>To examine how various elements of corporate communication must be coordinated to communicate effectively</p> <p>To develop critical understanding of the different practices associated with corporate communication</p>	<p>Students will understand the practical nuances of corporate communication</p> <p>Students will be able to understand the importance and the role of corporate communication with different stake holders</p> <p>Students will be able to comprehend the importance of having integration among the various elements used in corporate communication</p> <p>Students will be able to understand the practical application and best practices in technology for corporate communication.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
		professional ethics & responsibilities of management.	will be able to articulate the account of the knowledge gained		UBMSFSV. 12	FINANCE FOR HR PROFESSIONALS AND COMPENSATION MGT	To orient HR professionals with financial concepts to enable them to make prudent HR decisions To understand the various compensation plans To study the issues related to compensation management and understand the legal framework of compensation management	The learner understands the concepts of finance with respect to HR professionals and can make wise HR decisions The learner understands the various compensation plans and the implementation for the same. The learner can analyse the issues related to compensation management and understands the legal framework
					UBMSFSV. 13	STRATEGIC HUMAN RESOURCE MANAGEMENT AND HR POLICIES	To familiarize strategic human resource management overview To evaluate HR strategies applied in an organization To analyse HR policies applied in an organization and to maintain workplace harmony To demonstrate recent trends used in SHRM To explain the various strategic international human resource management	The learners able to explain overview of SHRM The learners understand HR strategies applied in an organization The learners analyse the HR policies applied in an organization to maintain workplace harmony The learners demonstrate recent trends used in SHRM The learners understand the various strategic international human resource management
					UBMSFSV. 14	PERFORMANCE MANAGEMENT AND CAREER PLANNING	To understand the concept of performance management in organizations To review performance appraisal systems To understand the significance of career planning and practices	The learner understands the concepts of performance management in organizations The learner is able to review performance appraisal system The learner understands the significance of career planning
					UBMSFSV. 15	INDUSTRIAL RELATION	To define labour relations, industrial relation systems and participatory process at work Distinguish the procedure concerning worker participation and participatory institutions and instruments of trade union representation	The learner is able to define various labour relations and understands the importance of industrial law at workplace The learner is able to distinguish between the work participation and participatory institutions and importance to trade union
		Provide strong disciplinary foundation To equip with understanding &	The learner will be able to define and cite the concepts of management The learner		UBMSFSVI. 1	OPERATION RESEARCH	To help students to understand operations research methodologies To help students to solve various problems practically To make students proficient in case analysis and interpretation	The learner understands various tools and techniques applied in operation research like Linear programming, Assignment Problem, Transportation problem, Decision tree, game theory etc The learner is able to use the practical applications of various tools of operation research to solve business problem. Learner gets hands on training to do case analysis and interpret results as per varying scenarios
					UBMSFSVI. 2	INDIAN ETHOS IN MANAGEMENT	To familiarize an overview of Indian Ethos and management lessons from Scriptures To demonstrate the work Ethos and values in work culture To inculcate the impact of stress management and counselling for stress management To enable learners to understand Indian systems of learning	The learners able to understand Indian Ethos and management lessons from scriptures The learners demonstrate work Ethos values in work culture The learners will understand stress management techniques and proper counselling for stress management The learners understand Indian system of learning
					UBMSFSVI. 8	BRAND MANAGEMENT	To understand the meaning and significance of Brand Management To know how to build, sustain and grow brands To know the various sources of brand equity	The learner is acquainted with the name, term, meaning of brand name and understood what goes inside building the names of brands Learner understands the survival of brands in the market and their market potential Learner gets insights on how brand managers build and manage brands and what elements of brand equity help in brand survival



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF MANAGEMENT STUDIES	comprehensive knowledge Management Equip the students to work individually and in teams for the collaborative projects Enrich students with management subject related and transferable skills that are relevant to job trade and employment opportunities Commit to professional ethics & responsibilities of management.	will be able to apply the principles of management in the employment The learner will be able to classify the different modes of leadership skills The learner will be able to compare the theories of management with the contemporary issues The learner will be able to articulate the account of the knowledge gained	SEM - VI	UBMSFSVI. 9	RETAILS MANAGEMENT	To familiarize the students with retail management concepts and operations. To provide understanding of retail management and types of retailers To develop an understanding of retail management terminology including merchandise management, store management and retail strategy. To acquaint the students with legal and ethical aspects of retail management. To create awareness about emerging trends in retail management	The learner will understand the practical operations of Retail store management and identify various types of retailers. The learner will execute retail strategy in opening a retail store in future and understand the various store operations for its future growth The learner will understand various external rules, regulations and guidelines for retail management and understanding various tools of communication for building retail brand	
				UBMSFSVI. 10	INTERNATIONAL MARKETING	To understand International Marketing, its Advantages and Challenges. To provide an insight on the dynamics of International Marketing Environment. To understand the relevance of International Marketing Mix decisions and recent developments in Global Market	Students will understand the basics of international marketing, its features, reasons, advantages & challenges. Students will be acquainted with different facets of international marketing environment Students will learn the concepts and application of International Marketing Mix and global events that affect trade.	
				UBMSFSVI. 11	MEDIA PLANNING AND MANAGEMENT	To understand Media Planning, Strategy and Management with reference to current business scenario. To know the basic characteristics of all media to ensure most effective use of advertising budget To provide an insight on Media Planning, Budgeting, Scheduling and Evaluating the Different Media Buys.	The learner will be able to relate to the importance of media planning and management in advertising agency. The learner will be able to distinguish between the different mediums of advertising and different methods of budgeting The learner will understand the concept of media scheduling and evaluating.	
				UBMSFSVI. 12	HRM IN GLOBAL PERSPECTIVE	To understand the concepts, theoretical framework, and issues of HRM in Global Perspective To get insights of the concepts of Expatriates and Repatriates To find out the impact of cross culture on Human Resource Management To provide information about Global Workforce Management To study International HRM Trends and Challenges	The learner understands the concepts of HRM in global perspective The learner is able to understand the concepts of Expatriates and Repatriates The learner is able to understand the impact of cross culture on Human Resource Management Learner gets the information about Global Workforce Management The learner understands the trends and challenges in international HRM	
				UBMSFSVI. 13	ORGANIZATIONAL DEVELOPMENT	To familiarize an overview of Organizational Development To demonstrate organizational diagnosis, renewal and change To inculcate the techniques of OD interventions used in an organization To understand OD effectiveness	The learners will able to explain an overview of OD The learners demonstrate OD , renewal and change The learners can able to analyse techniques of OD interventions used in an organization The learners able to understand OD effectiveness	
				UBMSFSVI. 14	HRM IN SERVICE SECTOR MANAGEMENT	To understand the concept and growing importance of HRM in service sector To understand how to manage human resources in service sector To understand the significance of human element in creating customer satisfaction through service quality To understand the Issues and Challenges of HR in various service sectors	The learner understands the concept and growing importance of HRM in service sector The learner is able to manage human resources in service sector The learner understands the importance of customer satisfaction with respect to service quality The learner understands Issues and Challenges of HR in various service sectors	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR IN MASS MEDIA AND MASS COMMUNICATION	To conceptualize, design, and produce one or more works in media based on effective principles and practices of media aesthetics for a target audience. To acquire the knowledge and skills required to pursue a career in the specialization of their choice. To understand the underlying philosophical assumptions of, and be able to apply, communication research methods to address a range of media texts and	The learner conceptualize s, design, and produce one or more works in media based on effective principles and practices of media aesthetics for a target audience. The learner articulates the knowledge and skills required to pursue a career in the specialization of their choice. The learner summarizes the underlying philosophical assumptions of, and be able to apply, communication research methods to address a range of	SEM - I	UABMM101	EFFECTIVE COMMUNICATION - I	To make the students aware of functional and operational use of language in media. To equip or enhance students with structural and analytical reading, writing and thinking skills. To introduce key concepts of communications.	The learner articulates functional and operational use of language in media. The learner correlates structural and analytical reading, writing and thinking skills. The learner outlines the key concepts of communications.	
				UABMM102	FOUNDATION COURSE I	To introduce students to the overview of the Indian Society. To help them understand the constitution of India. To acquaint them with the socio-political problems of India.	The learner outlines the overview of the Indian Society. The learner summarizes the constitution of India. The learner comments on the socio-political problems of India.	
				UABMM103	VISUAL COMMUNICATION	To provide students with tools that would help them visualize and communicate. Understanding Visual communication as part of Mass Communication To acquire basic knowledge to be able to carry out a project in the field of visual communication To acquire basic knowledge in theories and languages of Visual Communication The ability to understand and analyze visual communication from a critical perspective	The learner experiments with tools that would help them visualize and communicate. The learner relates Visual communication as part of Mass Communication The learner adapts basic knowledge to be able to carry out a project in the field of visual communication The learner implements basic knowledge in theories and languages of Visual Communication The learner categorizes visual communication from a critical perspective	
				UABMM104	FUNDAMENTALS OF MASS COMMUNICATION	To introduce students to the history, evolution and the development of Mass Communication in the world with special reference to India. To study the evolution of Mass Media as an important social institution. To understand the development of Mass Communication models. To develop a critical understanding of Mass Media. To understand the concept of New Media and Media Convergence and its implications.	The learner outlines the history, evolution and the development of Mass Communication in the world with special reference to India. The learner retrieves the evolution of Mass Media as an important social institution. The learner comments on the critical understanding of Mass Media. The learner interprets the concept of New Media and Media Convergence and its implications.	
				UABMM105	CURRENT AFFAIRS	To provide learners with overview on current developments in various fields. To generate interest among the learners about burning issues covered in the media To equip them with basic understanding of politics, economics, environment and technology so that students can grasp the relevance of related news.	The learner summarizes the overview on current developments in various fields. The learner explains the burning issues covered in the media The learner articulates basic understanding of politics, economics, environment and technology so that students can grasp the relevance of related news.	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
		audiences, production and technological practices, and relevant social issues.	range of media texts and audiences, production and technological practices, and relevant social issues.		UABMM106	HISTORY OF MEDIA	<p>To understand Media history through key events in the cultural history.</p> <p>To enable the learner to understand the major developments in media history</p> <p>To understand the history and role of professionals in shaping communications.</p> <p>To understand the values that shaped and continues to influence Indian mass media.</p> <p>To develop the ability to think and analyse about media.</p> <p>To sharpen the reading, writing, speaking and listening skills that will help the students to understand the development of Media</p>	<p>The learner explains media history through key events in the cultural history</p> <p>The learner interprets the major developments in media history</p> <p>The learner distinguishes the history and role of professionals in shaping communications.</p> <p>The learner outlines the values that shaped and continues to influence Indian mass media.</p> <p>The learner develops the ability to think and analyse about media.</p> <p>The learner experiments reading, writing, speaking and listening skills that will help the students to understand the development of Media</p>
BACHELOR IN MASS MEDIA AND MASS COMMUNICATION	To equip the learners with professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc. To develop a global awareness of political, social and corporate issues influenced by communication sensitivity and skills.	The learner executes professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc. The learners correlate global awareness of political, social and corporate issues influenced by communication sensitivity and skills.	SEM - II	UABMM201	EFFECTIVE COMMUNICATION -II	<p>To make the students aware of use of language in media and organization.</p> <p>To equip or enhance students with structural and analytical reading, writing and thinking skills.</p> <p>To introduce key concepts of communications.</p>	<p>The learner executes the use of language in media and organization.</p> <p>The learner examines structural and analytical reading, writing and thinking skills.</p> <p>The learner explains key concepts of communications.</p>	
				UABMM202	FOUNDATION COURSE- II	<p>To acquaint them with issues related to Globalisation.</p> <p>To help them understand human rights.</p> <p>To help them understand about the significance of nature and sustainable development.</p> <p>To help them understand stress & conflict.</p> <p>To help them understand the coping mechanisms of stress & conflict in contemporary society.</p> <p>To acquaint them with the socio-political & economic problems of India.</p>	<p>Student acquaints about the issues related to Globalisation.</p> <p>Student develops understanding about human rights.</p> <p>Student enables to learn about significance of nature and sustainable development.</p> <p>Student understands stress & conflict.</p> <p>Student understands about the coping mechanisms of stress & conflict in contemporary society.</p> <p>Student develops the ability to think about the socio-political & economic problems of India.</p>	
				UABMM203	CONTENT WRITING	<p>To provide students with tools that would help them communicate effectively.</p> <p>To develop writing skills for mass media.</p> <p>To develop the ability to draw the essence of situations and develop clarity of thought.</p> <p>To understand crisp writing as part of Mass Communication</p>	<p>The learner implements the tools that would help them communicate effectively.</p> <p>The learner adapts writing skills for mass media.</p> <p>The learner devises the ability to draw the essence of situations and develop clarity of thought.</p> <p>The learner categorizes crisp writing as part of Mass Communication</p>	
				UABMM204	INTRODUCTION TO ADVERTISING	<p>To provide the students with basic understanding of advertising, growth, importance and types.</p> <p>To understand effective advertising campaigns, tools, models etc.</p> <p>To comprehend the role of advertising , various departments, careers and creativity</p> <p>To provide students with various advertising trends, and future.</p>	<p>The learner explains the basic understanding of advertising, growth, importance and types.</p> <p>The learner comments on effective advertising campaigns, tools, models etc.</p> <p>The learner relates the role of advertising , various departments, careers and creativity</p> <p>The learner examines various advertising trends, and future.</p>	
				UABMM205	INTRODUCTION TO JOURNALISM	<p>To help media students to acquaint themselves with an influential medium of journalism that holds the key to opinion formation & to create awareness.</p>	<p>The learners relate themselves with an influential medium of journalism that holds the key to opinion formation & to create awareness.</p>	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UABMM206	MEDIA, GENDER & CULTURE	To discuss the significance of culture and the media industry. To understand the association between the media, gender and culture in the society. To stress on the changing perspectives of media, gender and culture in the globalised era.	The learner examines the significance of culture and the media industry. The learner infers the association between the media, gender and culture in the society. The learner distinguishes the changing perspectives of media, gender and culture in the globalised era.
BACHELOR IN MASS MEDIA AND MASS COMMUNICATION	To equip the learners with professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc. To develop a global awareness of political, social and corporate issues influenced by communication sensitivity and skills.	The learner executes professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc. The learners correlate global awareness of political, social and corporate issues influenced by communication sensitivity and skills.	SEM - III	UBMMIII.2	THEATRE & MASS COMMUNICATION	Individual and team understanding on theatrical Arts. Taking ownership of space, time, story-telling, characterization and kinesthetic Shaping young students' minds through expression of their perception, creating awareness of their role and place in society, their responsibilities and possibilities.	The learner exemplifies as an individual and team in theatrical Arts. The learner executing ownership of space, time, story-telling, characterization and kinesthetic The learner annotates minds through expression of their perception, creating awareness of their role and place in society, their responsibilities and possibilities.	
				UBMMIII.6	MEDIA STUDIES	To provide an understanding of media theories. To understand the relationship of media with culture and society. To understand Media Studies in the context of trends in Global Media.	The learner summarizes media theories. The learner interprets the relationship of media with culture and society. The learner integrates Media Studies in the context of trends in Global Media.	
				UBMMIII.5	CORPORATE COMMUNICATION & PUBLIC REALTIONS	To provide the students with basic understanding of the concepts of corporate communication and public relations. To introduce the various elements of corporate communication and consider their roles in managing media organizations. To examine how various elements of corporate communication must be coordinated to communicate effectively in today's competitive world. To develop critical understanding of the different practices associated with corporate communication with the latest trends and social media tools.	The learner extends basic understanding of the concepts of corporate communication and public relations. The learner defines various elements of corporate communication and considers their roles in managing media organizations. The learner examines how various elements of corporate communication must be coordinated to communicate effectively in today's competitive world. The learner infers different practices associated with corporate communication with the latest trends and social media tools.	
				UBMMIII.7	INTRODUCTION TO PHOTOGRAPHY	To introduce to media learner the ability of image into effective communication. To help the learner understand that media photography is a language of visual communication and is far beyond just point and shoot fun moments. To practice how a picture speaks thousand words by enlightening the learner on how. To develop the base of visualisation among learners in using pictures in practical projects. To help learners work on a given theme or the subject into making a relevant picture or photo feature.	The learner retrieves the ability of image into effective communication. The learner examines media photography as a language of visual communication and is far beyond just point and shoot fun moments. The learner devises how a picture speaks thousand words by enlightening the learner on how. The learner correlates the base of visualisation among learners in using pictures in practical projects. The learner implements work on a given theme or the subject into making a relevant picture or photo feature.	
				UBMMIII.8	FILM COMMUNICATION - I	To make students aware with a brief history of movies; the major cinema movements. Understanding the power of visuals and sound and the ability to make use of them in effective communication. Insight into film techniques and aesthetics. To inculcate liking and understanding of good cinema.	The learner identifies a brief history of movies; the major cinema movements. The learner infers the power of visuals and sound and the ability to make use of them in effective communication. The learner articulates into film techniques and aesthetics. The learner displays liking and understanding of good cinema.	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					UBMMIII.9	COMPUTERS & MULTIMEDIA - I	<p>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.</p> <p>To introduce the media software to make the learners understand what goes behind the scene and help them choose their stream.</p> <p>To prepare learners skilled enough for independency during project papers in TY sem VI.</p> <p>To help learners work on small scale projects during the academic period.</p>	<p>The learner assesses the media industry, becoming aware of the minimum requirement of the software when stepping out in the industry.</p> <p>The learner executes media software</p> <p>The learner integrates skills for independency during project papers in TY</p> <p>The learner collaborates on small scale projects during the academic period.</p>
BACHELOR IN MASS MEDIA AND MASS COMMUNICATION	To equip the learners with professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc. To develop a global awareness of political, social and corporate issues influenced by	The learner executes professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc. The learners correlate global awareness of political, social and corporate	SEM - IV	UBMMSIV.1	THEATRE AND MASS COMMUNICATION II	<p>To develop an eye for details in direction</p> <p>To help the learner have deeper understanding of theatre and how it has evolved to create human connections</p> <p>To understand the role theatre plays as a medium of mass communication in the development of society.</p>	<p>The learner executes an eye for details in direction.</p> <p>The learner interprets theatre in a deeper sense and its relation to how it evolved to create human connections.</p> <p>The learner determines the role theatre plays as a medium of mass communication in the development of society.</p>	
				UBMMSIV.2	COMPUTERS AND MULTIMEDIA II	<p>To help learner be media industry ready. This will help learners to be aware of the minimum requirement of the software when stepping in the industry.</p> <p>To introduce the media software to make the learner understand what goes behind the scene and help them choose their stream.</p> <p>To prepare learner skilled enough for independency during project papers in TY sem.VI.</p> <p>To help learners work on small scale projects during the academic period.</p>	<p>The learner implements the minimum requirement of the software when stepping in the industry.</p> <p>The learner relates to what goes behind the scene and help them choose their stream.</p> <p>The learner is prepared for independency during project papers in TY sem.VI.</p> <p>The learner adapts working on small scale projects during the academic period.</p>	
				UBMMSIV.3	FILM COMMUNICATION II	<p>To become aware of cinema of different regions.</p> <p>To understand the contribution of cinema in society.</p> <p>To acquire knowledge of making technically and grammatically good films.</p> <p>To understand the process of making to marketing a film.</p> <p>To understand the economic aspects of film.</p>	<p>The learner identifies cinema of different regions.</p> <p>The learner annotates the contribution of cinema in society.</p> <p>The learner presents knowledge of making technically and grammatically good films.</p> <p>The learner categorizes the process of making to marketing a film.</p> <p>The learner comments on the economic aspects of film.</p>	
				UBMMSIV.4	MEDIA LAWS AND ETHICS	<p>To provide the learners with an understanding of laws that impact the media.</p> <p>To sensitize them towards the social and ethical responsibility of the media.</p>	<p>The learner summarizes laws that impact the media.</p> <p>The learner illustrates the social and ethical responsibility of the media.</p>	
				UBMMSIV.5	MASS MEDIA RESEARCH	<p>To introduce students to debates in Research approaches and equip them with tools to carry on research.</p> <p>To understand the scope and techniques of media research, their utility and limitations.</p>	<p>The learner compares research approaches and equips them with tools to carry on research.</p> <p>The learner predicts the scope and techniques of media research, their utility and limitations.</p>	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
		communication sensitivity and skills.	issues influenced by communication sensitivity and skills.		UBMMSIV.6	WRITING AND EDITING FOR MEDIA	<p>To provide the ability to understand writing styles that fit various media platforms.</p> <p>To help the learner acquire information gathering skills and techniques.</p> <p>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.</p> <p>To gather knowledge of different news and copy formats along with appropriate style-sheets and layout.</p> <p>To imbibe the importance of writing clearly, precisely and accurately for different types of audiences</p> <p>To acquire basic proficiency in proof-reading and editing.</p>	<p>The learner writes in different styles that fit various media platforms.</p> <p>The learner implements information gathering skills and techniques.</p> <p>The learner distinguishes similarities and differences in writing for all forms of media including internet and digital.</p> <p>The learner executes knowledge of different news and copy formats along with appropriate style-sheets and layout.</p> <p>The learner articulates the importance of writing clearly, precisely and accurately for different types of audiences</p> <p>The learner adapts basic proficiency in proof-reading and editing.</p>
					DRGA-501	COPY WRITING (AD)	<p>To familiarize the students with the concept of copywriting as selling through writing</p> <p>To learn the process of creating original, strategic, compelling copy for various media</p> <p>To learn the rudimentary techniques of advertising headline and body copywriting, the economy of words and thought peculiar to this type of writing, and the necessity of creative thinking in written expression.</p> <p>There are two basic disciplines through which we make our communication - verbal/written and visual, and both need different skills-sets to master them. The structure of the syllabus is designed to hone the necessary skills required for these two diverse disciplines.</p>	<p>The learner interprets the concept of copywriting as selling through writing</p> <p>The learner executes the process of creating original, strategic, compelling copy for various media</p> <p>The learner articulates rudimentary techniques of advertising headline and body copywriting, the economy of words and thought peculiar to this type of writing, and the necessity of creative thinking in written expression.</p> <p>The learner displays necessary skills required for these two diverse disciplines Through which we make our communication - verbal/written and visual, and both need different skills-sets to master them. The structure of the syllabus is designed to hone the necessary skills required for these two diverse disciplines.</p>
					EADF 1508	DOCUMENTARY & AD FILM MAKING	<p>Understanding the planning involved in making audio visual communication effectively.</p> <p>To prepare students for effective and ethical public communication.</p> <p>To help students acquire basic skills in the practical aspects of Documentary and Ad Film making.</p> <p>Equip students with skills to write and shoot effective Documentary and Ad film.</p>	<p>The learner tabulates the planning involved in making audio visual communication effectively.</p> <p>The learner displays effective and ethical public communication.</p> <p>The learner executes basic skills in the practical aspects of Documentary and Ad Film making.</p> <p>The learner adapts skills to write and shoot effective Documentary and Ad film.</p>
					EAAM 1503	AGENCY MANAGEMENT	<p>To acquaint the students with concepts, techniques and give experience in the application of concepts for developing an effective advertising campaign.</p> <p>To understand how an ad agency works and what opportunities exist</p> <p>To familiarize students with the different aspects of running an ad agency</p> <p>To inculcate competencies thereby enabling to undertake professional work with advertising industry.</p>	<p>The learner integrates the concepts, techniques and give experience in the application of concepts for developing an effective advertising campaign.</p> <p>The learner estimates how an ad agency works and what opportunities exist</p> <p>The learner outlines different aspects of running an ad agency</p> <p>The learner displays competencies thereby enabling to undertake professional work with the advertising industry.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR IN MASS MEDIA AND MASS COMMUNICATION	To equip the learners with professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc. To develop a global awareness of political, social and corporate issues influenced by communication sensitivity and skills.	The learner executes professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc. The learners correlate global awareness of political, social and corporate issues influenced by communication sensitivity and skills.	SEM - V	EABB 1502	BRAND BUILDING (AD)	<ul style="list-style-type: none"> To understand the awareness and growing importance of Brand Building To know how to build, sustain and grow brands To know the various new way of building brands To know about the global perspective of brand building. 	<ul style="list-style-type: none"> The learner summarises the awareness and growing importance of Brand Building The learner executes how to build, sustain and grow brands The learner identifies new way of building brands The learner editorializes the global perspective of brand building. 	
				DRGA-502	ADVERTISING & MARKETING RESEARCH	<ul style="list-style-type: none"> The course is designed to inculcate the analytical abilities and research skills among the students. To understand research methodologies – Qualitative Vs Quantitative To discuss the foundations of Research and audience analysis that is imperative to successful advertising. To understand the scope and techniques of Advertising and Marketing research, and their utility. 	<ul style="list-style-type: none"> The learner presents analytical abilities and research skills among the students. The learner interprets research methodologies – Qualitative Vs Quantitative The learner comments on the foundations of Research and audience analysis that is imperative to successful advertising. The learner infers the scope and techniques of Advertising and Marketing research and their utility. 	
				EACB 1507	CONSUMER BEHAVIOUR	<ul style="list-style-type: none"> To understand the sociological & psychological perspective of consumer behaviour. To introduce students to the complexities of consumer behaviour, its importance in marketing & advertising. To sensitize students to the changing trends in consumer behaviour. 	<ul style="list-style-type: none"> The learner relates to the sociological & psychological perspective of consumer behaviour. The learner defines the complexities of consumer behaviour, its importance in marketing & advertising. The learner categorizes the changing trends in consumer behaviour. 	
				DRG-501	REPORTING (JOUR)	<ul style="list-style-type: none"> To enable students to become Reporters which is supposed to be a prerequisite while entering into the field of Journalism. To make them understand the basic ethos of the news and news-gathering. To prepare them to write or present the copy in the format of news. To develop a nose for news. To train them to acquire the skills of news-gathering with traditional as well as modern tools To inculcate the skills for investigative journalism. To make them understand the basic structure/ essential knowledge for various beats. 	<ul style="list-style-type: none"> The learner reflects the Reporter's qualities, which are supposed to be a prerequisite while entering into the field of Journalism. The learner expresses the basic ethos of the news and news-gathering. The learner writes or presents the copy in the format of news. The learner displays a nose for news. The learner executes the skills of news-gathering with traditional as well as modern tools The learner displays the skills for investigative journalism. The learner interprets the basic structure/ essential knowledge for various beats. 	
				EJFW 1B501	FEATURES & WRITING FOR SOCIAL JUSTICE	<ul style="list-style-type: none"> To provide students with technique of narration and storytelling To share the art of developing a story idea To acquaint and sensitize them through assignments to the issues of deprivation around us and using writing as a tool for social justice 	<ul style="list-style-type: none"> The learner executes the technique of narration and storytelling The learner sketches the art of developing a story idea The learner presents assignments to the issues of deprivation around us and using writing as a tool for social justice 	
				EJGM 1B503	GLOBAL MEDIA AND CONFLICT RESOLUTION	<ul style="list-style-type: none"> To help students understand the difference in the role and structure of the media across the globe. To develop an understanding of the hold of media conglomerates and the issues of cultural differences To help students appreciate the potential of the media in resolving conflicts. 	<ul style="list-style-type: none"> The learner associates with the difference in the role and structure of the media across the globe. The learner executes an understanding of the hold of media conglomerates and the issues of cultural differences The learner examines the potential of the media in resolving conflicts. 	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					EJMJ 1B505	MOBILE JOURNALISM AND NEW MEDIA	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. Step by step instructions to report and connect with crowds utilizing cell phones. Step by step instructions to utilize the accepted procedures for ease of use and item plan when constructing your portable encounters in Journalism.	The learner identifies 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. The learner annotates step-by-step instructions to report and connect with crowds utilizing cell phones. The learner executes step-by-step instructions to utilize the accepted procedures for ease of use and item plan when constructing your portable encounters in Journalism.
					EJNM 1B506	NEWS MEDIA MANAGEMENT	To make students aware about the responsibilities, structure and functioning of responsibilities of an organization. Students will be able to analyze individual media businesses and understand the Economic drivers of the media economy. Students will have developed hands-on experience as content marketers using journalistic and digital techniques. Students will have gained a perspective on the evolution of media in the last 25 years and on key current trends.	The learner identifies the responsibilities, structure and functioning of responsibilities of an organization. The learner organizes individual media businesses and understands the Economic drivers of the media economy. The learner experiments with hands-on experience as content marketers using journalistic and digital techniques. The learner summarizes the evolution of media in the last 25 years and on key current trends.
					DRG-502	INVESTIGATIVE JOURNALISM	To understand the role of investigative reporting in modern journalism To learn to conduct investigative research in an ethical manner. To create and write excellent investigative stories for the media. To acquire advanced investigative journalistic skills	The learner interprets the role of investigative reporting in modern journalism The learner implements investigative research in an ethical manner. The learner writes excellent investigative stories for the media. The learner displays advanced investigative journalistic skills
					DRGA-601	DIGITAL MEDIA	Understand digital marketing platform Understand the key goals and stages of digital campaigns Understand the use of key digital marketing tools Learn to develop digital marketing plans	The learner interprets digital marketing platform The learner outlines the key goals and stages of digital campaigns The learner infers the use of key digital marketing tools The learner articulates digital marketing plans
					DRGA-602	ADVERTISING DESIGN	The learner shall understand the process of planning & production of the advertisement. To highlight the importance of visual language as an effective way of communication. To provide practical training in the field of advertising & make learners industry-ready.	The learner interprets the process of planning & production of the advertisement. The learner highlights the importance of visual language as an effective way of communication. The learner executes practical training in the field of advertising & make learners industry-ready.
					EAAC 2601	Advertising in Contemporary Society	To understand the environment of Advertising in Contemporary Society To understand Liberalization and its impact on the economy and other areas of Indian society To compare and analyse the advertising environment of different countries	The learner summarizes the environment of Advertising in Contemporary Society The learner comments Liberalization and its impact on the economy and other areas of Indian society The learner infers the advertising environment of different countries



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR IN MASS MEDIA AND MASS COMMUNICATION	To equip the learners with professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc. To develop a global awareness of political, social and corporate issues influenced by communication sensitivity and skills.	The learner executes professional skills essential for making a career in the Entertainment industry, Cinema, Television, OTT Platforms, social media platforms etc. The learners correlate global awareness of political, social and corporate issues influenced by communication sensitivity and skills.	SEM - VI	EAMP 2603	Media Planning and Buying	<ul style="list-style-type: none"> To develop knowledge of major media characteristics To understand procedures, requirements, and techniques of media planning and buying. To learn the various media mix and its implementation To understand budget allocation for a Media plan and fundamentals 	<ul style="list-style-type: none"> The learner adapts knowledge of major media characteristics The learner interprets procedures, requirements, and techniques of media planning and buying. The learner identifies various media mix and its implementation The learner interprets budget allocation for a Media plan and fundamentals 	
				EARM 2605	Rural Marketing & Advertising	<ul style="list-style-type: none"> To introduce to Media students the concept of Rural Marketing and Rural economy. To make students understand about the Rural Environment and the demography of Rural India. To help students to understand marketing Mix Strategies for Rural Consumer and Agricultural goods and services. To develop communication skills in media students and to understand Rural communication in contemporary society. To help students develop more creative skills for advertising strategies. 	<ul style="list-style-type: none"> The learner defines the concept of Rural Marketing and Rural economy. The learner associates with Rural Environment and the demography of Rural India. The learner identifies Marketing Mix Strategies for Rural Consumer and Agricultural goods and services. The learner builds communication skills in media students and to understand Rural communication in contemporary society. The learner executes creative skills for advertising strategies 	
				EAEM 2607	Entertainment & Media Marketing	<ul style="list-style-type: none"> To equip students with an understanding of marketing practices, frameworks, and trends in the Entertainment Sector Introducing the students to the television industry and film industry. Will make students go through different case studies regarding radio marketing skills, Social media marketing skills, etc. Will help to know the impact of the media industry on the viewers, understanding its characteristics 	<ul style="list-style-type: none"> The learner adapts an understanding of marketing practices, frameworks, and trends in the Entertainment Sector The learner correlates with the television industry and film industry. The learner reviews different case studies regarding radio marketing skills, Social media marketing skills, etc. The learner tabulates the impact of the media industry on the viewers, understanding its characteristics 	
				DRG-601	DIGITAL MEDIA	<ul style="list-style-type: none"> Understand digital marketing platform Understand the key goals and stages of digital campaigns Understand the use of key digital marketing tools Learn to develop digital marketing plans 	<ul style="list-style-type: none"> The learner interprets digital marketing platform The learner outlines the key goals and stages of digital campaigns The learner infers the use of key digital marketing tools The learner articulates digital marketing plans 	
				DRG-602	NEWSPAPER & MAGAZINE MAKING	<ul style="list-style-type: none"> To understand the process of print media production from the content collection to the final print-ready layout. 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. The learner should be able to reconstruct headlines suitable for the space keeping the core meaning and intensity intact. Learners are expected to develop software skills to be employable in the industry. Learners shall develop an aesthetic vision and understand the discipline behind a layout. 	<ul style="list-style-type: none"> The learner executes the process of print media production from the content collection to the final print-ready layout. The learner interprets 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. The learner reenacts headlines suitable for the space keeping the core meaning and intensity intact. The learner implements software skills to be employable in the industry. The learner reflects aesthetic vision and understands the discipline behind a layout. 	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					EJFNF 2B607	FAKE NEWS & FACT CHECKING	<p>To give media students the understanding of the differentiation between real news and fake news.</p> <p>To make media students aware of information disorder.</p> <p>To give students a thorough knowledge of information literacy and media.</p> <p>To give students a hand on knowledge on fact checking.</p> <p>To give students a practical overview of social media verification.</p>	<p>The learner identifies differentiation between real news and fake news.</p> <p>The learner examines information disorder.</p> <p>The learner displays a thorough knowledge of information literacy and media.</p> <p>The learner adapts hand knowledge on fact-checking.</p> <p>The learner summarizes a practical overview of social media verification.</p>
					EJCI 2B601	CONTEMPORARY ISSUES	<p>To stress the importance of social-economic political aspects of the society as a media professional.</p> <p>To understand the role of media as a strategy to create awareness on various issues and mobilize to bring social progress.</p>	<p>The learner relates the importance of social-economic political aspects of the society as a media professional.</p> <p>The learner examines the role of media as a strategy to create awareness on various issues and mobilize to bring social progress.</p>
					EJPT 2B603	PHOTO & TRAVEL JOURNALISM	<p>The objective of this course is to develop the ability of the learner to bring life into the story through characters and descriptions of places using photographs.</p> <p>To be able to spread knowledge about different destinations through writings</p> <p>To understand the diverse audiences that are interested in travel and lifestyle-related content.</p> <p>To understand the use of cameras and images to drive interest in stories.</p>	<p>The learner articulates the ability of the learner to bring life into the story through characters and descriptions of places using photographs.</p> <p>The learner reflects knowledge about different destinations through writings</p> <p>The learner categorizes diverse audiences that are interested in travel and lifestyle-related content.</p> <p>The learner executes the use of cameras and images to drive interest in stories.</p>
					EJTJ 2B608	TELEVISION JOURNALISM	<p>To provide students with the technique of narration and storytelling</p> <p>To share the art of developing a story idea</p> <p>To acquaint and sensitize them through assignments to the issues of deprivation around us and using writing as a tool for social justice</p>	<p>The learner displays the technique of narration and storytelling</p> <p>The learner executes the art of developing a story idea</p> <p>The learner presents through assignments to the issues of deprivation around us and using writing as a tool for social justice</p>
					UFMGS1.1	FINANCIAL ACCOUNTING-I	<p>To enhance the skill of book keeping, Journal, Ledger & Trial Balance.</p> <p>To enable the students to calculate the amount of depreciation using different methods.</p> <p>To enable an understanding of the basic concepts & accounting principles in preparing financial statements.</p> <p>To provide students with a basic understanding of single entry and Double entry system.</p>	<p>Students will be able to prepare Journal entries, post recording from books of original entries to ledger, balance ledger accounts & prepare Trial balance.</p> <p>Develop the ability to calculate the amount of depreciation & differentiate the amount of depreciation by SLM & WDV method.</p> <p>Develop the ability to prepare the financial statements.</p> <p>Develop the ability to prepare opening & closing statement of affairs using single entry system.</p>
					UFMGS1.3	INDIAN FINANCIAL SYSTEM	<p>To understand about Indian financial system & relationship between financial system & Economic development</p> <p>To study about financial institutions & services provided by Banking & Non- Banking financial institution</p> <p>To help students understand evolution of finance companies</p>	<p>Learners know Indian financial system & relationship between financial system & Economic development</p> <p>Learners know about financial institutions & services provided by Banking & Non- Banking financial institution</p> <p>Learners know about evolution of finance companies</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	BACHELOR OF FINANCIAL MANAGEMENT	To provide overall knowledge about financial environment. To make the students perform analytical reviews of financial results, proposals, and plans. To stimulate the decision making and accounting competency required for financial environment.	The students will be able to perform analytical reviews of financial results, proposals, and plans. The students will be able to identify funding sources, instruments and markets. The students will be able to demonstrate the knowledge of the value of money over time, its uses and the goals of the finance manager.	SEM - I	UFMGS1.2	BUSINESS MATHEMATICS	<p>To develop analysis of problems based on ratio, proportion, variation and percentage</p> <p>To develop ability to compute profit and loss on sale of securities by giving effect to cash discount, trade discount, commission and brokerage.</p> <p>To familiarize learners with basic concept of shares and mutual funds and develop ability to compute net income after giving effect to entry load, exit load and dividend.</p> <p>To acquaint learners with the concept of simple interest and compound interest.</p> <p>To enable learners to compute EMI's and Present value & Future value of Annuity Immediate</p>	<p>The learners displayed ability to analyse problems based on ratio, proportion, variation and percentage</p> <p>The learners developed ability to compute profit and loss on sale of securities by giving effect to cash discount, trade discount, commission and brokerage.</p> <p>The learners became familiar with the basic concept of shares and mutual funds and develop an ability to compute net income after giving effect to entry load, exit load and dividend.</p> <p>The learners became acquaint with the concept of simple interest and compound interest.</p> <p>The learners demonstrated ability to compute EMI and Present value & Future value of Annuity Immediate</p>
					UFMGS1.4	BUSINESS COMMUNICATION-I	<p>To familiarize learners with the theory of communication</p> <p>To inculcate various oral and written skills needed for effective communication.</p> <p>To demonstrate the effective uses of communication technology.</p> <p>To learn to write letters for various business purposes.</p> <p>To develop an awareness about the complexity of communication in a dynamic business environment.</p> <p>To enable learners to apply the various skills of communication to actual life situations.</p>	<p>The learners explain the theory of communication</p> <p>The learners display various oral and written skills needed for effective communication.</p> <p>The learners demonstrate the effective use of communication technology.</p> <p>The learners develop an awareness about the complexity of communication in dynamic business environment.</p> <p>The learners learn to apply the various skills of communication to actual life situations.</p>
					UFMGS1.5.1	FOUNDATION COURSE-I	<p>To introduce students to the overview of the Indian Society.</p> <p>To enable students, learn about prevailing disparities among various groups of society.</p> <p>To help them understand the Constitution of India.</p> <p>To enable students, learn about Panchayati Raj system and local self-government bodies.</p> <p>To acquaint them with the socio-political & economic problems of India</p>	<p>Student learns about the overview of the Indian Society.</p> <p>Student learns about prevailing disparities among various groups of society.</p> <p>Student understands the significant elements of the Constitution of India.</p> <p>Student enables to learn about Panchayati Raj system and local self-government bodies.</p> <p>Student develops the ability to think about the socio-political & economic problems of India</p>
					UFMGS1.6	BUSINESS ENVIRONMENT	<p>To analyse the overall business environment</p> <p>To evaluate its various components in business decision making.</p> <p>To provides an analysis and examination of significant contemporary ethical issues and challenges existing throughout the professional business arena.</p> <p>To put emphasis upon the manager's social and environmental responsibilities to a wide variety of stakeholders, including employees, customers and the public</p>	<p>Familiarize the learners with the nature of business environment and its components.</p> <p>The learners will be able to demonstrate and develop conceptual framework of business environment and generate interest in international business.</p> <p>The learners will understand the definition of ethics and the importance and role of ethical behaviour in the business world today</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF FINANCIAL MANAGEMENT		To provide overall knowledge about financial environment. To make the students perform analytical reviews of financial results, proposals, and plans. The students will be able to identify funding sources, instruments	The students will be able to perform analytical reviews of financial results, proposals, and plans. The students will be able to identify funding sources, instruments	SEM - II	UFMGS1.7	BUSINESS ECONOMICS - I	<p>To familiarize the students with the basic concept of Business Economics</p> <p>To understand demand and supply analysis in business applications</p> <p>To Enhance knowledge on production and cost function, break even analysis and economies of scale</p> <p>To understand the importance of Demand forecasting and estimation in the business world</p> <p>To understand markets structures such as perfect competition, monopoly, monopolistic competition and oligopoly</p> <p>To understand various pricing models used in business</p>	<p>Develop concept understanding about Business Economics</p> <p>Develop an understanding about demand and supply analysis in business applications</p> <p>Builds the ability to correlate the cost and production functions</p> <p>Gain insight about the market structures</p> <p>Develop an understanding about pricing models</p> <p>Gains overall understanding about business economics</p>
					UFMFSII.1	FINANCIAL ACCOUNTING-II	<p>To enable the learners in understanding the classification & accounting of dependent branches.</p> <p>To enhance the abilities of the learners in preparing the departmental Trading, Profit & Loss Account & Balance sheet.</p> <p>To enhance the abilities of the learners in calculation of Interest & accounting for Hire purchase transactions.</p> <p>To enhance the abilities of learners in preparing the partnership final accounts.</p>	<p>Understand the classification & accounting of dependent branches.</p> <p>Develop the ability to prepare departmental statements.</p> <p>Understand the calculation of Interest & accounting of Hire purchase transactions.</p> <p>Develop the ability to prepare partnership final accounts.</p>
					UFMFSII.2	BUSINESS STATISTICS	<p>To develop awareness among learners of various methods of data collection.</p> <p>To develop ability of classifying raw data collected and graphically presenting it.</p> <p>To enable learners to compute measures of central tendency for grouped and ungrouped data.</p> <p>To acquaint learners with different measures of dispersion to enable them to measure the spread of data.</p> <p>To enable learners to identify strength and direction of relationship between variables through correlation and regression.</p>	<p>The learners developed awareness of various methods of data collection.</p> <p>The learners developed ability to classify raw data collected and graphically presenting it.</p> <p>The learners developed an aptitude for computation of measures of central tendency for grouped and ungrouped data.</p> <p>The learners became familiar with different measures of dispersion and developed ability to measure the spread of data.</p> <p>To learners developed analysis to identify strength and direction of relationship between variables through correlation and regression.</p>
					UFMFSII.3	PRINCIPLE OF FINANCE	<p>To Familiarize with the introduction of finance & financial planning</p> <p>To Understand about capital structure and capitalization</p> <p>To understand about internal & external sources of finance</p>	<p>Learners know the introduction of finance & financial planning</p> <p>Learners know about capital structure and capitalization</p> <p>Learners would discuss about external & internal sources of finance</p>
					UFMFSII.4	BUSINESS COMMUNICATION-II	<p>To familiarize learners with types of interviews.</p> <p>To enable learners to prepare for interview and group discussion.</p> <p>To enable learners to write reports.</p> <p>To learn to write various trade letters.</p> <p>To enable learners to apply the various skills of communication to actual life situations.</p>	<p>The learners explain the types of interviews.</p> <p>The learners develop an awareness about the conduct of meeting and organizing a conference.</p> <p>The learners display writing skills through business letters.</p> <p>The learners learn to apply the various skills of communication to actual life situations.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome	
	MANAGEMENT	proposals, and plans. To stimulate the decision making and accounting competency required for financial environment.	and markets. The students will be able to demonstrate the knowledge of the value of money over time, its uses and the goals of the finance manager.		UFMFSII.5.1	FOUNDATION COURSE-II	To acquaint them with issues related to Globalisation. To help them understand human rights. To help them understand about the significance of nature and sustainable development. To help them understand stress & conflict. To help them understand the coping mechanisms of stress & conflict in contemporary society. To acquaint them with the socio-political & economic problems of India.	Student acquaints about the issues related to Globalisation. Student develops understanding about human rights. Student enables to learn about significance of nature and sustainable development. Student understands stress & conflict. Student understands about the coping mechanisms of stress & conflict in contemporary society. Student develops the ability to think about the socio-political & economic problems of India.	
					UFMFSII.6	ENVIRONMENTAL SCIENCE	To familiarize an overview of an Environment To inculcate the impact of Natural resources To demonstrate Environment and Economic Activities To explain Environment management ,environmental impact assessment	The learners able to explain the Environmental structure, functions and Biodiversity The learners able to understand Natural Resources and their utilization The learners analyse various Environment and Environment problems associated with economic activities The learners able understand environment management and environmental impact assessment	
					UFMFSII.7	COMPUTER SKILLS-I	To understand different input / output parts of computer. To empowers the use of office productivity tools (MS Word and MS Excel) to create professional and accounting documents. To understand downloading information, creating and sending emails. To explain use of internet and services available on internet. To familiarize with E commerce infrastructure To learn computer maintenance and safety	Students will understand input /output devices of computer and their working. Students can recognize when to use each of Microsoft office programs to create professional and accounting documents. Students learn downloading information, creating and sending emails. Students will explain use of internet and services available on internet. Students will understand to apply web-based tools for E commerce, Security and support activities. Student will about learn computer maintenance and safety.	
				The students		UBFMSII.1	CORPORATE ACCOUNTS-I	To enhance the abilities of learners to prepare partnership final accounts. To enhance the abilities of learners to prepare statement of Piecemeal distribution of cash. To enable the learners in understanding, preparing & presenting the Balance sheet of new firm after amalgamation. To enable the learners in understanding, preparing & presenting the Balance sheet of new company after conversion/sale of a partnership firm.	Prepare partnership final accounts. Prepare the statement of Piecemeal distribution of cash. Develop the ability to close the old books & prepare new balance sheet of firm post amalgamation. Develop the ability to prepare the new balance sheet post conversion of firm into company.
						UBFMSII.3	DIRECT TAX-I	To acquaint learners with the basics of Income Tax in India. To enable learners to classify income under five heads as stated under Income Tax Act. To familiarize learners with deductions that could be availed from gross total income so as to arrive at taxable income. To develop an awareness among learners of income which are exempt from tax under section 10 of Income Tax Act To enable learners to compute total income under Income Tax Act.	The learners developed an awareness of basics of Income Tax in India. The learners displayed ability to classify income under five heads as stated under Income tax Act. The learners gained awareness of deductions that could be availed to arrive at net taxable income. The learners developed knowledge of incomes which are exempt from tax under section 10 of Income Tax Act. The learners were able to apply the provisions of Income Tax Act and computed total income.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
2C00925	BACHELOR OF FINANCIAL MANAGEMENT	To provide overall knowledge about financial environment. To make the students perform analytical reviews of financial results, proposals, and plans. To stimulate the decision making and accounting competency required for financial environment.	The students will be able to perform analytical reviews of financial results, proposals, and plans. The students will be able to identify funding sources, instruments and markets. The students will be able to demonstrate the knowledge of the value of money over time, its uses and the goals of the finance manager.	SEM - III	UBFMSII.2	COST ACCOUNTING-I	<p>To familiarize learners with basic definitions of Cost, Costing and Cost Accounting, Cost Allocation and Apportionment and Coding system for recording costs</p> <p>To arrive at the valuation of stock using different techniques and examine the result</p> <p>To enable learners to calculate cost under different schemes for payment of labour cost</p> <p>To enable learners to understand the concept and classification of Overheads</p>	<p>The learners understood the basic definitions of Cost, Costing and Cost Accounting and how to classify costs as well as learnt about Cost Allocation and Apportionment and Coding system for recording costs.</p> <p>The learners calculate Stock Levels and Economic Order Quantity</p> <p>The learners have calculated cost under different schemes for payment of labour cost</p> <p>The learners learnt about Apportionment and Absorption of Overheads</p>
					UBFMSII.4	ENTREPRENEURIAL DEVELOPMENT	<p>To Familiarize with concept of entrepreneur & entrepreneurship</p> <p>To understand about Entrepreneurial project development</p> <p>To study about legal considerations for different forms of organization</p> <p>To understand about entrepreneurship development programme and risk management</p>	<p>Learners know the concept of entrepreneur & entrepreneurship</p> <p>Learners know about Entrepreneurial project development</p> <p>Learners know the legal considerations for different forms of organization</p> <p>Learners know the entrepreneurship development programme and risk management</p>
					UBFMSII.5	MANAGEMENT ACCOUNTING	<p>To familiarize the learners the difference between management accounting and financial accounting.</p> <p>To enable the learners with the different techniques of analysing and interpreting financial statements.</p> <p>To enable the learners to measure the different types of ratios.</p> <p>To enable the learners to compute cash flow from investing, financing and operating activities as per AS - 3.</p> <p>To enable the learners to compute estimated working capital.</p>	<p>The learner explains the difference between management accounting and financial accounting.</p> <p>The learner learns the different techniques of analysing and interpreting financial statements.</p> <p>The learner learns to measure the different types of ratios.</p> <p>The learner learns to compute cash flow from investing, financing and operating activities as per AS - 3.</p> <p>The learner learns to compute estimated working capital.</p>
					UBFMSII.6	BUSINESS LAW	<p>On completion of this course, learners will be able to: appreciate the relevance of business law to individuals and businesses and the role of law in an economic, political and social context.</p> <p>Identify the fundamental legal principles behind contractual agreements.</p> <p>Examine how businesses can be held liable in tort for the actions of their employees.</p> <p>Understand the legal and fiscal structure of different forms of business organizations and their responsibilities as an employer.</p> <p>Acquire problem solving techniques and to be able to present coherent, concise legal argument.</p>	<p>Awareness of the global business laws and its impacts on businesses.</p> <p>Explain the concepts in business laws with respect to foreign trade</p> <p>Apply the global business laws to current business environment</p> <p>Analyse the principle of international business and strategies adopted by firms to expand globally</p> <p>Integrate concept of business law with foreign trade</p>
					UBFMSII.7	BUSINESS REGULATORY FRAMEWORK	<p>To explain the laws related to industrial disputes</p> <p>To create an awareness about the power of trade union</p> <p>To explain the provisions related to health, safety and welfare</p> <p>To distinguish the types of risks and compensation available</p> <p>To create an awareness about social legislation</p> <p>To explain the schemes, administration and determination of dues</p> <p>To identify the authorized deductions</p> <p>To create an awareness about bonus</p> <p>To explain the benefit offered after retirement</p>	<p>The learner develops an awareness about the laws</p> <p>The learner identifies the rights and duties of the trade union</p> <p>The learner understands the provisions</p> <p>The learner is able to distinguish the types of risks</p> <p>The learner becomes aware of the social legislation</p> <p>The learner is able to determine the dues</p> <p>The learner becomes aware of the various deductions</p> <p>The learner understands bonus payment</p> <p>The learner is aware of the benefits of gratuity</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF FINANCIAL		To provide overall knowledge about financial environment. To make the students perform analytical reviews of financial results	The students will be able to perform analytical reviews of financial results, proposals, and plans. The students will be able to identify funding sources,	SEM - IV	UFMGSIV.1	CORPORATE ACCOUNTS II	<p>To enhance the abilities of learners to comply the provisions of Companies Act in the preparation of Final Accounts of Companies.</p> <p>To enable the learners in understanding the methods of redemption & provisions of Companies Act for redemption of preference shares.</p> <p>To enable the learners in understanding the methods of redemption of & provisions of Companies Act for redemption of debentures.</p> <p>To enable the learners in understanding the principles for ascertainment & preparation of combined & columnar profit & loss account showing the treatment of profit prior to incorporation.</p>	<p>Prepare the Final Accounts of Companies as per the provisions of Companies Act.</p> <p>Develop the ability to redeem the preference shares as per the provisions of companies Act.</p> <p>Develop the ability to redeem the debentures as per the provisions of companies Act.</p> <p>Develop the ability to present the statement of profit & loss in columnar form and learn the treatment of profit prior to incorporation</p>
					UFMGSIV.2	OFFICE MANAGEMENT	<p>To familiarize with the concept of office Accommodation & Environment</p> <p>To understand about office automation & uses & abuses of labor-saving appliances</p> <p>To study about HRM for office management</p> <p>To know about planning & scheduling office work</p>	<p>Learners know the concept of office Accommodation & Environment</p> <p>Learners know the office automation & uses & abuses of labor-saving appliances</p> <p>Learners known HRM for office management</p> <p>Learners know the planning & scheduling office work</p>
					UFMGSIV.3	DIRECT TAX II	<p>To familiarize the learners with the different types of incomes which are to be clubbed.</p> <p>To familiarize the learners with the computation of amount of set off and carry forward of losses.</p> <p>To enable the learners to measure the total income and amount of tax for individual and partnership firm.</p> <p>To develop an understanding amongst the learners about filing of return of income, tax deduction at source and advance tax.</p> <p>To develop an understanding amongst the learners about the concept of double taxation</p>	<p>The learner gets acquainted with the different types of incomes to be clubbed.</p> <p>The learner gets acquainted with the amount of set off and carry forward of losses.</p> <p>The learner learns to measure the total income and amount of tax for individual and partnership firm.</p> <p>The learner develops an understanding about return of income, tax deduction at source and advance tax.</p> <p>The learner develops an understanding about double taxation.</p>
					UFMGSIV.4	CORPORATE LAW	<p>To encourage in students a critical appreciation of the important role of corporations and corporate law in modern society</p> <p>To give students an understanding of the principles and rules of Australian corporate law to a level that is sufficient to satisfy the requirements for admission to legal practice.</p> <p>Describe the basic rules and concepts of corporate law, such as separate legal personality, limited liability, and the duties of company directors</p> <p>Evaluate corporate problems, identifying appropriate legal obligations, duties, rights and remedies</p> <p>Demonstrate competency with the use of statutory material and its integration with common law principles.</p>	<p>Explains the basic concepts of company law</p> <p>determines partnerships or company concept</p> <p>determines elements of partnerships and company agreement</p> <p>Reviews the provisions of the law of partnership in Turkish Commercial Code</p> <p>Solves the problems arising from the partnership and company agreement</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	FINANCIAL MANAGEMENT	To stimulate the decision making and accounting competency required for financial environment.	The students will be able to demonstrate the knowledge of the value of money over time, its uses and the goals of the finance manager.		UFMGSIV.5	IT IN MANAGEMENT	<p>To understand Business Process Management, process mapping, tools and theories, Business Process Automation</p> <p>To understand the role of information systems in today's competitive business environment</p> <p>To assess the relationship between the digital firm, electronic commerce, electronic business and internet technology.</p> <p>To create awareness about the payment gateway</p> <p>To define an information system from both a technical and business perspective and distinguish between computer literacy and information systems literacy.</p> <p>To describe the types of information systems supporting the major functional areas of the business.</p> <p>To explain the changes from manual audit to electronic audit</p>	<p>The learner explains the Business Process Management, process mapping, tools and theories, Business Process Automation</p> <p>The learner describes the role of information systems in today's competitive business environment</p> <p>The learner explains the relationship between the digital firm, electronic commerce, electronic business and internet technology.</p> <p>Develops the understanding about the payment gateway</p> <p>Develops the understanding about the information system from both a technical and business perspective and distinguish between computer literacy and information systems literacy.</p> <p>Describes the types of information systems supporting the major functional areas of the business.</p> <p>Explains the changes from manual audit to electronic audit</p>
					UFMGSIV.6	CORPORATE FINANCE	<p>To develop awareness of roles and functions of corporate finance manager and need of a corporate finance manager.</p> <p>To familiarize learners with theories of capitalization and selection of optimal debt equity mix in capital structure to reduce overall cost of capital.</p> <p>To enable learners to make break even analysis and demonstrate problems based on marginal costing.</p> <p>To develop an understanding of techniques of capital budgeting NPV, IRR, DCF analysis and Payback period.</p> <p>To develop acquaintance with sources and methods of raising corporate finance.</p>	<p>The learners developed knowledge of roles and functions of corporate finance manager and need of a corporate finance manager.</p> <p>The learners became familiar with the theories of capitalization and developed ability to select optimal debt equity mix in capital structure to reduce overall cost of capital.</p> <p>The learners developed ability to make break even analysis and demonstrated problems based on marginal costing.</p> <p>The learners inculcated an understanding of capital budgeting techniques: NPV, IRR, DCF analysis and Payback period.</p> <p>The learners demonstrated acquaintance with sources and methods of raising corporate finance.</p>
					UFMGSIV.7	COST ACCOUNTING II	<p>To help learners to understand Cost accounting practices</p> <p>To make them able to find out differences between cost and financial books</p> <p>To enable them to get acquainted with the terms related to Construction Contracts and enable them to prepare contract account</p> <p>To enable them to prepare Process Accounts and Statements of joint products and by-products.</p>	<p>The learners understood Cost accounting practices</p> <p>They are able to find out differences between cost and financial books</p> <p>They are able to prepare contract account and understood various aspects of contract costing including treatment of profit on incomplete contracts.</p> <p>They prepare Process Accounts and Statements of joint products and by-products.</p>
					1	CORPORATE ACCOUNTS	<p>To provide understanding of Banking Companies.</p> <p>To provide understanding of Insurance Companies.</p> <p>To provide understanding and accounting of Investments.</p> <p>To aid the financial statement consolidation process.</p>	<p>Students will be able to prepare and analyse Banking Company Final accounts.</p> <p>Students will be able to prepare and analyse Insurance Company Final accounts</p> <p>It helps the students to understand accounting for personal investments in the light of applicable accounting standard.</p> <p>Students will be able to know accounting of foreign exchange transactions in the light of applicable accounting standard. To understand Gain/loss that may arise on said transactions and difference between monetary and nonmonetary items and conversion at the year end.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	BACHELOR OF FINANCIAL MANAGEMENT	To provide overall knowledge about financial environment. To make the students perform analytical reviews of financial results, proposals, and plans. To stimulate the decision making and accounting competency required for financial environment.	The students will be able to perform analytical reviews of financial results, proposals, and plans. The students will be able to identify funding sources, instruments and markets. The students will be able to demonstrate the knowledge of the value of money over time, its uses and the goals of the finance manager.	SEM - V	2	AUDITING - I	<ul style="list-style-type: none"> To differentiate between auditing and accounting. To identify the errors and frauds To distinguish the types of audits To design an audit plan To describe the process of designing and performing tests of controls To enable the learners to apply audit sampling To explain methods used to obtain an understanding of internal control To describe the importance of Internal Audit 	<ul style="list-style-type: none"> The learner differentiates between auditing and accounting. The learner identifies the errors and frauds The learner distinguishes the types of audits The learner is able to design an audit plan The learner is able to describe the process of designing and performing tests of controls The learner is able to apply audit sampling The learner explains methods used to obtain an understanding of internal control The learner understands the importance of Internal Audit
					3	BUSINESS ETHICS	<ul style="list-style-type: none"> To familiarize with concept & area of business ethics To understand about business ethics in Global economy To study about moral issues in Business and CSR To understand about functional ethics in different areas like Marketing, Finance, HR etc 	<ul style="list-style-type: none"> Learners explain the concept and areas of business ethics Learners study about business ethics in global economy Learners know about moral issues in Business and CSR Learners know about functional ethics in different areas like Marketing, Finance, HR etc.
					4	FINANCIAL ANALYSIS BUSINESS VAL.	<ul style="list-style-type: none"> To develop among learners an ability to make analysis of financial statement and statement of Shareholder's equity To demonstrate to learners' effect of fixed cost and interest on earnings through leverages. To demonstrate computation of yield to maturity on bonds and make analysis of changes in income through variance. To understand various techniques & roles of valuation and display practical application of Economic Value Added. To enable learners to compute basic problems related to Amalgamation, exchange ratio base used for computation and Valuation of Brands. 	<ul style="list-style-type: none"> The learners developed ability to make analysis of financial statement and statement of Shareholder's equity. The learners demonstrated the effect of fixed cost and interest on earnings through leverages. To learners displayed computation of yield to maturity on bonds and make analysis of changes in income through variance. To learners developed an understanding of various techniques & roles of valuation and display practical application of Economic Value Added. The learners displayed ability to compute basic problems based on Amalgamation, Exchange ratio base and Valuation of Brands.
					5	FINANCIAL MANAGEMENT - I	<ul style="list-style-type: none"> To enhance the abilities of learners to understand the scope & objectives of financial management, sources of finance and types of finance. To enable the learners to use the techniques of discounting & compounding to calculate present value & future value. To enable the learners to understand the nature, purpose and process of capital budgeting and to develop the ability to evaluate the projects using capital budgeting techniques. To develop the ability to calculate weighted average cost of capital using book value & market value method. To enable the learners to understand the capital structure theories. 	<ul style="list-style-type: none"> Understand the scope & objectives of financial management, sources of finance & types of finance. Calculate present value & future value using the techniques of discounting & compounding. Evaluate the long-term investment projects with the help of the capital budgeting techniques. Calculate weighted average cost of capital Develop the ability to evaluate the best financing alternatives using capital structure theories.
					6	RESEARCH METHODOLOGY	<ul style="list-style-type: none"> To familiarize the learners with the concepts and types of research To evaluate hypothesis and sampling techniques To demonstrate the data collection and processing To inculcate various data analysis and interpretation To explain the advanced techniques in report writing 	<ul style="list-style-type: none"> The learners able to explain and analyse the types of research The learners able to understand hypothesis and sampling techniques The learners apply various data collection and processing during their research The learners enable to apply different data analysis and interpretation The learners apply the advanced techniques in research writing



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF FINANCIAL MANAGEMENT		To provide overall knowledge about financial environment. To make the students perform analytical reviews of financial results, proposals, and plans. To stimulate the decision making and accounting competency required for financial environment.	The students will be able to perform analytical reviews of financial results, proposals, and plans. The students will be able to identify funding sources, instruments and markets. The students will be able to demonstrate the knowledge of the value of money over time, its uses and the goals of the finance manager.	SEM - VI	UNACA.1	Corporate Accounting – IV	<p>To impart knowledge on the preparation of Consolidated Financial Statements.</p> <p>To study the importance of reconstruction and Company Law provisions.</p> <p>To study the importance of amalgamations and absorption.</p> <p>To understand the need and procedure for liquidation of one company and formation of new company.</p>	<p>Students will be able to understand the applicability, advantages, disadvantages and the procedure of preparing a Consolidated Financial Statement.</p> <p>Students become aware regarding the procedure of coping up with the losses incurred by the company.</p> <p>The students will understand accounting in the books of purchasing company and vendor company.</p> <p>Students will be aware of the process of liquidation and formation of new company.</p>
					UNAA.2	Auditing – II	<p>To explain the audit of Income & Expense</p> <p>To explain the verification process in auditing</p> <p>To convey the meaning of Auditing Standards</p> <p>To describe the requirements of company audit</p>	<p>The learner is aware of the different heads of transactions which has to be audited.</p> <p>The learner can audit assets and liabilities</p> <p>The learner analyzes the standards</p> <p>The learner understands the rights and duties of auditors</p>
					UNAOB.3	Organisational Behaviour	<p>To familiarize with the concept of organizational behaviour & different models of organizational behaviour</p> <p>To understand about interpersonal relationship</p> <p>To study about group behaviour & team behaviour</p> <p>To know about stress management & organizational change</p>	<p>Learners explain the concept of organizational behaviour & different models of organizational behaviour</p> <p>Learners study about interpersonal relationship</p> <p>Learners know group behaviour & team behaviour</p> <p>Learners know stress management & organizational change</p>
					UNAFM.4	Financial Management – II	<p>Concepts like capital structure planning cost of capital, dividend policies and working capital which will be foundation if they go for management studies.</p>	<p>Create an awareness about capital structure and theories of capital structure.</p> <p>Understand the cost of capital in wide aspects.</p> <p>Provide knowledge about dividend policies and various dividend models.</p> <p>Enable them to understand working capital management.</p>
					UNASAP.5	Security Analysis and Portfolio Management	<p>To familiarize the learners the concept of portfolio managements and different types of return and risks.</p> <p>To enable the learners to measure the returns and bonds.</p> <p>To enable the learners to measure the securities through different methods of fundamental analysis.</p> <p>To develop an understanding amongst the learners about Dow theory and different types of technical analysis.</p> <p>To develop an understanding amongst the learners about Capital Asset Pricing Model and Arbitrage Pricing Theory.</p>	<p>The learner explains the concept of portfolio managements and different types of return and risks</p> <p>The learner learns to measure the value of returns and bonds.</p> <p>The learner learns to measure the securities through different methods of fundamental analysis.</p> <p>The learner develops an understanding about Dow theory and different types of technical analysis.</p> <p>The learner develops an understanding about Capital Asset Pricing Model and Arbitrage Pricing Theory.</p>
					UNAPW.6	PROJECT WORK	<p>The main objective of inclusion of project work is to inculcate the element of research analysis and scientific temperament and challenging the potential of learner as regards to his/ her eager to enquire and ability to interpret particular aspect of the study</p> <p>It is expected that the guiding teacher should undertake the counselling sessions and make the awareness among the learners about the methodology of formulation, preparation and evaluation pattern of the project work</p>	<p>Develop the understanding about research methodology and research design</p> <p>Develop the understanding of collecting research data</p> <p>Analyse and interpret the data</p> <p>Establish the finding and conclusions</p> <p>Prepare project work based on research methodology in the study area</p> <p>Prepare project work based on internship in the study area</p>
					USIT105	COMMUNICATION SKILLS	<p>To define communication.</p> <p>To explain process of communication.</p> <p>To understand the different aspects of communication.</p> <p>To understand the characteristics of human communication .</p>	<p>The pupil defines communication.</p> <p>The pupil explains process of communication.</p> <p>The student should able to apply verbal and nonverbal communication techniques.</p> <p>The pupil describes characteristics of human communication</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY		Ability to apply the knowledge of Information Technology with recent trends aligned with industry. Ability to apply IT in the field of Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Ability to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure Services as specializations. Ability to apply the knowledge of Intellectual Property Rights and Cyber Laws. Ability to build	Students will apply the knowledge of Information Technology with recent trends aligned with industry Student will apply IT in the field of Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Student will be able to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure Services as specializations. Student will be able to	SEM - I	USIT104	DISCRETE MATHEMATICS	<p>To introduce the concepts of variable, set theory, statements and logics of statement, relation and function</p> <p>To make them learn the concept of sequence and mathematical induction and how to write proofs using induction</p> <p>To introduce them different kind of graphs and trees and also to make them able to find the minimal spanning tree</p> <p>To know the concepts of counting and arrangement with or without repetitions</p>	<p>Student able to know the variables and their role, also to make functions and their composition, checking valid and invalid statement</p> <p>Students will learn the concept of divisibility in integers, floor, ceiling functions, also the contradictions and contrapositive proofs of statements</p> <p>Students will understand the different kind of graphs, matrix representation of relation, and checking the equivalence relations</p> <p>Students will learn to draw possibility tree, sum rule product rule and different kinds of arrangement problems</p>
					USIT103	OPERATING SYSTEMS	<p>To understand the history and working of the Operating System</p> <p>To describe the working of computer memory and file system</p> <p>To explain the working of the input output device</p> <p>To explain the working of the cloud system</p> <p>To discuss various operating system</p>	<p>The learner understands the history and working of the Operating System</p> <p>The learner understands the working of computer memory and file system</p> <p>The learner understands the working of the input output device</p> <p>The learner gathers the working of the cloud system</p> <p>The learner reviews various operating system</p>
					USIT102	DIGITAL ELECTRONICS	<p>To Understand the basic of digital electronics , different number system and conversion between them .</p> <p>To Design and construction of basic and universal logic gates.</p> <p>To study Boolean algebra and simplification of Boolean expressions by different methods.</p> <p>To Study and construction of different digital circuits like combinational and sequential circuits.</p>	<p>Students can able to understand between different types of number systems and their conversions.</p> <p>Students can learn to design various logic gates and simplify Boolean expressions.</p> <p>Students can able to design and study various combinational circuits like adder , subtractor , multiplexer , encoders etc.</p> <p>Students can able to design and study various sequential circuits like Flip flops, counters , registers etc.</p>
					USIT101	IMPERATIVE PROGRAMMING	<p>To understand fundamental of programming and how to build logic.</p> <p>To understand basic structure of writing programming.</p> <p>To understand compiler and functions and syntax of writing code.</p> <p>To get overall exposure of coding and building things from scratch.</p>	<p>Students will be able to learn simple program logic</p> <p>Students Will be able to understand and make own logical program.</p> <p>Students Will be able to write and debug the code.</p> <p>Students are able to make future orienting software's .</p>
					USIT1P1	IMPERATIVE PROGRAMMING PRACTICAL	<p>To understand fundamental of programming and how to build logic.</p> <p>To understand basic structure of writing programming.</p> <p>To understand compiler and functions and syntax of writing code.</p> <p>To get overall exposure of coding and building things from scratch.</p>	<p>Students will be able to learn simple program logic</p> <p>Students Will be able to understand and make own logical program.</p> <p>Students Will be able to write and debug the code.</p> <p>Students are able to make future orienting software's .</p>
					UDIT1P2	DIGITAL ELECTRONICS PRACTICAL	<p>To Understand the basic of digital electronics , different number system and conversion between them .</p> <p>To Design and construction of basic and universal logic gates.</p> <p>To study Boolean algebra and simplification of Boolean expressions by different methods.</p> <p>To Study and construction of different digital circuits like combinational and sequential circuits.</p>	<p>Students can able to understand between different types of number systems and their conversions.</p> <p>Students can learn to design various logic gates and simplify Boolean expressions.</p> <p>Students can able to design and study various combinational circuits like adder , subtractor , multiplexer , encoders etc.</p> <p>Students can able to design and study various sequential circuits like Flip flops, counters , registers etc.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome	
		and write effective project reports content development and to work in multidisciplinary environment in the context of changing technologies.	be able to apply the knowledge of Intellectual Property Rights and Cyber Law Student will be able to build and document a project.		USIT1P3	OPERATING SYSTEMS PRACTICAL	To understand the history and working of the Operating System To describe the working of computer memory and file system To explain the working of the input output device To explain the working of the cloud system To discuss various operating system	The learner understands the history and working of the Operating System The learner understands the working of computer memory and file system The learner understands the working of the input output device The learner gathers the working of the cloud system The learner reviews various operating system	
					USIT1P5	COMMUNICATION SKILLS PRACTICAL	To define communication. To explain process of communication. To understand the different aspects of communication. To understand the characteristics of human communication .	The pupil defines communication. The pupil explains process of communication. The student should able to apply verbal and nonverbal communication techniques. The pupil describes characteristics of human communication	
					USIT1P4	DISCRETE MATHEMATICS PRACTICAL	To introduce the concepts of variable, set theory, statements and logics of statement, relation and function To make them learn the concept of sequence and mathematical induction and how to write proofs using induction To introduce them different kind of graphs and trees and also to make them able to find the minimal spanning tree To know the concepts of counting and arrangement with or without repetitions	Student able to know the variables and their role, also to make functions and their composition, checking valid and invalid statement Students will learn the concept of divisibility in integers, floor, ceiling functions, also the contradictions and contrapositive proofs of statements Students will understand the different kind of graphs, matrix representation of relation, and checking the equivalence relations Students will learn to draw possibility tree, sum rule product rule and different kinds of arrangement problems	
		Ability to apply the knowledge of Information Technology with recent trends aligned	Students will apply the knowledge of Information Technology with recent			USIT201	OBJECT ORIENTED PROGRAMMING	To develop programming skills using object-oriented programming concepts To learn the concept of class and object using C++ To develop classes for simple applications. To learn the process of data file manipulation using C++. To understand the difference between top down and bottom-up approach.	The learner can able to identify importance of object-oriented programming. Students can able to make use of objects and classes for developing program. Students will learn use of various object-oriented concepts to solve different problems. Student will explain the process of data file manipulation using C++. Students will understand the difference between top down and bottom-up approach.
						USIT2P1	OBJECT ORIENTED PROGRAMMING PRACTICAL	To develop programming skills using object-oriented programming concepts To learn the concept of class and object using C++ To develop classes for simple applications. To learn the process of data file manipulation using C++. To understand the difference between top down and bottom-up approach.	The learner can able to identify importance of object-oriented programming. Students can able to make use of objects and classes for developing program. Students will learn use of various object-oriented concepts to solve different problems. Student will explain the process of data file manipulation using C++. Students will understand the difference between top down and bottom-up approach.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY		trends aligned with industry. Ability to apply IT in the field of Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Ability to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure Services as specializations. Ability to apply the knowledge of Intellectual Property Rights and Cyber Laws. Ability to build and write effective project reports	trends aligned with industry Student will apply IT in the field of Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Student will be able to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure Services as specializations. Student will be able to apply the knowledge of	SEM - II	USIT202	MICROPROCESSOR OR ARCHITECTURE	To Know the internal organization , addressing modes and instruction set of 8085 microprocessors. To Understand assembly language program by using 8085 microprocessor instruction sets. List , describe and use different types of instructions , directives , interrupts. To explain different types of Pentium processors .	Pupil will describe the architecture of 8085 microprocessor. Illustrate the organization of registers and memory in microprocessor. Impart the knowledge about instruction set. Students write programs in assembly language.
					USIT2P2	MICROPROCESSOR OR ARCHITECTURE PRACTICAL	To Know the internal organization , addressing modes and instruction set of 8085 microprocessors. To Understand assembly language program by using 8085 microprocessor instruction sets. List , describe and use different types of instructions , directives , interrupts. To explain different types of Pentium processors .	Pupil will describe the architecture of 8085 microprocessor. Illustrate the organization of registers and memory in microprocessor. Impart the knowledge about instruction set. Students write programs in assembly language.
					USIT203	WEB PROGRAMMING	To understand the principles of creating an effective web page. To learn HTML tags and JavaScript language programming concepts and techniques . To learn to write , test and debug the web pages using HTML and java script . To develop the skills in analysing the usability of website.	Students can able to support the development of web pages. Students can write scripts using JavaScript in a web page. Students can learn how to embed objects in web pages . Students will develop an understanding of formalistic aspects of design.
					USIT2P3	WEB PROGRAMMING PRACTICAL	To understand the principles of creating an effective web page. To learn HTML tags and JavaScript language programming concepts and techniques . To learn to write , test and debug the web pages using HTML and java script . To develop the skills in analysing the usability of website.	Students can able to support the development of web pages. Students can write scripts using JavaScript in a web page. Students can learn how to embed objects in web pages . Students will develop an understanding of formalistic aspects of design.
					USIT204	NUMERICAL AND STATISTICAL METHODS	To compute problems on iterative calculation and algebraic and transcendental equations using scilab. To execute sum on interpolation and also iterative method to solve the system of equations. To calculate numerical integration and differentiation. To write programs to solve differential equation and to find the regression relation between two given variables. To execute questions on random variable and to find their mean and variance.	Students will be able to solve the questions involving iterative methods. Students will be able to find the interpolating polynomial and with the help of which they can forecast the value of variable for the given range. Students will be able to find the numerical value of any given integration and I.V.P in differential equation. Students will be able to find the regression equation which will help the students to predict the value of one variable when other is known Students will be able to do sums on uniform, binomial, Bernoulli's distribution using programs.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
		project reports content development and to work in multidisciplinary environment in the context of changing technologies.	Intellectual Property Rights and Cyber Law Student will be able to build and document a project.		USIT2P4	NUMERICAL AND STATISTICAL METHODS PRACTICAL	To compute problems on iterative calculation and algebraic and transcendental equations using scilab. To execute sum on interpolation and also iterative method to solve the system of equations. To calculate numerical integration and differentiation. To write programs to solve differential equation and to find the regression relation between two given variables. To execute questions on random variable and to find their mean and variance.	Students will be able to solve the questions involving iterative methods. Students will be able to find the interpolating polynomial and with the help of which they can forecast the value of variable for the given range. Students will be able to find the numerical value of any given integration and I.V.P in differential equation. Students will be able to find the regression equation which will help the students to predict the value of one variable when other is known Students will be able to do sums on uniform, binomial, Bernoulli's distribution using programs.
					USIT205	GREEN COMPUTING	To explain the problem and issues regarding green computing To describe the ways to reduce power consumption To discuss various ways to reduce IT waste To explain recycling is a way to future To discuss ways of staying green	The learner understands the problem and issues regarding green computing The learner understands the ways to reduce power consumption The learner discusses various ways to reduce IT waste The learner will gain the knowledge about recycling The learner become familiar with different ways to stay green
					USIT2P5	GREEN COMPUTING PRACTICAL	To explain the problem and issues regarding green computing To describe the ways to reduce power consumption To discuss various ways to reduce IT waste To explain recycling is a way to future To discuss ways of staying green	The learner understands the problem and issues regarding green computing The learner understands the ways to reduce power consumption The learner discusses various ways to reduce IT waste The learner will gain the knowledge about recycling The learner become familiar with different ways to stay green
					USIT301	PYHTON PROGRAMMING	To acquire programming skills in core Python. To acquire Object Oriented Skills in Python. To develop the skill of designing Graphical user Interfaces in Python	The learner explains basic principles of Python programming language. The learner will be able to implement object-oriented concepts. The learner should develop and implement database and GUI applications.
					USIT302	DATA STRUCTURE	To provide the knowledge of basic data structures and their implementation. To understand importance of data structure in writing efficient program. To develop skills to apply appropriate data structure in problem solving.	Students will able to learn basic types of data structures like array , linked list , implementation and application . Students will able develop programming skills which require to solve given problem . Students learn to apply algorithm for solving problems like searching , sorting , insertion and deletion of data
					USIT303	COMPUTER NETWORKS	Learner should be able to conceptualize and understand the framework and working of communication networks. To acquaint the concepts of TCP/IP and OSI model. On completion of subject, learner will be able to have a firm grip over this very important segment of Internet.	Learner will be able to understand the concepts of networking, which are important for them to be known as a 'networking professionals'. To understand the concepts of each layer for communication. Useful to proceed with industrial requirements Students will gain core knowledge of Network layer routing protocols, IP addressing, data link layer concepts, design issues, and protocols.
		Ability to apply the knowledge of Information Technology with recent trends aligned with industry. Ability to apply	Students will apply the knowledge of Information Technology with recent trends aligned with industry					



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
IS00255	BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY	IT in the field of Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Ability to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure Services as specializations. Ability to apply the knowledge of Intellectual Property Rights and Cyber Laws. Ability to build and write effective project reports content development and to work in multidisciplinary environment in the context of changing technologies.	Industry Student will apply IT in the field of Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Student will be able to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure Services as specializations. Student will be able to apply the knowledge of Intellectual Property Rights and Cyber Law Student will be able to build and document a project.	SEM - III	USIT304	DATABASE MANAGEMENT SYSTEM	Pupil Should be able to understand the concept of Database Pupil should be able to make a working database model Pupil should be able do make a database in Oracle 10g	Pupil should be able to execute a PLSQL program Outcome Pupil understands the concept of Database Pupil can make a working database model Pupil can make a database in Oracle 10g Pupil is able to execute a PLSQL program
					USIT305	APPLIED MATHEMATICS	To solve problems on matrix and complex numbers. To solve the first order differential equation and higher order differential equation with constant coefficient. To solve the problems based on multiple integral and their application. To obtain information about beta and gamma function as well as error functions.	Students will be able to solve the question on linear system of equation, Cayley Hamilton theorem, eigen values, eigen vectors, writing complex number in exponential and polar form, also to find the roots of complex numbers Students will be able to solve different kind of differential equations Students will be able to learn the topics like change of order in the multiple integral, application of integration in finding area and volume of given systems. Students will be able to learn the definition and uses of beta and gamma function and also error function
					USIT3P1	PYHTON PROGRAMMING PRACTICAL	To acquire programming skills in core Python. To acquire Object Oriented Skills in Python. To develop the skill of designing Graphical user Interfaces in Python	The learner explains basic principles of Python programming language. The learner will be able to implement object-oriented concepts. The learner should develop and implement database and GUI applications.
					USIT3P2	DATA STRUCTURE PRACTICAL	To provide the knowledge of basic data structures and their implementation. To understand importance of data structure in writing efficient program. To develop skills to apply appropriate data structure in problem solving.	Students will able to learn basic types of data structures like array , linked list , implementation and application . Students will able develop programming skills which require to solve given problem . Students learn to apply algorithm for solving problems like searching , sorting , insertion and deletion of data
					USIT3P3	COMPUTER NETWORKS PRACTICALS	Learner should be able to conceptualize and understand the framework and working of communication networks. To acquaint the concepts of TCP/IP and OSI model. On completion of subject, learner will be able to have a firm grip over this very important segment of Internet.	Learner will be able to understand the concepts of networking, which are important for them to be known as a 'networking professionals'. To understand the concepts of each layer for communication. Useful to proceed with industrial requirements Students will gain core knowledge of Network layer routing protocols, IP addressing, data link layer concepts, design issues, and protocols.
					USIT3P4	DATABASE MANAGEMENT SYSTEMS PRACTICAL	Pupil Should be able to understand the concept of Database Pupil should be able to make a working database model Pupil should be able do make a database in Oracle 10g	Pupil should be able to execute a PLSQL program Outcome Pupil understands the concept of Database Pupil can make a working database model Pupil can make a database in Oracle 10g Pupil is able to execute a PLSQL program



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USIT3P6	APPLIED MATHEMATICS PRACTICAL	<p>To solve problems on matrix and complex numbers.</p> <p>To solve the first order differential equation and higher order differential equation with constant coefficient.</p> <p>To solve the problems based on multiple integral and their application.</p> <p>To obtain information about beta and gamma function as well as error functions.</p>	<p>Students will be able to solve the question on linear system of equation, Cayley Hamilton theorem, eigen values, eigen vectors, writing complex number in exponential and polar form, also to find the roots of complex numbers</p> <p>Students will be able to solve different kind of differential equations</p> <p>Students will be able to learn the topics like change of order in the multiple integral, application of integration in finding area and volume of given systems.</p> <p>Students will be able to learn the definition and uses of beta and gamma function and also error function</p>
					USIT401	CORE JAVA	<p>To provide knowledge about basic Java language syntax and semantics to write Java programs.</p> <p>To assist students to understand the fundamentals of object-oriented programming in Java to design GUI applications.</p> <p>To teach how to design a graphical user interface (GUI) using applets and AWT in Java.</p>	<p>The learner will be able to understand how to design, implement, test, debug, and document programs using basic Java language syntax and semantics.</p> <p>The learner will be able to implement object-oriented programming concepts effectively.</p> <p>The learner will be able to demonstrate how to achieve reusability using inheritance, interfaces and packages and describes faster application development can be achieved.</p>
					USIT402	INTRODUCTION TO EMBEDDED SYSTEMS	<p>To introduce basic building blocks of embedded system .</p> <p>To give knowledge about basic structures , functions , concepts and applications of embedded system.</p> <p>To develop familiarity with 8051 microcontroller and their application in embedded system environment.</p> <p>To introduce basics and types of Real Time operating system.</p>	<p>Students will understand the concept of embedded system , microcontroller , different components of microcontroller.</p> <p>Students get familiarized with programming environment.</p> <p>Pupil can acquire knowledge about devices and buses used in embedded system.</p> <p>Students can understand about life cycle of embedded design.</p>
		Ability to apply the knowledge of Information Technology with recent trends aligned with industry. Ability to apply IT in the field of Electronics	Students will apply the knowledge of Information Technology with recent trends aligned with industry Student will		USIT403	COMPUTER ORIENTED STATISTICAL TECHNIQUES	<p>Learner should be able to deal with statistical operations like mean , median and mode.</p> <p>To learn the concepts of sampling and probability theory.</p> <p>To make students able to test hypothesis and taking decision to whether to accept or reject the given hypothesis</p> <p>Students should become familiar with concept of correlation, regression and fitting of curve</p>	<p>Student become able to do statistical conclusions based on data given to them</p> <p>Students become able to take sample and draw the probabilities and expectation of the data</p> <p>Students become able to test and predict the confidence interval for given static</p> <p>Students become able to predict the value of one of the variable when other is known and also the nature of relation between given bivariate data</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY		Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Ability to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure Services as specializations. Ability to apply the knowledge of Intellectual Property Rights and Cyber Laws. Ability to build and write effective project reports content development and to work in multidisciplinary environment in the context of changing technologies.	apply IT in the field of Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Student will be able to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure Services as specializations. Student will be able to apply the knowledge of Intellectual Property Rights and Cyber Law Student will be able to build and document a project.	SEM - IV	USIT404	SOFTWARE ENGINEERING	Student will study a collection of methods which embody an "engineering" approach to the development of software. students will discuss the nature of software and software projects, software development models, software process maturity, project planning, management, and estimations. Students will study and practice methods for analysis, design, testing, and implementation of large, complex software systems. Student will inquire into the various perspectives on software quality -- what it means, how to measure it, how to improve it.	Students will learn the Information Technology Program Objectives of identifying and solving engineering problems Students will understand principles, concepts, methods, and techniques of the software engineering approach to producing quality software for large, complex systems. Students will learn to function effectively as a member of a team engaged in technical work. Students will learn to think critically about ethical and social issues in software engineering for different applications
					USIT405	COMPUTER GRAPHICS	Understand core concepts of computer graphics and computer animation. Learn different graphics algorithms. Apply graphics programming techniques to design, and create computer graphics applications.	Learner will demonstrate their ability to use computer graphics techniques, models, and algorithms to solve graphics problems. Learner will be able to understand the concepts of computer graphics and animation. Useful to proceed with industrial requirements
					USIT4P1	CORE JAVA PRACTICAL	To provide knowledge about basic Java language syntax and semantics to write Java programs. To assist students to understand the fundamentals of object-oriented programming in Java to design GUI applications. To teach how to design a graphical user interface (GUI) using applets and AWT in Java.	The learner will be able to understand how to design, implement, test, debug, and document programs using basic Java language syntax and semantics. The learner will be able to implement object-oriented programming concepts effectively. The learner will be able to demonstrate how to achieve reusability using inheritance, interfaces and packages and describes faster application development can be achieved.
					USIT4P2	INTRODUCTION TO EMBEDDED SYSTEMS PRACTICAL	To introduce basic building blocks of embedded system . To give knowledge about basic structures , functions , concepts and applications of embedded system. To develop familiarity with 8051 microcontroller and their application in embedded system environment. To introduce basics and types of Real Time operating system.	Students will understand the concept of embedded system , microcontroller , different components of microcontroller. Students get familiarized with programming environment. Pupil can acquire knowledge about devices and buses used in embedded system. Students can understand about life cycle of embedded design.
					USIT4P3	COMPUTER ORIENTED STATISTICAL TECHNIQUES PRACTICAL	Learner should be able to deal with statistical operations like mean , median and mode. To learn the concepts of sampling and probability theory. To make students able to test hypothesis and taking decision to whether to accept or reject the given hypothesis Students should become familiar with concept of correlation, regression and fitting of curve	Student become able to do statistical conclusions based on data given to them Students become able to take sample and draw the probabilities and expectation of the data Students become able to test and predict the confidence interval for given static Students become able to predict the value of one of the variable when other is known and also the nature of relation between given bivariate data



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					USIT4P4	SOFTWARE ENGINEERING PRACTICAL	<p>Student will study a collection of methods which embody an "engineering" approach to the development of software.</p> <p>students will discuss the nature of software and software projects, software development models, software process maturity, project planning, management, and estimations.</p> <p>Students will study and practice methods for analysis, design, testing, and implementation of large, complex software systems.</p> <p>Student will inquire into the various perspectives on software quality -- what it means, how to measure it, how to improve it.</p>	<p>Students will learn the Information Technology Program Objectives of identifying and solving engineering problems</p> <p>Students will understand principles, concepts, methods, and techniques of the software engineering approach to producing quality software for large, complex systems.</p> <p>Students will learn to function effectively as a member of a team engaged in technical work.</p> <p>Students will learn to think critically about ethical and social issues in software engineering for different applications</p>
					USIT4P5	COMPUTER GRAPHICS PRACTICAL	<p>Understand core concepts of computer graphics and computer animation.</p> <p>Learn different graphics algorithms.</p> <p>Apply graphics programming techniques to design, and create computer graphics applications.</p>	<p>Learner will demonstrate their ability to use computer graphics techniques, models, and algorithms to solve graphics problems.</p> <p>Learner will be able to understand the concepts of computer graphics and animation.</p> <p>Useful to proceed with industrial requirements</p>
					USIT501	SOFTWARE PROJECT MANAGEMENT	<p>To understand the importance of Software project management, project evaluation and programme management.</p> <p>To select of an appropriate project approach for the software effort estimation.</p> <p>To be able to plan activity, manage risk and do resource allocation.</p> <p>To gain the understanding of monitoring and control, managing contracts and managing people in software environments</p> <p>To understand the importance of working in Teams, software quality and project closeout.</p>	<p>Lerner understands the importance of Software project management, project evaluation and programme management.</p> <p>Lerner is able to select of an appropriate project approach for the software effort estimation.</p> <p>Lerner is able to plan activity, manage risk and do resource allocation.</p> <p>Lerner will gain the understanding of monitoring and control, managing contracts and managing people in software environments</p> <p>Lerner understands the importance of working in teams, software quality and project closeout.</p>
					USIT502	INTERNET OF THINGS	<p>Students will be explored to the interconnection and integration of the physical world and are able to design & develop IOT Devices.</p> <p>Internet of Things is a term given to the attempt of connecting objects to the internet and also to each other - allowing people to analyse data from various sources in real-time and take necessary actions using intelligent method.</p>	<p>Able to understand the application areas of IOT</p> <p>Able to understand building blocks of Internet of Things and characteristics.</p> <p>After the completion of the course, the students will be able design some IOT based prototypes.</p>
					USIT503	ADVANCE WEB PROGRAMMING	<p>Understand web application configuration and demonstrate the ability to manage basic configuration issues.</p> <p>Define and describe what a web service is and how web services are used.</p> <p>Create and modify simple web services.</p> <p>Create desktop and web applications that consume simple web services.</p>	<p>Upon successful completion of this course, the student shall be able to:</p> <p>Understand the Microsoft .NET Framework and ASP.NET page structure</p> <p>Design web application with variety of controls</p> <p>Access the data using inbuilt data access tools</p> <p>Use Microsoft ADO.NET to access data in web Application</p> <p>Configure and deploy Web Application</p> <p>Develop secured web application</p>
							Ability to apply the knowledge of Information Technology with recent trends aligned with industry.	Student will apply IT in the field of Electronics, Mathematics



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY	Ability to apply IT in the field of Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Ability to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure Services as	Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Student will be able to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure	SEM - V	USIT504	ARTIFICIAL INTELLIGENCE	<p>To gain a historical perspective of AI and its foundations.</p> <p>To become familiar with basic principles of AI toward problem solving, inference, perception, knowledge representation, and learning.</p> <p>To investigate applications of AI techniques in intelligent agents, expert systems, artificial neural networks and other machine learning models.</p> <p>To experience AI development tools such as an 'AI language', expert system shell, and/or data mining tool.</p> <p>To experiment with a machine learning model for simulation and analysis.</p> <p>To explore the current scope, potential, limitations, and implications of intelligent systems.</p>	<p>The learner demonstrates fundamental understanding of the history of artificial intelligence (AI) and its foundations.</p> <p>The learner applies basic principles of AI in solutions that require problem solving, inference, perception, knowledge representation, and learning.</p> <p>The learner demonstrates awareness and a fundamental understanding of various applications of AI techniques in intelligent agents, expert systems, artificial neural networks and other machine learning models.</p> <p>The learner develops proficiency developing applications in an 'AI language', expert system shell, or data mining tool.</p> <p>The learner applies proficiency in applying scientific method to models of machine learning.</p> <p>The learner displays an ability to share in discussions of AI, its current scope and limitations, and societal implications.</p> <p>The learner evaluates the applications of genetic algorithms in different problems related to artificial intelligence.</p> <p>The learner develops the use of knowledge representation techniques in natural language processing.</p>
					USIT506	NEXT GENERATION TECHNOLOGIES	<p>To gain a historical perspective of DBMS, SQL and NoSQL.</p> <p>To become familiar with basic principles of mongo dB toward problem solving, inference, perception, knowledge representation, and learning.</p> <p>To experience mongo development tools such as an 'mongodb' shell, expert system shell, and data visualization tool.</p> <p>To experience and develop organization skills in file and database management, relate mongo shell tools.</p>	<p>Upon successful completion of this course, the student shall be able to:</p> <p>Student shall be able to Demonstrate fundamental understanding of the history of DBMS, SQL and NoSQL.</p> <p>Student shall be able to have an understanding on MongoDB concepts needed to create and deploy a highly scalable and performance-oriented database.</p> <p>Student shall be able to learn how to get mongo running, manipulate and query data, the index for speed.</p> <p>Student shall be able to experience and develop organization skills in file and database management, relate mongo shell tools.</p>
					USIT5P1	PROJECT DISSERTATION	<p>To understand the importance of Software project management, project evaluation and programme management.</p> <p>To select of an appropriate project approach for the software effort estimation.</p> <p>To be able to plan activity, manage risk and do resource allocation.</p> <p>To gain the understanding of monitoring and control, managing contracts and managing people in software environments</p> <p>To understand the importance of working in Teams, software quality and project closeout.</p>	<p>Lerner understands the importance of Software project management, project evaluation and programme management.</p> <p>Lerner is able to select of an appropriate project approach for the software effort estimation.</p> <p>Lerner is able to plan activity, manage risk and do resource allocation.</p> <p>Lerner will gain the understanding of monitoring and control, managing contracts and managing people in software environments</p> <p>Lerner understands the importance of working in teams, software quality and project closeout.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY	Ability to apply the knowledge of Information Technology with recent trends aligned with industry. Ability to apply IT in the field of Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing.	Student will apply IT in the field of Electronics, Mathematics, Computer Graphics, Artificial Intelligence, Networking and Cloud Computing. Student will be able to provide socially acceptable technical solutions in the domains of Information Security, Internet of Things and Embedded System, Infrastructure	SEM - VI	USIT601	SOFTWARE QUALITY ASSURANCE	To gain the historical perspective of quality and understand software quality. To understand the fundamentals of testing To get knowledge of unit testing and boundary value testing To understand the technique of software verification, validation and levels of testing	Students gain the historical perspective of quality and understand software quality Students understand the fundamentals of testing Students get knowledge of unit testing and boundary value testing Students understand the technique of software verification, validation and levels of testing	
				USIT602	SECURITY IN COMPUTING	Describe various communications networks and their main components. Identify the advantages and disadvantages of a network. Define the terminology associated with computer networks. Identify the components associated with computer networks. Develop a networking plan for yourself or a client. Distinguish and explain the concepts of: hacking and cracking; authorization, and attacks. Identify the function of a firewall, and how it keeps a computer secure and safe from viruses. Prepare a plan for anti-virus protection.	Identify some of the factors driving the need for network security Identify and classify particular examples of attacks Define the terms vulnerability, threat and attack Identify physical points of vulnerability in simple networks Compare and contrast symmetric and asymmetric encryption systems and their vulnerability to attack, and explain the characteristics of hybrid systems.	
				USIT603	BUSINESS INTELLIGENCE	Spotting business issues that need to be resolved. Working hard to improve and speed up decision making process. Using Various tools to show performance.	Understand and critically apply the concepts and methods of business Intelligence. Create viable solution for decision making problem. Interpret results and provide solution for a given managerial situation.	
				USIT604	PRINCIPLES OF GEOGRAPHIC INFORMATION SYSTEMS	To gain a foundation level concept related to basics of Geographic information systems. To apply various concepts related to colour theory, symbolization and use of white space. To experience and develop organization skills in file and database management, related GIS with remote sensing technologies and analyse spatial data using GIS tools.	The learner comprehends fundamental concepts and practices of GIS. The learner applies basic graphic and data visualization concepts such as color theory, symbolization and use of white space. The learner demonstrates organization skills in file and database management, related GIS with remote sensing technologies and analyse spatial data using GIS tools.	
				USIT607	ENTERPRISE NETWORKING			
				USIT608	IT SERVICE MANAGEMENT			
				USIT609	CYBER LAWS	Pupil should understand the concept Cyber Law Pupil should understand the implications of IT Act 2000 Pupil should understand the jurisdiction in cyber world Pupil should get a good understanding of Copyright protection on cyber world	Pupil understands the concept Cyber Law Pupil understands the implications of IT Act 2000 Pupil gains the knowledge the jurisdiction in cyber world Pupil get a good understanding of Copyright protection on cyber world	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	MASTER OF COMMERCE -I			SEM - I	001	STRATEGIC MANAGEMENT	To enable the learners to understand new forms of Strategic Management concepts and their use in business. To provide information pertaining to Business, Corporate and Global Reforms. To develop learning and analytical skills of the learners to enable them to solve cases and to provide strategic solutions. To acquaint the learners with recent developments and trends in the business corporate world	Develops an understanding of new forms of Strategic Management concepts and their use in business. Gain insight about Business, Corporate and Global reforms. Establishes a strategic mindset and develops analytical skills to solve cases and provide strategic solutions. Build the ability to learn recent developments and trends in the business corporate world.
					002	ECONOMICS FOR BUSINESS DECISIONS	To enhance the abilities of learners to develop the economic concepts and its significance in the business To enable the learners to understand, develop and apply the techniques of economic analysis in the decision making in the business corporates To enable the learners in understanding, developing, preparing and presenting economic analysis report in the business and government policies.	Develop the skills to apply economic principles and enhance decision making ability. Develop skill sets required in business analytics.
					003	COST AND MANAGEMENT ACCOUNTING	To enhance the abilities of learners to develop the concept of Cost and management accounting and its significance in the business To enable the learners to understand, develop and apply the techniques of costing in the decision making in the business corporates To enable the learners in understanding, developing, preparing and presenting the financial report in the business corporates	Develop the ability to make managerial decisions. Evaluate the reason for variances by comparing standard cost with Actual cost. Develop the ability to prepare different types of budgets. Calculate per unit cost of different services.
					004	BUSINESS ETHICS AND CORPORATE SOCIAL RESPONSIBILITY	Have a clear understanding of the nature of ethics and social responsibility in the context of business. Learn substantial debates regarding the implications of ethical arguments for business activity. To make students understand the concept, theories and application of CSR for the Development of the Society. To develop students' understanding of business ethics in different organizational context and to frame it towards the concept of Corporate Social Responsibility.	Appraise ethical issues and the implications for decision making within examples drawn from contemporary business practice. Understand the key characteristics of Corporate Social Responsibility (CSR) in the context of present-day management Help students to improve their ability to make ethical decisions in business by providing them with a framework that they can use to identify, analyze, and resolve ethical issues in business decision making. Students should be able to understand, describe and evaluate CSR from the stakeholder perspective.
	MASTER OF COMMERCE			SEM - II	001	E - COMMERCE	To provide an analytical framework to understand the emerging world of e-commerce To make the learners familiar with current challenges and issues in e-commerce To develop the understanding of the learners towards various business models To develop understanding of learners relating to Legal and Regulatory Environment and Security issues of E-commerce.	Analyse the impact of E-commerce on business models and strategy. Identify the key security threats in the E-commerce environment. Gain insight on the security issues of E-Commerce Build the ability to learn recent developments and trends in E-Commerce
					002	MACRO ECONOMICS CONCEPTS AND APPLICATION	To enhance the abilities of learners to develop the economic concepts and its significance in the business To enable the learners to understand, develop and apply the techniques of economic analysis in the decision making in the business corporates To enable the learners in understanding, developing, preparing and presenting the economic analysis report in the business and government policies.	Develop the skills to apply economics concepts at macro level. Develop the economic tools to apply concepts in economics for developmental programs.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
2C0053	COMMERCE -I				003	RESEARCH METHODOLOGY FOR BUSINESS	To enhance the abilities of learners to undertake research in business & social sciences. To enable the learners to understand, develop and apply the fundamental skills in formulating research problems. To enable the learners in understanding and developing the most appropriate methodology for their research. To make the learners familiar with the basic statistical tools and techniques application for research.	Establishes research mindset and initiate to undertake research in Business & Social Science. Develop an understanding and apply fundamental skills in formulating research problems. Develop the ability to apply the methods while working on a research project work. Builds the ability to learn the concept of basic statistical tools and techniques application for research.
					004	CORPORATE FINANCE	To enhance the abilities of learners to develop the objectives of Financial Management To enable the learners to understand, develop and apply the techniques of investment in the financial decision making in the business corporates To enhance the abilities of learners to analyse the financial statements.	Elucidate the scope and objectives of financial management Develop the ability to apply the techniques of investment in the financial decision making Analyse and apply the ratios in financial decision making
				02	ADVANCED FINANCIAL ACCOUNTING	To enable the learners to understand provisions of AS 11 and translation of financial statements of Foreign /branches. To enable the learners to understand legal aspects of Banking companies and preparation of final Accounts of Banking companies as per guidelines RBI. To provide the learner with knowledge of Insurance, Reinsurance, premia commission and claims and preparation of Revenue Account, Profit and Loss account, Balance Sheet and other provisions of IRDA . To acquaint the learners with Life Insurance and provisions of IRDA with regard to final accounts of Life Insurance. To empower the learner with knowledge of co-operative development, and accounting of co-operative societies.	Enables them to understand and apply the provisions of AS11 solving the problems of finalisation of foreign Branch. The learner understands completely the format of banking company final accounts and is able to prepare the final accounts of the banking Companies. The learner understands various provision of IRDA regarding General Insurance final Accounts of General Insurance Companies and understanding of Reserve for Unexpired Risk. Imparts full knowledge of Life Insurance its importance and practical aspects of Life Insurance company final Accounts. The learner gets the knowledge of formation of co-operative society , its day to day working and preparation of its final accounts.	
				03	ADVANCED COST ACCOUNTING	To provide information about various process involved in producing the goods in different industries. To empower the students with knowledge of allocation of overheads, classification of overheads and the advantages of allocation. To provide information about concept of ABC analysis and different steps involved which is different from traditional method. To acquaint the learners with the knowledge of target costing and inflation accounting method	The learners get knowledge of information about process costing, preparation of process account and calculation of cost per unit. The learners get full knowledge of allocation of overhead to production and service department on different basis for preparation of statements. The learners understand the methods for preparation of statement under ABC analysis. The learners understand the new methods of target costing, inflation accounting concept and preparation of additional statement of accounts.	
				04	DIRECT TAX	To enable the learners to understand the basic concepts, definitions and terms related to Income tax. To help the learners determine residential status and its effect on the scope of total income. To demonstrate to the learners the various heads under which income can be earned in India and the procedure for computation of income under the various heads namely income from salaries, house property, business/ profession, capital gains and income from other sources. To highlight the various deductions under Chap VI-A of the Income tax act, 1961. To enable the learners to determine the net total taxable income of the assessee and also to compute tax based on slab rates.	Learners will be able to identify the technical terms related to Income tax. Learners will be able to determine the residential status of an individual and subsequently the scope of total income. Learners will be able to compute income under the various heads of income and understand the amendments and insertions made in the provisions from time to time. Learners understand the benefits of the various deductions which are to be reduced from the Gross Total Income. Learners will be able to file IT return on Individual basis and thereby generate self employment.	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	MASTER OF COMMERCE -II			SEM - IV	01	INDIRECT TAX	<p>To enable the learners understand the basic concepts, definitions and terms related to Goods and Service Tax (GST).</p> <p>To familiarize learners with the concept of forward charge, reverse charge mechanism and the concept of supply with rules related to place and value of supply.</p> <p>To highlight the persons liable for registration and the persons not required to obtain registration under the GST law and the procedure to be followed for registration and cancellation of registration.</p> <p>To acquaint the learners with computation of Goods and Service Tax (GST) payable by a supplier after considering the eligible input tax credit.</p>	<p>Learners will be able to identify the technical terms related to Goods and Service Tax (GST).</p> <p>Learners will be able to differentiate between forward and reverse charge mechanism and will be able to determine the place and value of supply.</p> <p>Learners will be able to determine whether a person is required to obtain registration under GST law and the procedure to be applied for registration and cancellation wherever necessary.</p> <p>Learners will be able to compute the amount of CGST, SGST and IGST payable after considering the eligible input tax credit. Learners will be able to seek job opportunities in the field of GST.</p>
					02	PROJECT GUIDANCE		
					03	CORPORATE FINANCIAL ACCOUNTING	<p>To enable the learners to understand the need and importance of financial reporting, contents of financial reports and recent trends in financial reporting. To empower the learners regarding IFRS and its applicability, accounting standards, Ind- AS and study of certain Ind-AS. To provide the learner with knowledge of valuation of business, with special regard to amalgamation and merger of two businesses. To acquaint the learners with provisions of Accounting Standard for consolidation of financial statements of Ltd. companies.</p>	<p>Enables the learners to understand purpose of financial reports, and its contents such as final accounts and annual report, management discussion, The learner understands the roadmap to IFRS, importance of Accounting Standards, Ind AS and specific Ind -AS namely: borrowing costs, operating segments and segment reporting, Earning per share, deferred taxation and accounting for Fixed Assets. The learner gets full knowledge of valuation of Goodwill and valuation of different types of shares. The learner is able to solve problems involving valuation of goodwill and shares. Imparts full knowledge of what is parent company, subsidiary company and procedure of consolidation of financial statements of holding company and subsidiary company.</p>
					04	FINANCIAL MANAGEMENT	<p>To provide information about short term and long-term investments, advantages and disadvantages. To empower the students about the concept of capital budgeting and different techniques of capital budgeting. To provide information about various stock levels and the techniques used in calculation of Economic ordering quantity. To acquaint the learners about budgetary control which is useful to companies for preparation of cash budget & flexible budget.</p>	<p>The learner gets knew about various securities issued by govt, public companies and private companies from time to time. The learners understand the different methods of calculating of capital budgeting and applying the formulas. The learners understand the method of calculation of Economic ordering quantity along with ordering cost and carrying cost. The students understand the techniques of budget control and prepare various statement of cash budget, flexible budget & production budget.</p>
		To enable students inculcate a deep and analytical reading skill of	Student inculcates deep and analytical reading skills of poetry. Student		PAHIN 101	HISTROY OF HINDI LITERATURE	<p>To enable students inculcate a deep and analytical reading skill.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through literature.</p> <p>To enable students learn various forms of literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through literature.</p> <p>Student learns various forms of literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
MASTER OF ARTS		poetry. To enable students learn writing skills. To enable students learn various aspects of language. To enable students understand various emotions of life through poetic literature. To make students a responsible citizen.	Student learns writing skills. Student learns various aspects of language. Student understand various emotions of life through poetic literature. Student moves a step ahead towards becoming responsible citizen.	SEM - I	PAHIN 103	POETICS AND LITERARY CRITICISM	To enable students inculcate a deep and analytical reading skill. To enable students learn Poetics. To enable students learn various aspects of language. To enable students learn comparative Poetics (Indian and Western). To enable students learn scientific aspects of language and literature. To make students a responsible citizen.	Student inculcates deep and analytical reading skills. Student learns Poetics. Student learns various aspects of language. Student learns comparative Poetics (Indian and Western). Student learns scientific aspects of language and literature. Student moves a step ahead towards becoming responsible citizen.
					PAHIN 105	LINGUISTICS AND HINDI LANGUAGE	To enable students inculcate a deep and analytical reading skill. To enable students learn linguistic skills. To enable students learn various aspects of language. To enable students learn scientific aspects of language and literature. To make students a responsible citizen.	Student inculcates deep and analytical reading skills. Student learns linguistic skills. Student learns various aspects of language. Student learns scientific aspects of language and literature. Student moves a step ahead towards becoming responsible citizen.
					PAHIN 107	ANCIENT AND MEDIEVAL POETRY	To enable students inculcate a deep and analytical reading skill of poetry. To enable students learn writing skills. To enable students learn various aspects of language. To enable students understand various emotions of life through poetic literature. To make students a responsible citizen.	Student inculcates deep and analytical reading skills of poetry. Student learns writing skills. Student learns various aspects of language. Student understand various emotions of life through poetic literature. Student moves a step ahead towards becoming responsible citizen.
	MASTER OF ARTS	To enable students inculcate a deep and analytical reading skill of poetry. To enable students learn writing skills. To enable students learn various aspects of language. To enable students understand various emotions of life through poetic literature.	Student inculcates deep and analytical reading skills of poetry. Student learns writing skills. Student learns various aspects of language. Student understand various emotions of life through poetic literature. Student	SEM - II	PAHIN 102	HISTROY OF HINDI LITERATURE	To enable students inculcate a deep and analytical reading skill. To enable students learn writing skills. To enable students learn various aspects of language. To enable students understand various emotions of life through literature. To enable students learn various forms of literature. To make students a responsible citizen.	Student inculcates deep and analytical reading skills. Student learns writing skills. Student learns various aspects of language. Student understand various emotions of life through literature. Student learns various forms of literature. Student moves a step ahead towards becoming responsible citizen.
					PAHIN 104	POETICS AND LITERARY CRITICISM	To enable students inculcate a deep and analytical reading skill. To enable students learn Poetics. To enable students learn various aspects of language. To enable students learn comparative Poetics (Indian and Western). To enable students learn scientific aspects of language and literature. To make students a responsible citizen.	Student inculcates deep and analytical reading skills. Student learns Poetics. Student learns various aspects of language. Student learns comparative Poetics (Indian and Western). Student learns scientific aspects of language and literature. Student moves a step ahead towards becoming responsible citizen.
					PAHIN 106	LINGUISTICS AND HINDI LANGUAGE	To enable students inculcate a deep and analytical reading skill. To enable students learn linguistic skills. To enable students learn various aspects of language. To enable students learn scientific aspects of language and literature. To make students a responsible citizen.	Student inculcates deep and analytical reading skills. Student learns linguistic skills. Student learns various aspects of language. Student learns scientific aspects of language and literature. Student moves a step ahead towards becoming responsible citizen.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
BA00533	MASTER OF ARTS	To enable students inculcate a deep and analytical reading skill of poetry. To enable students learn writing skills. To enable students learn various aspects of language. To enable students understand various emotions of life through poetic literature. To make students a responsible citizen.	Student inculcates deep and analytical reading skills of poetry. Student learns writing skills. Student learns various aspects of language. Student understand various emotions of life through poetic literature. Student moves a step ahead towards becoming responsible citizen.	SEM - III	PAHIN 108	ANCIENT AND MEDIEVAL POETRY	<p>To enable students inculcate a deep and analytical reading skill of poetry.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through poetic literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills of poetry.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through poetic literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					PAHIN 109	MODERN PROSE	<p>To enable students inculcate a deep and analytical reading skill.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through literature.</p> <p>To enable students learn critical reading and writing.</p> <p>To inculcate the habit of research.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through literature.</p> <p>Student learns critical reading and writing.</p> <p>Student develops the habit of research.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					PAHIN 110	MODERN POETRY	<p>To enable students inculcate a deep and analytical reading skill of poetry.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various emotions of life through poetic literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills of poetry.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various emotions of life through poetic literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					PAHIN 111	VARIOUS DISCOURSE AND LITERATURE	<p>To enable students inculcate a deep and analytical reading skill of various discourses.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various social aspects of life through regional literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills of various discourses.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various social aspects of life through regional literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
					PAHIN 112.1	INDIAN LITERATURE	<p>To enable students inculcate a deep and analytical reading skill of comparative regional literature.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various aspects of life through comparative regional literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills of comparative regional literature.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understand various aspects of life through comparative regional literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>
MASTER OF ARTS	To enable students learn writing skills. To enable students learn	Student inculcates deep and analytical reading skills of poetry	SEM - IV	PAHIN 114.4	DIASPORIC HINDI LITERATURE	<p>To enable students inculcate a deep and analytical reading skill.</p> <p>To enable students learn writing skills.</p> <p>To enable students learn various aspects of language.</p> <p>To enable students understand various problems of NRI,s of life through literature.</p> <p>To make students a responsible citizen.</p>	<p>Student inculcates deep and analytical reading skills.</p> <p>Student learns writing skills.</p> <p>Student learns various aspects of language.</p> <p>Student understands various problems of NRI,s through literature.</p> <p>Student moves a step ahead towards becoming responsible citizen.</p>	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
		various aspects of language.	Student learns writing skills.		PAHIN 115.1	MASS COMMUNICATION	सूचना प्रौद्योगिकी के विकास व हिंदी में उसके उपयोग से विद्यार्थियोंको अवगत कराना कम्प्युटर पर हिंदी में कामकाज से विद्यार्थियोंको परिचित कराना संचार माध्यम और रोजगार की संभवनाओंको स्पष्ट करना	जनसंचार माध्यम के विभिन्न प्रयोग और तकनीकी गुणोंकी समझ विकसित होगी हिंदी में उपलब्ध रोजगार मिलेंगे विद्यार्थियों को कम्प्युटर पर कार्य करने कि क्षमता विकसित होगी
MASTER OF SCIENCE IN ORGANIC CHEMISTRY	Knowledge of the concepts through theoretical understanding of the principles of chemistry. Topics like thermodynamics, kinetics, stereochemistry, quantum, symmetry from analytical, organic, inorganic and physical chemistry. Basic understanding in the major area(s) of research and acquire basic tools needed to carry out minor research projects. The ability to implement	Aptitude and skills necessary to pursue research as a career. Skills necessary to be employed in the various sectors like chemical, pharmaceutical, food and materials industries. Competency to clear competitive examination. The principles influencing reactivity, including acid-base behaviours and reaction networks important in nutrition and metabolism How to carry out organic reactions and how to prepare their	SEM - I	PSCH 101	PHYSICAL CHEMISTRY	To understand the concept of Thermodynamics, Quantum Chemistry, Chemical Dynamics, and Electrochemistry. The students will learn about Chemical Thermodynamics (Real gases), Quantum Chemistry, Chemical Kinetics and Molecular Reaction Dynamics, Solid State Chemistry and Phase Equilibria etc.	After successfully completing this course, students will be able to: Represent of the rate law of the elementary and chain reaction Understand of the theories for the determination of the rate of the reactions Understand of the laws of thermodynamics and their applications Understand of the applications statistical thermodynamic Understand the basics of the quantum chemistry	
				PSCH 102	INORGANIC CHEMISTRY	The students will learn about Chemical Bonding, Molecular Symmetry and Group Theory, Solid state Chemistry, Nanomaterials and Characteristics of co-ordination compounds The students learn about Inorganic Reaction Mechanism, Organometallic Chemistry of Transition metals, Environmental Chemistry and Bioinorganic Chemistry.	After successfully completing this course, students will be able to: Predict Chemical Bonding of a given molecule Draw symmetry elements of a given structure. Design group character table. Understand the properties of Nanomaterials. Predict mechanism of an Inorganic Reaction. Predict Properties of Transition elements. Devise methods to curtail environmental pollution. Understand various bio inorganic systems.	
				PSCH 103	ORGANIC CHEMISTRY	The students will learn about Thermodynamic and kinetic requirements and mechanism of a reaction, acid base reaction, Nucleophilic substitution reactions and Aromaticity, Stereochemistry, and oxidation and reduction. The students learn about different types of reaction mechanism and rearrangements, Introduction to Molecular Orbital Theory for Organic Chemistry, NMR spectroscopy and Mass spectrometry, NMR spectroscopy and Mass spectrometry.	After successfully completing this course, students will be able to: Calculate Thermodynamic and Kinetic requirement of a reaction. Predict stereochemistry of an organic molecule. Write mechanism and devise applications of the organic reaction Elucidate structure of an organic compound based on its spectral values.	
				PSCH 104	ANALYTICAL CHEMISTRY	The students will learn about language and quality of analytical chemistry, lab safety, preparation of solutions numerically, optical and thermal methods etc.	After successfully completing this course, students will be able to:	
				PSCHP 101	PRACTICAL PHYSICAL CHEMISTRY	The students will be skilled in handling the different types of instruments practically. e.g. to investigate the reaction between acetone and iodine, to verify Ostwald dilution law, to find out pka values, activity coefficient, solubility product etc. The students will learn about phase diagram, polar plot of atomic orbitals and handling different types of instruments like potentiometer, pH-meter etc.	After successfully completing this course, students will be able to: Prepare the solution of the desired concentration and the desired volume Know the principle and handling of pH meter, Potentiometer, conductivitymeter, colorimeter, viscometer, etc. Plot accurate graphs of the desired scale for the calculations	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
		Implement chemistry in an integral activity of social, economic and environmental problems, Skills in problem solving, critical thinking and analytical reasoning in designing problems in research	Prepare their solutions and laboratory techniques such as distillation, extraction and crystallization. The quantitative assessment of data and how to communicate the results of their experiments primarily via written laboratory reports		PSCHP 102	PRACTICAL INORGANIC CHEMISTRY	The students will learn to analyse the ores and alloys samples and handle different type of instruments. The students will learn to prepare the different type of complex and handling of the instruments	After successfully completing this course, students will be able to: prepare the exact solutions for quantitative analysis. Apply the knowledge of quantitative analysis for the determination of metals from ores/alloys. synthesize Inorganic complexes and also find their purity. Understand Ion-exchange chromatography for separation of metal ions. Understand the principle and working of different instruments like colourimeter, conductometer, spectrophotometer, etc.
					PSCHP 103	PRACTICAL ORGANIC CHEMISTRY	The students will learn to setup one step reactions and short preparation of organic compounds and check purity by TLC. The students will learn Separation of Binary mixture using micro-scale technique and Identification of the separated components.	After successfully completing this course, students will be able to: Setup one step reactions, calculate the stoichiometry, theoretical and percentage yield. Check purity of an organic compound using TLC. Separate Binary Mixture of Organic compounds and identify each of the components by using Micro-scale techniques
					PSCHP 104	PRACTICAL ANALYTICAL CHEMISTRY	The students will learn to prepare resin column, NaCl in saline by Volhard's method and to determine the breakthrough capacity of ion-exchange resin. The students will be skilled in handling the different types of instruments like pH meter, spectrophotometer, conductometer, potentiometer etc.	After successfully completing this course, students will be able to: Prepare resin column Estimate Chloride using Volhard's method. Determine the breakthrough capacity of ion-exchange resin. Handle instruments like pH meter, spectrophotometer, conductometer, potentiometer etc.
					PSCH 201	PHYSICAL CHEMISTRY	To understand the concept of Thermodynamics, Quantum Chemistry, Chemical Dynamics, and Electrochemistry. The students will learn about Chemical Thermodynamics (Real gases), Quantum Chemistry, Chemical Kinetics and Molecular Reaction Dynamics, Solid State Chemistry and Phase Equilibria etc.	After successfully completing this course, students will be able to: Represent of the rate law of the elementary and chain reaction Understand of the theories for the determination of the rate of the reactions Understand of the laws of thermodynamics and their applications Understand of the applications statistical thermodynamic Understand the basics of the quantum chemistry
					PSCH 202	INORGANIC CHEMISTRY	The students will learn about Chemical Bonding, Molecular Symmetry and Group Theory, Solid state Chemistry, Nanomaterials and Characteristics of co-ordination compounds The students learn about Inorganic Reaction Mechanism, Organometallic Chemistry of Transition metals, Environmental Chemistry and Bioinorganic Chemistry.	After successfully completing this course, students will be able to: Predict Chemical Bonding of a given molecule Draw symmetry elements of a given structure. Design group character table. Understand the properties of Nanomaterials. Predict mechanism of an Inorganic Reaction. Predict Properties of Transition elements. Devise methods to curtail environmental pollution. Understand various bio inorganic systems.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
S0112	MASTER OF SCIENCE IN ORGANIC CHEMISTRY	Knowledge of the concepts through theoretical understanding of the principles of chemistry. Topics like thermodynamics, kinetics, stereochemistry, quantum, symmetry from analytical, organic, inorganic and physical chemistry.	Aptitude and skills necessary to pursue research as a career. Skills necessary to be employed in the various sectors like chemical, pharmaceutical, food and materials industries. Competency to clear competitive examination.	SEM - II	PSCH 203	ORGANIC CHEMISTRY	The students will learn about Thermodynamic and kinetic requirements and mechanism of a reaction, acid base reaction, Nucleophilic substitution reactions and Aromaticity, Stereochemistry, and oxidation and reduction. The students learn about different types of reaction mechanism and rearrangements, Introduction to Molecular Orbital Theory for Organic Chemistry, NMR spectroscopy and Mass spectrometry, NMR spectroscopy and Mass spectrometry.	After successfully completing this course, students will be able to: Calculate Thermodynamic and Kinetic requirement of a reaction. Predict stereochemistry of an organic molecule. Write mechanism and devise applications of the organic reaction Elucidate structure of an organic compound based on its spectral values.
					PSCH 204	ANALYTICAL CHEMISTRY	The students will learn about language and quality of analytical chemistry, lab safety, preparation of solutions numerically, optical and thermal methods etc.	After successfully completing this course, students will be able to:
					PSCHP 201	PRACTICAL PHYSICAL CHEMISTRY	The students will be skilled in handling the different types of instruments practically. e.g. to investigate the reaction between acetone and iodine, to verify Ostwald dilution law, to find out pka values, activity coefficient, solubility product etc. The students will learn about phase diagram, polar plot of atomic orbitals and handling different types of instruments like potentiometer, pH-meter etc.	After successfully completing this course, students will be able to: Prepare the solution of the desired concentration and the desired volume Know the principle and handling of pH meter, Potentiometer, conductivitymeter, colorimeter, viscometer, etc. Plot accurate graphs of the desired scale for the calculations
					PSCHP 202	PRACTICAL INORGANIC CHEMISTRY	The students will learn to analyse the ores and alloys samples and handle different type of instruments. The students will learn to prepare the different type of complex and handling of the instruments	After successfully completing this course, students will be able to: prepare the exact solutions for quantitative analysis. Apply the knowledge of quantitative analysis for the determination of metals from ores/alloys. synthesize Inorganic complexes and also find their purity. Understand Ion-exchange chromatography for separation of metal ions. Understand the principle and working of different instruments like colourimeter, conductometer, spectrophotometer, etc.
					PSCHP 203	PRACTICAL ORGANIC CHEMISTRY	The students will learn to setup one step reactions and short preparation of organic compounds and check purity by TLC. The students will learn Separation of Binary mixture using micro-scale technique and Identification of the separated components.	After successfully completing this course, students will be able to: Setup one step reactions, calculate the stoichiometry, theoretical and percentage yield. Check purity of an organic compound using TLC. Separate Binary Mixture of Organic compounds and identify each of the components by using Micro-scale techniques
					PSCHP 204	PRACTICAL ANALYTICAL CHEMISTRY	The students will learn to prepare resin column, NaCl in saline by Volhard's method and to determine the breakthrough capacity of ion-exchange resin. The students will be skilled in handling the different types of instruments like pH meter, spectrophotometer, conductometer, potentiometer etc.	After successfully completing this course, students will be able to: Prepare resin column Estimate Chloride using Volhard's method. Determine the breakthrough capacity of ion-exchange resin. Handle instruments like pH meter, spectrophotometer, conductometer, potentiometer etc.
					PSCHO301	THEORETICAL ORGANIC CHEMISTRY - I	To learn the reactive intermediates and mechanism in organic synthesis. To study pericyclic reactions and their types with mechanism. To understand the stereochemistry of reactants, intermediates and products. To study various types of photochemical reactions with mechanism.	After successfully completing this course, students will be able to: Write mechanism of an organic reaction. Write pericyclic reactions Analyse stereochemistry of reactants, intermediates and products Write mechanism of photochemical reactions.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	MASTER OF SCIENCE IN ORGANIC CHEMISTRY	Knowledge of the concepts through theoretical understanding of the principles of chemistry. Topics like thermodynamics, kinetics, stereochemistry, quantum, symmetry from analytical, organic, inorganic and physical chemistry.	Aptitude and skills necessary to pursue research as a career. Skills necessary to be employed in the various sectors like chemical, pharmaceutical, food and materials industries. Competency to clear competitive examination.	SEM - III	PSCH0302	SYNTHETIC ORGANIC CHEMISTRY - I	<ul style="list-style-type: none"> To learn various name reactions in organic synthesis. To study organic free radical and their importance in organic synthesis. To understand the applications of enamines, ylides and α C-H functionalization in organic synthesis. To know the applications of organometallic compounds in organic synthesis. 	<ul style="list-style-type: none"> After successfully completing this course, students will be able to: Write named organic reactions Predict products of free radical reactions. Apply enamines, ylides and α C-H functionalization in organic synthesis. Apply fundamentals of organometallic compounds in organic synthesis.
					PSCH0303	NATURAL PRODUCTS AND SPECTROSCOPY	<ul style="list-style-type: none"> To learn the basic concepts involved in natural products. To study the multi-step synthesis of various natural products. To learn the advance spectroscopic technique for analysis of organic compound. To understand advance instrumental techniques for compound interpretation and identification. 	<ul style="list-style-type: none"> After successfully completing this course, students will be able to: Explain basic concepts involved in natural products Design a multi-step synthesis of natural products. Analyse organic compounds using spectroscopy. Elucidate structure of organic compound by using spectral data.
					PSCHOEC-I 304	MEDICINAL, BIOGENESIS AND GREEN CHEMISTRY	<ul style="list-style-type: none"> To learn the basic terminology involved in medicinal organic chemistry. To study quantitative structure activity relationship in drug discovery, designing. To learn primary and secondary metabolites and their importance in biogenesis. To learn basic principles of green chemistry and its applications. 	<ul style="list-style-type: none"> After successfully completing this course, students will be able to: Explain basic terminology involved in medicinal organic chemistry. Analyse structure activity relationship of drugs. Explain primary and secondary metabolites and their importance in biogenesis. Explain basic principles of green chemistry and its applications.
					PSCHO3P1	Theoretical organic chemistry- I & Synthetic Organic Chemistry-I Practical	<ul style="list-style-type: none"> To learn separation techniques and miscibility criteria of ternary mixture. To learn the solubility and miscibility criteria for identification of unknown organic compounds. 	<ul style="list-style-type: none"> After successfully completing this course, students will be able to: Separate ternary mixtures. Analyse structure activity relationship of drugs. Explain primary and secondary metabolites and their importance in biogenesis. Explain basic principles of green chemistry and its applications.
					PSCHO3P2	Natural products and Spectroscopy & Medicinal, Biogenesis and green chemistry Practical	<ul style="list-style-type: none"> To implement various organic reactions in synthetic organic chemistry. To study the planning and purification techniques involved in organic synthesis. 	<ul style="list-style-type: none"> After successfully completing this course, students will be able to: Implement organic reactions in synthetic organic chemistry Plan an organic synthesis. Purify organic compounds
					PSCHO401	THEORETICAL ORGANIC CHEMISTRY - II	<ul style="list-style-type: none"> To learn physical organic chemistry aspects (structural effects and reactivity) for organic chemistry. To study supramolecular chemistry and its applications in organic synthesis To understand the stereo-chemical aspects and its applications in organic synthesis To study principles of asymmetric synthesis and chiral auxiliaries in asymmetric synthesis. 	<ul style="list-style-type: none"> After successfully completing this course, students will be able to: Explain physical organic chemistry aspects (structural effects and reactivity) for organic chemistry. Apply supramolecular chemistry. Analyse stereochemistry of an organic reaction.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	MASTER OF SCIENCE IN ORGANIC CHEMISTRY	Knowledge of the concepts through theoretical understanding of the principles of chemistry. Topics like thermodynamics, kinetics, stereochemistry, quantum, symmetry from analytical, organic, inorganic and physical chemistry.	Aptitude and skills necessary to pursue research as a career. Skills necessary to be employed in the various sectors like chemical, pharmaceutical, food and materials industries. Competency to clear competitive examination.	SEM - IV	PSCHO402	SYNTHETIC ORGANIC CHEMISTRY - II	To learn the synthetic planning and designing in various organic synthesis. To understand the methodology, basics, and applications of electro-organic chemistry. To study applications of organometallics (transition and rare earth elements) in organic synthesis.	After successfully completing this course, students will be able to: Plan an organic synthesis. Explain the methodology, basics, and applications of electro-organic chemistry. Use organometallics (transition and rare earth elements) in organic synthesis.
					PSCHO403	NATURAL PRODUCTS AND BETEROCYCLIC CHEMISTRY	To learn the importance of steroids, vitamins and terpenoids in natural products. To study the heterocyclic chemistry (3-6 membered rings) and their applications in organic synthesis.	After successfully completing this course, students will be able to: Explain the importance of steroids, vitamins and terpenoids in natural products. Apply principles of heterocyclic chemistry in organic synthesis
					PSCHOOC-II 404	RESEARCH METHODOLOGY	To learn research methodology for research data analysis and scientific writing. To study the chemical safety and ethical handling of chemicals. To learn the writing skills in scientific research project/ practical work.	After successfully completing this course, students will be able to: Analyse research data. Write chemical safety methods. Construct a scientific research project.
					PSCHO4P1	Theoretical organic chemistry-II & Synthetic organic chemistry-II Practical	Students are expected to purify the product by recyclization, measure its mass or volume, check the purity by TLC, determine physical constant and calculate percentage yield. Students are expected to know (i) the planning of synthesis, effect of reaction parameters including stoichiometry, and safety aspects including MSDS (ii) the possible mechanism, expected spectral data (IR and NMR) of the starting material and final product.	After successfully completing this course, students will be able to: Purify a product by recyclization, measure its mass or volume, check the purity by TLC, determine physical constant and calculate percentage yield. Plan an organic synthesis Explain mechanism of an organic reaction. Predict spectral data of organic compounds
					PSCHO4P2	Natural products and heterocyclic chemistry & Research Methodology Practical	To learn the interpretation of the organic compounds by various spectroscopic techniques (UV, IR, PMR, CMR and Mass spectra). Students will be skilled in problem solving, critical thinking and analytical reasoning as applied to scientific problems. Students will be able to clearly communicate the results of scientific work in oral, written and electronic formats to both scientists and the public at large.	After successfully completing this course, students will be able to: interpretation UV, IR, PMR, CMR and Mass spectra of an organic compound. Solve scientific problems. Communicate the results of scientific work in oral, written and electronic formats to both scientists and the public at large
		Knowledge of the concepts through theoretical	Aptitude and skills necessary to pursue research as a career. Skills necessary to be employed in the various		PSCH 104	ANALYTICAL CHEMISTRY	The students will learn about language and quality of analytical chemistry, lab safety, preparation of solutions numerically, optical and thermal methods etc.	After successfully completing this course, students will be able to:
					PSCH 102	INORGANIC CHEMISTRY	The students will learn about Chemical Bonding, Molecular Symmetry and Group Theory, Solid state Chemistry, Nanomaterials and Characteristics of co-ordination compounds The students learn about Inorganic Reaction Mechanism, Organometallic Chemistry of Transition metals, Environmental Chemistry and Bioinorganic Chemistry.	After successfully completing this course, students will be able to: Predict Chemical Bonding of a given molecule Draw symmetry elements of a given structure. Design group character table. Understand the properties of Nanomaterials. Predict mechanism of an Inorganic Reaction. Predict Properties of Transition elements. Devise methods to curtail environmental pollution. Understand various bio inorganic systems.



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	MASTER OF SCIENCE IN ANALYTICAL CHEMISTRY	<p>understanding of the principles of chemistry. Topics like thermodynamics, kinetics, stereochemistry, quantum, symmetry from analytical, organic, inorganic and physical chemistry. Basic understanding in the major area(s) of research and acquire basic tools needed to carry out minor research projects. The ability to implement chemistry in an integral activity of social, economic and environmental problems, Skills in problem solving, critical thinking and analytical reasoning in designing problems in research</p>	<p>in the various sectors like chemical, pharmaceutical, food and materials industries. Competency to clear competitive examination. The principles influencing reactivity, including acid-base behaviours and reaction networks important in nutrition and metabolism How to carry out organic reactions and how to prepare their solutions and laboratory techniques such as distillation, extraction and crystallization The quantitative assessment of data and how communicate the results of their experiments</p>	SEM - I	PSCH 103	ORGANIC CHEMISTRY	<p>The students will learn about Thermodynamic and kinetic requirements and mechanism of a reaction, acid base reaction, Nucleophilic substitution reactions and Aromaticity, Stereochemistry, and oxidation and reduction.</p> <p>The students learn about different types of reaction mechanism and rearrangements, Introduction to Molecular Orbital Theory for Organic Chemistry, NMR spectroscopy and Mass spectrometry, NMR spectroscopy and Mass spectrometry.</p>	<p>After successfully completing this course, students will be able to: Calculate Thermodynamic and Kinetic requirement of a reaction. Predict stereochemistry of an organic molecule. Write mechanism and devise applications of the organic reaction Elucidate structure of an organic compound based on its spectral values.</p>
					PSCH 101	PHYSICAL CHEMISTRY	<p>To understand the concept of Thermodynamics, Quantum Chemistry, Chemical Dynamics, and Electrochemistry.</p> <p>The students will learn about Chemical Thermodynamics (Real gases), Quantum Chemistry, Chemical Kinetics and Molecular Reaction Dynamics, Solid State Chemistry and Phase Equilibria etc.</p>	<p>After successfully completing this course, students will be able to: Represent of the rate law of the elementary and chain reaction Understand of the theories for the determination of the rate of the reactions Understand of the laws of thermodynamics and their applications Understand of the applications statistical thermodynamic Understand the basics of the quantum chemistry</p>
					PSCHP 204	PRACTICAL ANALYTICAL CHEMISTRY	<p>The students will learn to prepare resin column, NaCl in saline by Volhard's method and to determine the breakthrough capacity of ion-exchange resin.</p> <p>The students will be skilled in handling the different types of instruments like pH meter, spectrophotometer, conductometer, potentiometer etc.</p>	<p>After successfully completing this course, students will be able to: Prepare resin column Estimate Chloride using Volhard's method. Determine the breakthrough capacity of ion-exchange resin. Handle instruments like pH meter, spectrophotometer, conductometer, potentiometer etc.</p>
					PSCH 202	PRACTICAL INORGANIC CHEMISTRY	<p>The students will learn to analyse the ores and alloys samples and handle different type of instruments.</p> <p>The students will learn to prepare the different type of complex and handling of the instruments</p>	<p>After successfully completing this course, students will be able to: prepare the exact solutions for quantitative analysis. Apply the knowledge of quantitative analysis for the determination of metals from ores/alloys. synthesize Inorganic complexes and also find their purity. Understand Ion-exchange chromatography for separation of metal ions. Understand the principle and working of different instruments like colourimeter, conductometer, spectrophotometer, etc.</p>
					PSCH 203	PRACTICAL ORGANIC CHEMISTRY	<p>The students will learn to setup one step reactions and short preparation of organic compounds and check purity by TLC.</p> <p>The students will learn Separation of Binary mixture using micro-scale technique and Identification of the separated components.</p>	<p>After successfully completing this course, students will be able to: Setup one step reactions, calculate the stoichiometry, theoretical and percentage yield. Check purity of an organic compound using TLC. Separate Binary Mixture of Organic compounds and identify each of the components by using Micro-scale techniques</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
			Experiments primarily via written laboratory reports		PSCH 201	PRACTICAL PHYSICAL CHEMISTRY	The students will be skilled in handling the different types of instruments practically. e.g. to investigate the reaction between acetone and iodine, to verify Ostwald dilution law, to find out pka values, activity coefficient, solubility product etc. The students will learn about phase diagram, polar plot of atomic orbitals and handling different types of instruments like potentiometer, pH-meter etc.	After successfully completing this course, students will be able to: Prepare the solution of the desired concentration and the desired volume Know the principle and handling of pH meter, Potentiometer, conductivitymeter, colorimeter, viscometer, etc. Plot accurate graphs of the desired scale for the calculations
	MASTER OF SCIENCE IN ANALYTICAL CHEMISTRY			SEM - II	PSCH 204	ANALYTICAL CHEMISTRY	The students will learn about language and quality of analytical chemistry, lab safety, preparation of solutions numerically, optical and thermal methods etc.	After successfully completing this course, students will be able to:
PSCH 202					INORGANIC CHEMISTRY	The students will learn about Chemical Bonding, Molecular Symmetry and Group Theory, Solid state Chemistry, Nanomaterials and Characteristics of co-ordination compounds The students learn about Inorganic Reaction Mechanism, Organometallic Chemistry of Transition metals, Environmental Chemistry and Bioinorganic Chemistry.	After successfully completing this course, students will be able to: Predict Chemical Bonding of a given molecule Draw symmetry elements of a given structure. Design group character table. Understand the properties of Nanomaterials. Predict mechanism of an Inorganic Reaction. Predict Properties of Transition elements. Devise methods to curtail environmental pollution. Understand various bio inorganic systems.	
PSCH 203					ORGANIC CHEMISTRY	The students will learn about Thermodynamic and kinetic requirements and mechanism of a reaction, acid base reaction, Nucleophilic substitution reactions and Aromaticity, Stereochemistry, and oxidation and reduction. The students learn about different types of reaction mechanism and rearrangements, Introduction to Molecular Orbital Theory for Organic Chemistry, NMR spectroscopy and Mass spectrometry, NMR spectroscopy and Mass spectrometry.	After successfully completing this course, students will be able to: Calculate Thermodynamic and Kinetic requirement of a reaction. Predict stereochemistry of an organic molecule. Write mechanism and devise applications of the organic reaction Elucidate structure of an organic compound based on its spectral values.	
PSCH 201					PHYSICAL CHEMISTRY	To understand the concept of Thermodynamics, Quantum Chemistry, Chemical Dynamics, and Electrochemistry. The students will learn about Chemical Thermodynamics (Real gases), Quantum Chemistry, Chemical Kinetics and Molecular Reaction Dynamics, Solid State Chemistry and Phase Equilibria etc.	After successfully completing this course, students will be able to: Represent of the rate law of the elementary and chain reaction Understand of the theories for the determination of the rate of the reactions Understand of the laws of thermodynamics and their applications Understand of the applications statistical thermodynamic Understand the basics of the quantum chemistry	
PSCHP 204					PRACTICAL ANALYTICAL CHEMISTRY	The students will learn to prepare resin column, NaCl in saline by Volhard's method and to determine the breakthrough capacity of ion-exchange resin. The students will be skilled in handling the different types of instruments like pH meter, spectrophotometer, conductometer, potentiometer etc.	After successfully completing this course, students will be able to: Prepare resin column Estimate Chloride using Volhard's method. Determine the breakthrough capacity of ion-exchange resin. Handle instruments like pH meter, spectrophotometer, conductometer, potentiometer etc.	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
S0112					PSCHP 202	PRACTICAL INORGANIC CHEMISTRY	The students will learn to analyse the ores and alloys samples and handle different type of instruments. The students will learn to prepare the different type of complex and handling of the instruments	After successfully completing this course, students will be able to: prepare the exact solutions for quantitative analysis. Apply the knowledge of quantitative analysis for the determination of metals from ores/alloys. synthesize Inorganic complexes and also find their purity. Understand Ion-exchange chromatography for separation of metal ions. Understand the principle and working of different instruments like colourimeter, conductometer, spectrophotometer, etc.
					PSCHP 203	PRACTICAL ORGANIC CHEMISTRY	The students will learn to setup one step reactions and short preparation of organic compounds and check purity by TLC. The students will learn Separation of Binary mixture using micro-scale technique and Identification of the separated components.	After successfully completing this course, students will be able to: Setup one step reactions, calculate the stoichiometry, theoretical and percentage yield. Check purity of an organic compound using TLC. Separate Binary Mixture of Organic compounds and identify each of the components by using Micro-scale techniques
					PSCHP 201	PRACTICAL PHYSICAL CHEMISTRY	The students will be skilled in handling the different types of instruments practically. e.g. to investigate the reaction between acetone and iodine, to verify Ostwald dilution law, to find out pka values, activity coefficient, solubility product etc. The students will learn about phase diagram, polar plot of atomic orbitals and handling different types of instruments like potentiometer, pH-meter etc.	After successfully completing this course, students will be able to: Prepare the solution of the desired concentration and the desired volume Know the principle and handling of pH meter, Potentiometer, conductivitymeter, colorimeter, viscometer, etc. Plot accurate graphs of the desired scale for the calculations
					PSCHA301	QUALITY IN ANALYTICAL CHEMISTRY	To learn about Sampling in chemical and pharmaceutical industries, to learn about maintenance and calibration of instruments, to study about different type of chromatographic techniques and OPLC	After successfully completing this course, students will be able to: Define Sampling Explain techniques of sampling Calibrate an instrument Understand and apply chromatographic techniques
					PSCHA302	ADVANCE INSTRUMENTAL TECHNIQUES	To learn about principle and instrumentation of different type of spectroscopy and voltammetry techniques, Advanced Electroanalytical Techniques, ESR, Moss-baouer, Miscellaneous Techniques etc.	After successfully completing this course, students will be able to: Explain principles of spectroscopy, voltametry ESR, Moss-baouer etc. Draw instrumentation of spectroscopy, voltametry ESR, Moss-baouer etc. Apply spectroscopy, voltametry ESR, Moss-baouer etc. for analysis
					PSCHA303	BIOANALYTICAL CHEMISTRY AND FOOD ANALYSIS	To study about detection of abnormal levels of glucose, creatinine, uric acid in blood, protein, ketone bodies, Immunological Methods, Human Nutrition, Food Analysis, Food packaging analysis of oil, milk etc.	After successfully completing this course, students will be able to: Detect abnormal levels of glucose, creatinine, uric acid in blood. Analyse foods.
MASTER								



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome	
	MASTER OF SCIENCE IN ANALYTICAL CHEMISTRY			SEM - III	PSCHAEC-1304	ENVIRONMENTAL AND CERTAIN INDUSTRIALLY IMPORTANT MATERIALS	To study the types of environmental pollution and certain industrially materials and Water quality standard.	After successfully completing this course, students will be able to: Detect abnormal levels of glucose, creatinine, uric acid in blood. Analyse foods.	
					PSCHA3P1	Quality in Analytical Chemistry Practical	The students will be skilled in handling the different types of instruments.	After successfully completing this course, students will be able to: Handle various instruments	
					PSCHA3P2	Advance Instrumental Techniques Practical	The students will be able to understand about the drug analysis, analyse cholesterol in blood serum, calcium in toothpaste etc.	After successfully completing this course, students will be able to: Analyse drug molecules. Analyse Cholesterol in blood, calcium in toothpaste etc.	
					PSCHA3P3	Bioanalytical Chemistry and Food Analysis Practical	The students will be learning and analysing daily use materials like sugar in honey, lactose in milk, vit. C in lemon, alcoholic beverages etc.	After successfully completing this course, students will be able to: Analyse daily use materials like sugar in honey, lactose in milk, vit. C in lemon, alcoholic beverages etc.	
					PSCHA3P4 A	Environmental and Certain Industrially Important Materials Practical	The students are leaning to analyse water and ore samples.	After successfully completing this course, students will be able to: Analyse water and ore samples.	
	MASTER OF SCIENCE IN ANALYTICAL CHEMISTRY				SEM - IV	PSCHA401	QUALITY IN ANALYTICAL CHEMISTRY	The students will be skilled in handling the different types of instruments.	After successfully completing this course, students will be able to: Handle various instruments
						PSCHA402	ADVANCED INSTRUMENTAL TECHNIQUES	The students will be able to understand about the drug analysis, analyse cholesterol in blood serum, calcium in toothpaste etc.	After successfully completing this course, students will be able to: Analyse drug molecules. Analyse Cholesterol in blood, calcium in toothpaste etc.
						PSCHA403	SELECTED TOPICS IN ANALYTICAL CHEMISTRY	The students are leaning the Effluent Treatment of water, Solid Waste Management, analysis of plastic and polymers, and analysing different types of ores, alloys, etc.	After successfully completing this course, students will be able to: Analyse water Manage Solid waste Analyse Plastic and Polymers. Analyse ores, alloys etc.
						PSCHAOC-II 404	RESEARCH METHODOLOGY	The students will be able to understand about methods of scientific research and writing Scientific papers, chemical safety & ethical handling of Chemicals.	After successfully completing this course, students will be able to: Write Scientific research papers.
						PSCHA4P1	Quality in Analytical Chemistry Practical	The students will be skilled in handling the different types of instruments.	After successfully completing this course, students will be able to: Handle different types of instruments



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
					PSCHA4P2	Advance Instrumental Techniques Practical	The students will be able to analyse the drug, detergent and canned food etc.	After successfully completing this course, students will be able to: Write Scientific research papers.
					PSCHA4P3	Selected Topics in Analytical Chemistry Practical	The students will be learning and analysing daily use materials like calcium, iron and phosphorous in milk, aldehyde in lemon grass oil, water analysis etc.	After successfully completing this course, students will be able to: analyse daily use materials like calcium, iron and phosphorous in milk, aldehyde in lemon grass oil, water analysis etc.
					PSCHA4P4	Research Methodology Practical	Students will be skilled in problem solving, critical thinking and analytical reasoning as applied to scientific problems. Students will be able to clearly communicate the results of scientific work in oral, written and electronic formats to both scientists and the public at large.	After successfully completing this course, students will be able to: Solve analytical Problems.
	MASTER OF SCIENCE	To apply the knowledge of Information Technology with recent trends aligned with research and industry. To foster an 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. To provide socially acceptable technical solutions in the domains of Information Security, Machine Learning	The learner applies the knowledge of Information Technology with recent trends aligned with research and industry. The learner develops the ability to apply knowledge in the field of Computational Research, Soft Computing, Big Data Analytics, Data Science, Image Processing, Artificial Intelligence, Networking and Cloud Computing. The learner demonstrates to provide socially acceptable		PSITP2	DATA SCIENCE	To enable quantitative modelling and data analysis techniques to the solution of real-world business problems, communicate findings, and effectively present results using data visualization techniques. To recognize and analyze ethical issues in business related to intellectual property, data security, integrity, and privacy. To develop ethical practices in everyday business activities and make well-reasoned ethical business and data management decisions. To demonstrate knowledge of statistical data analysis techniques utilized in business decision making. To apply principles of Data Science to the analysis of business problems.	The learner develops quantitative modeling and data analysis techniques to the solution of real-world business problems, communicate findings, and effectively present results using data visualization techniques. The learner applies ethical issues in business related to intellectual property, data security, integrity, and privacy. The learner displays ethical practices in everyday business activities and make well-reasoned ethical business and data management decisions. The learner demonstrates knowledge of statistical data analysis techniques utilized in business decision making. The learner articulates the principles of Data Science to the analysis of business problems.
				PSITP1	RESEARCH IN COMPUTING	To provide student with ability to solve real world problems with scientific approach. To develop analytical skills by applying scientific methods. To recognize, understand and apply the language, theory and models of the field of business analytics. To foster an ability to critically analyse, synthesize and solve complex unstructured business problems. To understand and critically apply the concepts and methods of business analytics.	The learner demonstrates ability to solve real world problems with scientific approach. The learner develops analytical skills by applying scientific methods. The learner recognizes, understand and apply the language, theory and models of the field of business analytics. The learner will foster an ability to critically analyse, synthesize and solve complex unstructured business problems.	
				PSIT104	SOFT COMPUTING TECHNIQUES	To identify and describe soft computing techniques and their roles in building intelligent machines. To recognize the feasibility of applying a soft computing methodology for a particular problem. To apply fuzzy logic and reasoning to handle uncertainty and solve engineering problems. To apply genetic algorithms to combinatorial optimization problems. To implement neural networks for classification and regression problems.	The learner demonstrates soft computing techniques and their roles in building intelligent machines. The learner develops the feasibility of applying a soft computing methodology for a particular problem. The learner executes fuzzy logic and reasoning to handle uncertainty and solve engineering problems. The learner applies genetic algorithms to combinatorial optimization problems. The learner implements neural networks for classification and regression problems.	



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	SCIENCE IN INFORMATION & TECHNOLOGY	Learning, Internet of Things and Embedded System, Infrastructure Services as specializations. To recognize 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. To develop to write effective project reports, research publications and content development and to work in multidisciplinary environment in the context of changing technologies.	acceptable technical solutions in the domains of Information Security, Machine Learning, Internet of Things and Embedded System, Infrastructure Services as specializations The learner recognizes 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. The learner implements the research publications	SEM - I	PSIT104	CLOUD COMPUTING	<p>To analyse the Cloud computing setup with its vulnerabilities and applications using different architectures.</p> <p>To design different workflows according to requirements and apply map reduce programming model.</p> <p>To apply and design suitable Virtualization concept, Cloud Resource Management and design scheduling algorithms.</p> <p>To generate combinatorial auctions for cloud resources and design scheduling algorithms for computing clouds.</p> <p>To assess cloud Storage systems and Cloud security, the risks involved, its impact and develop cloud application.</p>	<p>The learner applies Cloud computing setup with its vulnerabilities and applications using different architectures.</p> <p>The learner integrates different workflows according to requirements and apply map reduce programming model.</p> <p>The learner demonstrates suitable Virtualization concept, Cloud Resource Management and design scheduling algorithms.</p> <p>The learner develops combinatorial auctions for cloud resources and design scheduling algorithms for computing clouds.</p> <p>The learner evaluates cloud Storage systems and Cloud security, the risks involved, its impact and develop cloud application.</p>
					PSIT101	RESEARCH IN COMPUTING	<p>To provide student with ability to solve real world problems with scientific approach.</p> <p>To develop analytical skills by applying scientific methods.</p> <p>To recognize, understand and apply the language, theory and models of the field of business analytics.</p> <p>To foster an ability to critically analyse, synthesize and solve complex unstructured business problems.</p> <p>To understand and critically apply the concepts and methods of business analytics.</p>	<p>The learner demonstrates ability to solve real world problems with scientific approach.</p> <p>The learner develops analytical skills by applying scientific methods.</p> <p>The learner recognizes, understand and apply the language, theory and models of the field of business analytics.</p> <p>The learner will foster an ability to critically analyse, synthesize and solve complex unstructured business problems.</p>
					PSIT102	DATA SCIENCE	<p>To enable quantitative modelling and data analysis techniques to the solution of real-world business problems, communicate findings, and effectively present results using data visualization techniques.</p> <p>To recognize and analyze ethical issues in business related to intellectual property, data security, integrity, and privacy.</p> <p>To develop ethical practices in everyday business activities and make well-reasoned ethical business and data management decisions.</p> <p>To demonstrate knowledge of statistical data analysis techniques utilized in business decision making.</p> <p>To apply principles of Data Science to the analysis of business problems.</p>	<p>The learner develops quantitative modeling and data analysis techniques to the solution of real-world business problems, communicate findings, and effectively present results using data visualization techniques.</p> <p>The learner applies ethical issues in business related to intellectual property, data security, integrity, and privacy.</p> <p>The learner displays ethical practices in everyday business activities and make well-reasoned ethical business and data management decisions.</p> <p>The learner demonstrates knowledge of statistical data analysis techniques utilized in business decision making.</p> <p>The learner articulates the principles of Data Science to the analysis of business problems.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
IS01113	MASTER OF SCIENCE IN ANALYTICAL CHEMISTRY			SEM - II	PSIT201	BIGDATA ANALYTICS	<p>To understand the key issues in big data management and its associated applications in intelligent business and scientific computing.</p> <p>To acquire fundamental enabling techniques and scalable algorithms like Hadoop, Map Reduce and NO SQL in big data analytics.</p> <p>To interpret business models and scientific computing paradigms, and apply software tools for big data analytics.</p> <p>To achieve adequate perspectives of big data analytics in various applications like recommender systems, social media applications etc</p>	<p>The learner summarises the key issues in big data management and its associated applications in intelligent business and scientific computing.</p> <p>The learner demonstrates fundamental enabling techniques and scalable algorithms like Hadoop, Map Reduce and NO SQL in big data analytics.</p> <p>The learner explains business models and scientific computing paradigms, and apply software tools for big data analytics.</p> <p>The learner applies adequate perspectives of big data analytics in various applications like recommender systems, social media applications etc</p>
					PSIT202	MODERN NETWORKING	<p>To demonstrate in-depth knowledge in the area of Computer Networking.</p> <p>To develop scholarship of knowledge through performing in a group to identify, formulate and solve a problem related to Computer Networks.</p> <p>To prepare a technical document for the identified Networking System Conducting experiments to analyse the identified research work in building Computer Networks.</p>	<p>The learner develops in-depth knowledge in the area of Computer Networking.</p> <p>The learner demonstrates scholarship of knowledge through performing in a group to identify, formulate and solve a problem related to Computer Networks.</p> <p>The learner applies the identified Networking System Conducting experiments to analyse the identified research work in building Computer Networks.</p>
					PSIT203	MICROSERVICE ARCHITECTURE	<p>To develop web applications using Model View Control.</p> <p>To create MVC Models and write code that implements business logic within Model methods, properties, and events.</p> <p>To demonstrate Views in an MVC application that display and edit data and interact with Models and Controllers.</p> <p>To boost your hire ability through innovative and independent learning.</p> <p>To gain a thorough understanding of the philosophy and architecture of .NET Core.</p>	<p>The learner develops web applications using Model View Control.</p> <p>The learner explains MVC Models and write code that implements business logic within Model methods, properties, and events.</p> <p>The learner demonstrates Views in an MVC application that display and edit data and interact with Models and Controllers.</p> <p>The learner assesses hire ability through innovative and independent learning.</p> <p>The learner applies a thorough understanding of the philosophy and architecture of .NET Core.</p>
					PSIT204	IMAGE PROCESSING	<p>To demonstrate the relevant aspects of digital image representation and their practical implications.</p> <p>To design pointwise intensity transformations to meet stated specifications.</p> <p>To understand 2-D convolution, the 2-D DFT, and have the ability to design systems using these concepts.</p> <p>To develop the role of alternative colour spaces, and the design requirements leading to choices of colour space.</p> <p>To appreciate the utility of wavelet decompositions and their role in image processing systems.</p>	<p>The learner demonstrates the relevant aspects of digital image representation and their practical implications.</p> <p>The learner applies pointwise intensity transformations to meet stated specifications.</p> <p>The learner implements 2-D convolution, the 2-D DFT, and have the ability to design systems using these concepts.</p> <p>The learner develops the role of alternative colour spaces, and the design requirements leading to choices of colour space.</p> <p>The learner displays the utility of wavelet decompositions and their role in image processing systems.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	MASTER OF SCIENCE IN ANALYTICAL CHEMISTRY			SEM - III	PSIT301	Technical Writing & Entrepreneurship Development	<p>To develop technical documents that meet the requirements with standard guidelines.</p> <p>Understanding the essentials and hands-on learning about effective Website Development.</p> <p>To evaluate the essentials parameters of effective Social Media Pages.</p> <p>To understand importance of innovation and entrepreneurship.</p> <p>To analyse research and development projects.</p>	<p>The learner develops technical documents that meet the requirements with standard guidelines. Understanding the essentials and hands-on learning about effective Website Development.</p> <p>The learner evaluates the essentials parameters of effective Social Media Pages.</p> <p>The learner demonstrates the importance of innovation and entrepreneurship.</p> <p>The learner applies research and development projects.</p>
					PSIT302	Applies Artificial Intelligence	<p>To able to understand the fundamentals concepts of expert system and its applications.</p> <p>To demonstrate to use probability and concept of fuzzy sets for solving AI based problems.</p> <p>To evaluate the applications of Machine Learning. The learner can also apply fuzzy system for solving problems.</p> <p>To apply to understand the applications of genetic algorithms in different problems related to artificial intelligence.</p> <p>To develop knowledge representation techniques in natural language processing.</p>	<p>The learner applies the fundamentals concepts of expert system and its applications.</p> <p>The learner demonstrates probability and concept of fuzzy sets for solving AI based problems.</p> <p>The learner implements the applications of Machine Learning. The learner can also apply fuzzy system for solving problems.</p> <p>The learner evaluates the applications of genetic algorithms in different problems related to artificial intelligence.</p> <p>The learner develops the use of knowledge representation techniques in natural language processing.</p>
					PSIT303	Machine Learning	<p>To understand the key issues in Machine Learning and its associated applications in intelligent business and scientific computing.</p> <p>To acquire the knowledge about classification and regression techniques where a learner will be able to explore his skill to generate data base knowledge using the prescribed techniques.</p> <p>To demonstrate and implement the techniques for extracting the knowledge using machine learning methods.</p> <p>To achieve adequate perspectives of big data analytics in various applications like recommender systems, social media applications etc.</p>	<p>The learner implements the key issues in Machine Learning and its associated applications in intelligent business and scientific computing.</p> <p>The learner applies the knowledge about classification and regression techniques where a learner will be able to explore his skill to generate data base knowledge using the prescribed techniques.</p> <p>The learner demonstrates the techniques for extracting the knowledge using machine learning methods.</p> <p>The learner develops adequate perspectives of big data analytics in various applications like recommender systems, social media applications etc.</p>
					PSIT304	Robotic Process Automation	<p>To understand the mechanism of business process and can provide the solution in an optimize way.</p> <p>To evaluate the features use for interacting with database plugins.</p> <p>To perform the plug-ins and other controls used for process automation.</p> <p>To measure and handle the different events, debugging and managing the errors.</p> <p>To demonstrate and deploy the automated process.</p>	<p>The learner applies the mechanism of business process and can provide the solution in an optimize way.</p> <p>The learner evaluates the features use for interacting with database plugins.</p> <p>The learner demonstrates the plug-ins and other controls used for process automation.</p> <p>The learner measures and handle the different events, debugging and managing the errors.</p> <p>The learner develops and deploy the automated process.</p>



GURU NANAK COLLEGE OF ARTS, SCIENCE AND COMMERCE
PROGRAMS / COURSES OBJECTIVES AND OUTCOMES



Program Code	Program Name	Program Objectives	Program Outcome	SEMESTER	Course Code	Course Name	Course Objectives:	Course Outcome
	MASTER OF SCIENCE IN ANALYTICAL CHEMISTRY			SEM - IV	PSIT401	BLOCKCHAIN	<p>To understand the structure of a blockchain and why/when it is better than a simple distributed database.</p> <p>To analyse the incentive structure in a blockchain based system and critically assess its functions, benefits and vulnerabilities.</p> <p>To evaluate the setting where a blockchain based structure may be applied, its potential and its limitations.</p> <p>To evaluate what constitutes a "smart" contract, what are its legal implications and what it can and cannot do, now and in the near future .</p> <p>To develop blockchain D Apps.</p>	<p>The learner applies the structure of a blockchain and why/when it is better than a simple distributed database.</p> <p>The learner demonstrates the incentive structure in a blockchain based system and critically assess its functions, benefits and vulnerabilities.</p> <p>The learner implements the setting where a blockchain based structure may be applied, its potential and its limitations.</p> <p>The learner deploys what constitutes a "smart" contract, what are its legal implications and what it can and cannot do, now and in the near future .</p> <p>The learner develops blockchain D Apps.</p>
		PSIT402a	NATURAL LANGUAGE PROCESSING		<p>To understand the issues and challenge in Natural Language Processing and NLP applications and their relevance in the classical and modern context.</p> <p>To deploy 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.</p> <p>To demonstrate various grammar formalisms, which they can apply in different fields of study.</p> <p>To develop project work or work in R&D firms working in NLP and its allied areas.</p> <p>To implement applications in different sectors.</p>	<p>The learner explains issues and challenge in Natural Language Processing and NLP applications and their relevance in the classical and modern context.</p> <p>The learner deploys use 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.</p> <p>The learner demonstrates various grammar formalisms, which they can apply in different fields of study.</p> <p>The learner develops project work or work in R&D firms working in NLP and its allied areas.</p> <p>The learner implements applications in different sectors.</p>		
		PSIT403a	DEEP LEARNING		<p>To evaluate basics of mathematical foundation that will help the learner to understand the concepts of Deep Learning.</p> <p>To understand and describe model of deep learning.</p> <p>To design and implement various deep supervised learning architectures for text & image data.</p> <p>To deploy various deep learning models and architectures.</p> <p>To apply various deep learning techniques to design efficient algorithms for real-world applications.</p>	<p>The learner applies basics of mathematical foundation that will help the learner to understand the concepts of Deep Learning.</p> <p>The learner evaluates and describes the model of deep learning.</p> <p>The learner develops various deep supervised learning architectures for text & image data.</p> <p>The learner implements various deep learning models and architectures.</p> <p>The learner deploys various techniques to design efficient algorithms for real-world applications.</p>		
		PSIT404a	HUMAN COMPUTER INTERACTION		<p>To have a clear understanding of HCI principles that influence a system's interface design, before writing any code.</p> <p>To implement the evaluation techniques used for any of the proposed system.</p> <p>To evaluate the cognitive models and its design.</p> <p>To understand how to manage the system resources and do the task analysis.</p> <p>To design and implement a complete system.</p>	<p>The learner implements various HCI principles that influence a system's interface design, before writing any code.</p> <p>The learner implements various evaluation techniques used for any of the proposed system.</p> <p>The learner demonstrates the cognitive models and its design.</p> <p>The learner applies the system resources and do the task analysis.</p> <p>The learner develops, design and implement a complete system.</p>		